

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549

**AMENDMENT NO. 3
TO
FORM S-1
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933**

Amedica Corporation

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

3841
Primary Standard Industrial
Classification Code Number)

84-1375299
(IRS Employer
Identification No.)

1885 West 2100 South
Salt Lake City, UT 84119
(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

B. Sonny Bal, MD
President and Chief Executive Officer
Amedica Corporation
1885 West 2100 South
Salt Lake City, UT, 84119
(801) 839-3500

(Name, address, including zip code, and telephone number, including area code, of agent for service)

with copies to:

Anthony E. Hubbard, Esq.
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Amedica Corporation
1885 West 2100 South
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Approximate date of commencement of proposed sale to the public: As soon as practicable after this Registration Statement is declared effective.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act:

Large accelerated filer Accelerated filer
Non-accelerated filer (Do not check if a smaller reporting company) Smaller reporting company

CALCULATION OF REGISTRATION FEE

Title of securities to be registered (1)	Proposed maximum aggregate offering price	Amount of Registration Fee (2)
Units Consisting of Common Stock and Warrants	\$15,000,000	—
Common Stock, par value \$0.01 per share, Underlying Units (3)	—	—
Warrants Underlying Units (3)	—	—
Common Stock Issuable Upon Exercise of Warrants in the Units	\$78,000,000	—
Unit Purchase Options to be Issued to Underwriters (3)	—	—
Units Underlying the Unit Purchase Options to be Issued to Underwriters (3)	—	—
Common Stock Underlying Units to be Issued to Underwriters upon Exercise of Unit Purchase Options	\$937,500	—
Warrants Underlying Units to be Issued to Underwriters upon exercise of the Unit Purchase Options (3)	—	—
Common Stock Issuable Upon Exercise of Warrants in the Units to be Issued to Underwriters upon exercise of the Unit Purchase Options	\$3,900,000	—
Total	\$97,837,500	\$11,369

(1) Pursuant to Rule 416 under the Securities Act of 1933, the securities registered also include such indeterminate amounts and numbers of shares of common stock issuable to cover additional securities that may be offered or issued to prevent dilution resulting from stock splits, stock dividends or similar transactions. Also includes the offering price of additional units that the underwriters have the option to purchase.

(2) Calculated pursuant to Rule 457(o) based on an estimate of the proposed maximum aggregate offering price. \$11,369 has previously been paid.

(3) No separate fee required pursuant to Rule 457 under the Securities Act of 1933.

The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933 or until this registration statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.

EXPLANATORY NOTE

This Amendment No. 3 to the Registration Statement on Form S-1 (Registration No. 333-199753) of Amedica Corporation (the "Form S-1") is being filed solely for the purpose of filing Exhibits 1.1, 4.24, 4.25, 4.26, 5.1 and 23.2. Other than the addition of such Exhibits and corresponding changes to the exhibit index and signature page in Part II of the Form S-1, the remainder of the Form S-1 is unchanged from Amendment No. 2 to the Form S-1 as filed on November 18, 2014. Accordingly, the prospectus that forms a part of the Form S-1 is not reproduced in this Amendment No. 3.

PART II
INFORMATION NOT REQUIRED IN PROSPECTUS

Item 13. Other Expenses of Issuance and Distribution.

The following table sets forth an itemization of the various costs and expenses, all of which we will pay, in connection with the sale of the securities being registered. All of the amounts shown are estimated except the SEC Registration Fee and the FINRA Filing Fee.

SEC Registration Fee	\$ 11,369
Legal Fees and Expenses	190,000
FINRA Filing Fee	15,176
Printing Expenses	20,000
Transfer Agent Fee and Expenses	20,000
Accounting Fees and Expenses	42,000
Miscellaneous (including underwriters' non-accountable expense allowance)	<u>101,455</u>
Total	<u>\$400,000</u>

Item 14. Indemnification of Directors and Officers.

Our amended and restated certificate of incorporation and amended and restated bylaws provide that each person who was or is made a party or is threatened to be made a party to or is otherwise involved (including, without limitation, as a witness) in any action, suit or proceeding, whether civil, criminal, administrative or investigative, by reason of the fact that he or she is or was one of our directors or officers or is or was serving at our request as a director, officer, employee or agent of another corporation, or of a partnership, joint venture, trust or other enterprise, including service with respect to an employee benefit plan, whether the basis of such proceeding is alleged action in an official capacity as a director, officer or trustee or in any other capacity while serving as a director, officer or trustee, shall be indemnified and held harmless by us to the fullest extent authorized by the Delaware General Corporation Law against all expense, liability and loss (including attorneys' fees, judgments, fines, Employee Retirement Insurance Security Act excise taxes or penalties and amounts paid in settlement) reasonably incurred or suffered in connection with legal proceedings. These provisions limit the liability of our directors and officers to fullest extent permitted under Delaware law. A director or officer will not receive indemnification if he or she is found not to have acted in good faith and in a manner he or she reasonably believed to be in, or not opposed to, our best interest.

Section 145 of the Delaware General Corporation Law permits a corporation to indemnify any director or officer of the corporation against expenses (including attorney's fees), judgments, fines and amounts paid in settlement actually and reasonably incurred in connection with any action, suit or proceeding brought by reason of the fact that such person is or was a director or officer of the corporation, if such person acted in good faith and in a manner that he reasonably believed to be in, or not opposed to, the best interests of the corporation, and, with respect to any criminal action or proceeding, if he or she had no reasonable cause to believe his or her conduct was unlawful. In a derivative action, (i.e., one brought by or on behalf of the corporation), indemnification may be provided only for expenses actually and reasonably incurred by any director or officer in connection with the defense or settlement of such an action or suit if such person acted in good faith and in a manner that he or she reasonably believed to be in, or not opposed to, the best interests of the corporation, except that no indemnification shall be provided if such person shall have been adjudged to be liable to the corporation, unless and only to the extent that the court in which the action or suit was brought shall determine that such person is fairly and reasonably entitled to indemnity for such expenses despite such adjudication of liability.

Pursuant to Section 102(b)(7) of the Delaware General Corporation Law, Article Eighth of our amended and restated certificate of incorporation eliminates the liability of a director to us or our stockholders for monetary damages for such a breach of fiduciary duty as a director, except for liabilities arising:

- from any breach of the director's duty of loyalty to us or our stockholders;

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- from acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law;
 - under Section 174 of the Delaware General Corporation Law; or
 - from any transaction from which the director derived an improper personal benefit.

We carry insurance policies insuring our directors and officers against certain liabilities that they may incur in their capacity as directors and officers. We have entered into indemnification agreements with certain of our executive offices and directors. These agreements, among other things, indemnify and advance expenses to our directors and officers for certain expenses, including attorney's fees, judgments, fines and settlement amounts incurred by any such person in any action or proceeding, including any action by us arising out of such person's services as our director or officer, or any other company or enterprise to which the person provides services at our request. We believe that these provisions and agreements are necessary to attract and retain qualified persons as directors and officers. We have entered into agreements to indemnify all of our directors and officers.

Additionally, reference is made to the Underwriting Agreement filed as Exhibit 1.1 hereto, which provides for indemnification by the underwriters of Amedica Corporation, our directors and officers who sign the registration statement and persons who control Amedica Corporation, under certain circumstances.

Item 15. Recent Sales of Unregistered Securities.

Since January 1, 2011, we have sold the following securities that were not registered under the Securities Act.

(a) Issuances of Capital Stock and Warrants

The sale and issuance of the securities set forth below were deemed to be exempt from registration under the Securities Act by virtue of Section 4(2) or Rule 506 promulgated under Regulation D promulgated thereunder and Section 3(a)(9). Each of the recipients of securities in these transactions was an accredited investor within the meaning of Rule 501 of Regulation D under the Securities Act and had adequate access, through employment, business or other relationships, to information about us. No underwriters were involved in these transactions.

- Between March 4, 2011 and May 9, 2011 and on February 15, 2012, we issued aggregate principal amount of \$29.8 million of Senior Secured Subordinated 6%/8% Convertible Promissory Notes, or the Senior Secured Notes, and warrants to purchase an aggregate of 288,685 shares of our common stock at an exercise price of \$51.55 per share to 85 accredited investors. In connection with this sale, on May 9, 2011, we issued a warrant to purchase 57,577 shares of our common stock at an exercise price of \$56.70 per share to a Creation Capital, LLC.
- On May 10, 2012, in connection with entering into a settlement agreement, we issued 842,443 shares of our Series E convertible preferred stock and 2,557,562 shares of our Series C convertible preferred stock to the former stockholders of US Spine and 42,122 and 127,878 shares of our Series E convertible preferred stock to the advisor to US Spine as a further transaction fee payment.
- On December 17, 2012, in connection with entering into a commercial lending transaction, we issued warrants to purchase 270,000 shares of our Series F convertible preferred stock at an exercise price of \$2.00 per share to two of our institutional lenders.
- On December 17, 2012, we issued 14,887,500 shares of our Series F convertible preferred stock upon conversion of all of the outstanding Senior Secured Notes.
- In March 2013, we issued an aggregate of 178,516 shares of our common stock to 33 accredited investors upon exercise of warrants and the sale of additional shares of our common stock to other investors at \$17.53 per share for an aggregate purchase price of \$3,128,802. We also issued each investor purchasing shares of our common stock through the exercise of warrants new warrants to purchase an aggregate of 76,455 shares of our common stock at an exercise price of \$17.53 per share.

- In 2013, we issued a total of 13,191 shares of our common stock at \$17.53 per share to sales agents for equity incentive awards earned in 2011, 2012 and 2013 in connection with our obligations under a settlement agreement dated May 1, 2010.
- On August 30, 2013 and September 20, 2013, we issued and sold a total of 94.8 units, each unit consisting of 50,000 shares of our Series F convertible preferred stock and a warrant to acquire 970 shares of our common stock at an exercise price of \$25.77 per share, to 45 accredited investors at \$100,000 per unit for an aggregate purchase price of \$9,480,000. The purchase of these units resulted in our issuance of 4,740,000 shares of our Series F convertible preferred stock and warrants to purchase 91,951 shares of our common stock. In connection with this offering, we issued warrants to purchase an aggregate of 9,311 shares of our common stock, at an exercise price of \$56.70 per share, to TGP Securities, Inc.
- On March 20, 2014, we issued 50,000 shares of our common stock to a service provider for services previously rendered with respect to certain corporate development activities.
- On June 30, 2014, we issued a warrant to purchase 516,129 shares of our common stock to Hercules Technology in connection with a Loan and Security Agreement.
- On June 30, 2014 and on August 11, 2014, we issued two convertible notes with a principal amount of an aggregate of \$6.0 million (the "Convertible Notes") to MG Partners II Ltd. ("Magna"). On October 1, 2014, the Convertible Notes became convertible at any time, in whole or in part, at Magna's option, into shares of our common stock at a conversion price equal to the lesser of (i) \$3.75 per share and (ii) a price equal to 80% of the lowest daily volume weighted average price, or VWAP, of our common stock during the five trading days period to conversion. Between October 1, 2014 and November 12, 2014, we issued an aggregate of 871,060 shares of our common stock to Magna upon conversion of \$847,000 of the principal amount of the Convertible Notes.
- On June 30, 2014, we issued a warrant to purchase warrants to purchase up to 568,889 shares of our common stock to Magna pursuant to a Securities Purchase Agreement.
- On September 17, 2014, we issued a warrant to purchase 50,000 shares of our common stock to a service provider to be a financial advisor.
- On November 6, 2014, we issued a warrant to purchase 267,380 shares of common stock to Hampshire MedTech Partners II, LP in connection with a bridge loan.
- On November 12, 2014, we issued a warrant to purchase 150,000 shares of our common stock to a financial advisor.

(b) Certain Grants and Exercises of Stock Options

- In 2011, we granted options to purchase a total of 48,210 shares of our common stock to participants in our 2003 Stock Option Plan, at a weighted-average price of \$25.77 per share. In 2011, we issued 667 shares of common stock upon the exercise of options to purchase such shares of common stock at a weighted-average price of \$5.41 per share.
- In 2012, we granted options to purchase a total of 90,450 shares of our common stock to participants in the 2003 Plan, at a weighted-average price of \$25.77 per share. In 2012, we issued 450 shares of common stock upon the exercise of options to purchase such shares of common stock at a weighted-average price of \$11.60 per share.
- From January 1, 2013 through March 31, 2014, we granted a total of 1,928,046 RSUs and 179,699 options at exercise prices ranging from \$5.68 to \$25.77. During the same period, 60,719 options to purchase shares of common stock were exercised.

Option grants, RSU grants and the issuances of common stock upon exercise of such options were exempt pursuant to Rule 701 and Section 4(2) of the Securities Act of 1933.

Item 16. Exhibits and Financial Statement Schedules.*(a) Exhibits*

<u>Exhibit Number</u>	<u>Exhibit Description</u>	<u>Filed with this Report</u>	<u>Incorporated by Reference herein from Form or Schedule</u>	<u>Filing Date</u>	<u>SEC File/Reg. Number</u>
1.1	Form of Underwriting Agreement	X			
3.1	Restated Certificate of Incorporation of the Registrant		Form 8-K (Exhibit 3.1)	2/20/14	001-33624
3.2	Restated Bylaws of the Registrant		Form 8-K (Exhibit 3.1)	2/20/14	001-33624
4.1	Form of Common Stock Certificate of the Registrant		Amendment No. 3 to Form S-1 (Exhibit 4.1)	1/29/14	333-192232
4.2	Warrant Agreement by and between the Registrant and Creation Capital LLC, dated as of February 24, 2006		Form S-1 (Exhibit 4.5)	11/8/13	333-192232
4.3	Series D Warrant Agreement by and between the Registrant and Creation Capital LLC, dated as of April 27, 2007		Form S-1 (Exhibit 4.6)	11/8/13	333-192232
4.4	Common Stock Warrant Agreement by and between the Registrant and Creation Capital LLC, dated as of April 30, 2008		Form S-1 (Exhibit 4.7)	11/8/13	333-192232
4.5	Series E Warrant Agreement by and between the Registrant and Creation Capital LLC, dated as of September 14, 2010		Form S-1 (Exhibit 4.8)	11/8/13	333-192232
4.6	Form of Warrant to Purchase Shares of Common Stock of the Registrant, issued on May 9, 2011		Amendment No. 3 to Form S-1 (Exhibit 4.9)	1/29/14	333-192232
4.7	Warrant to Purchase 156,978 Shares of Series F Convertible Preferred Stock by and between the Registrant and GE Capital Equity Investments, Inc., dated as of December 17, 2012		Form S-1 (Exhibit 4.10)	11/8/13	333-192232
4.8	Warrant to Purchase 113,022 Shares of Series F Convertible Preferred Stock by and between the Registrant and Zions First National Bank, dated as of December 17, 2012		Form S-1 (Exhibit 4.11)	11/8/13	333-192232
4.9	Form of Warrant to Purchase Shares of Common Stock of the Registrant, issued on March 4, 2011 and May 9, 2011		Form S-1 (Exhibit 4.12)	11/8/13	333-192232

<u>Exhibit Number</u>	<u>Exhibit Description</u>	<u>Filed with this Report</u>	<u>Incorporated by Reference herein from Form or Schedule</u>	<u>Filing Date</u>	<u>SEC File/Reg. Number</u>
4.10	Form of Amendment to Warrant to Purchase Shares of Common Stock of the Registrant, dated as of December 18, 2012		Form S-1 (Exhibit 4.13)	11/8/13	333-192232
4.11	Form of Amendment No. 2 to Warrant to Purchase Shares of Common Stock of the Registrant, dated as of February 1, 2013		Form S-1 (Exhibit 4.14)	11/8/13	333-192232
4.12	Warrant to Purchase Shares of Common Stock of the Registrant by and between the Registrant and the University of Utah Research Foundation, dated as of February 17, 2010		Form S-1 (Exhibit 4.15)	11/8/13	333-192232
4.13	Form of Warrant to Purchase Shares of Common Stock of the Registrant, issued on April 18, 2011, November 15, 2011, November 16, 2011, February 22, 2012, February 29, 2012 and March 7, 2012		Form S-1 (Exhibit 4.16)	11/8/13	333-192232
4.14	Form of Warrant to Purchase Shares of Common Stock of the Registrant, issued on August 30, 2013 and September 20, 2013, as amended		Amendment No. 2 to Form S-1 (Exhibit 4.17)	12/20/13	333-192232
4.15	Form of Amendment to Warrant to Purchase Common Stock of the Registrant, dated as of December 23, 2013		Amendment No. 3 to Form S-1 (Exhibit 4.17.1)	1/29/14	333-192232
4.16	Warrant to Purchase Shares of Common Stock of the Registrant by and between the Registrant and Zions First National Bank, dated as of March 17, 2011		Form S-1 (Exhibit 4.18)	11/8/13	333-192232
4.17	Series E Warrant Agreement by and between the Registrant and Zions First National Bank, dated as of April 7, 2010		Amendment No. 2 to Form S-1 (Exhibit 4.19)	12/20/13	333-192232
4.18	Form of Warrant to Purchase Shares of Common Stock of the Registrant, issued to TGP Securities, Inc. on August 30, 2013 and September 20, 2013, as amended		Amendment No. 2 to Form S-1 (Exhibit 4.20)	12/20/13	333-192232

<u>Exhibit Number</u>	<u>Exhibit Description</u>	<u>Filed with this Report</u>	<u>Incorporated by Reference herein from Form or Schedule</u>	<u>Filing Date</u>	<u>SEC File/Reg. Number</u>
4.19	Form of Amendment to Warrant to Purchase Shares of Common Stock of the Registrant, issued to TGP Securities, Inc., dated as of December 23, 2013		Amendment No. 3 to Form S-1 (Exhibit 4.21)	1/29/14	333-192232
4.21	Form of Magna Senior Convertible Note		Form 8-K (Exhibit 4.1)	7/1/2014	001-33624
4.22	Magna Warrant to Purchase Common Stock		Form 8-K (Exhibit 4.2)	7/1/2014	001-33624
4.23	Hercules Warrant to Purchase Common Stock		Form 8-K (Exhibit 4.3)	7/1/2014	001-33624
4.24	Form of Warrant to be Issued to Investors in the Offering	X			
4.25	Form of Unit Purchase Option to be Issued to the Underwriters in the Offering	X			
4.26	Form of Warrant Agent Agreement by and between the Registrant and American Stock Transfer and Trust Company	X			
4.27	Warrant to purchase shares of common stock of the Registrant by and between the Registrant and Hampshire MedTech Partner II, L.P., dated as of November 6, 2014		Form 8-K (Exhibit 4.1)	11/7/14	001-33624
5.1	Opinion of Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., counsel to Amedica Corporation, with respect to the legality of the securities being registered	X			
10.1	Securities Purchase Agreement by and between the Registrant and MG Partners II Ltd, dated as of June 30, 2014		Form 8-K (Exhibit 10.1)	7/1/2014	001-33624
10.2	Registration Rights Agreement by and between the Registrant and MG Partners II Ltd., dated as of June 30, 2014		Form 8-K (Exhibit 10.2)	7/1/2014	001-33624
10.3	Loan and Security Agreement by and among the Registrant, its subsidiary, Hercules Technology Growth Capital, Inc., and Hercules Technology III, L.P., dated as of June 30, 2014		Form 8-K (Exhibit 10.3)	7/1/2014	001-33624
10.4	Joint Development and License Agreement by and between the Registrant and Orthopaedic Synergy, Inc., dated as of February 8, 2010**		Amendment No. 3 to Form S-1 (Exhibit 10.7)	1/29/14	333-192232

<u>Exhibit Number</u>	<u>Exhibit Description</u>	<u>Filed with this Report</u>	<u>Incorporated by Reference herein from Form or Schedule</u>	<u>Filing Date</u>	<u>SEC File/Reg. Number</u>
10.5	Distribution Agreement by and between the Registrant and Orthopaedic Synergy, Inc., dated as of February 22, 2010, and First Amendment and Addendum thereto, dated as of November 1, 2012**		Amendment No. 3 to Form S-1 (Exhibit 10.8)	1/29/14	333-192232
10.6	Centrepointe Business Park Lease Agreement Net by and between the Registrant and Centrepointe Properties, LLC, dated as of April 21, 2009		Form S-1 (Exhibit 10.10)	11/8/13	333-192232
10.7	First Addendum to Centrepointe Business Park Lease Agreement Net by and between the Registrant and Centrepointe Properties, LLC, dated as of January 31, 2012		Form S-1 (Exhibit 10.11)	11/8/13	333-192232
10.8	Form of Severance and Change of Control Agreement*		Amendment No. 2 to Form S-1 (Exhibit 10.12)	12/20/13	333-192232
10.9	Form of Indemnification Agreement by and between the Registrant and its officers and directors*		Amendment No. 2 to Form S-1 (Exhibit 10.14)	12/20/13	333-192232
10.10	Amedica Corporation Amended and Restated 2012 Equity Incentive Plan*		Form S-8 (Exhibit 4.7)	4/1/14	333-194977
10.11	Form of 2012 Stock Option Grant Notice and Stock Option Agreement*		Amendment No. 4 to Form S-1 (Exhibit 10.16)	2/12/14	333-192232
10.12	Form of 2012 Restricted Stock Award and Restricted Stock Unit Agreement*		Amendment No. 4 to Form S-1 (Exhibit 10.17)	2/12/14	333-192232
10.13	Amedica Corporation 2003 Stock Option Plan*		Form S-1 (Exhibit 10.18)	11/8/13	333-192232
10.14	Form of 2003 Non-Qualified Stock Option Agreement and Notice of Exercise of Non-Qualified Stock Option thereunder*		Form S-1 (Exhibit 10.19)	11/8/13	333-192232
10.15	Form of 2003 Incentive Stock Option Agreement and Notice of Exercise of Incentive Stock Option thereunder*		Form S-1 (Exhibit 10.20)	11/8/13	333-192232
10.16	Form of Executive Retention Program Agreement*		Form 8-K (Exhibit 10.1)	8/14/14	001-33624

<u>Exhibit Number</u>	<u>Exhibit Description</u>	<u>Filed with this Report</u>	<u>Incorporated by Reference herein from Form or Schedule</u>	<u>Filing Date</u>	<u>SEC File/Reg. Number</u>
10.17	Loan and Security Agreement, dated November 6, 2014, by and among the Registrant, its subsidiary and Hampshire MedTech Partners II, L.P.		Form 8-K (Exhibit 10.1)	11/7/14	001-33624
10.18	Waiver, dated November 6, 2014, from Hercules Technology III, L.P.		Form 8-K (Exhibit 10.2)	11/7/14	001-33624
10.19	Waiver, dated November 6, 2014, from MG Partners II, Ltd.		Form 8-K (Exhibit 10.3)	11/7/14	001-33624
16.1	Letter of Ernst & Young, dated April 18, 2014		Form 8-K (Exhibit 16.1)	4/18/14	001-33624
21.1	List of Subsidiaries of the Registrant		Form S-1 (Exhibit 21.1)	11/8/13	333-192232
23.1	Consent of Independent Registered Public Accounting Firm		Form S-1 (Exhibit 23.1)	11/18/14	333-199753
23.2	Consent of Mintz, Levin, Cohn, Ferris, Glovsky and Popeo P.C. (included as part of Exhibit 5.1)	X			
24.1	Power of Attorney (included on the signature page to this registration statement)		Form S-1 (Exhibit 24.1)	10/31/14	333-199753

* Management contract or compensatory plan or arrangement.

** Portions of this exhibit (indicated by asterisks) have been omitted pursuant to a request for confidential treatment and then filed separately with the SEC.

Item 17. Undertakings

(a) The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) To include any prospectus required by section 10(a)(3) of the Securities Act of 1933;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement;

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(4) That, for the purpose of determining liability of the registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities: The undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

(i) Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;

(ii) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;

(iii) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and

(iv) Any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.

(b) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or Controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Salt Lake City, Utah on November 19, 2014.

AMEDICA CORPORATION

By: /s/ B. Sonny Bal MD

B. Sonny Bal
Chief Executive Officer and President

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons in the capacities held on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ B. Sonny Bal</u> B. Sonny Bal, MD	Chief Executive Officer, President and Chairman of the Board of Directors (principal executive officer)	November 19, 2014
<u>/s/ Gordon G. Esplin</u> Gordon G. Esplin	Vice President Finance (principal financial and accounting officer)	November 19, 2014
<u>*</u> Eric A. Stookey	Director	November 19, 2014
<u>*</u> David W. Truetzel	Director	November 19, 2014
<u>*</u> Jeffrey S. White	Director	November 19, 2014

*By: /s/ B. Sonny Bal
B. Sonny Bal, MD
Attorney-in-fact

UNDERWRITING AGREEMENT

between

AMEDICA CORPORATION

and

DAWSON JAMES SECURITIES, INC.,

as Representative of the Several Underwriters

AMEDICA CORPORATION

UNDERWRITING AGREEMENT

November [], 2014

Dawson James Securities, Inc.
As Representative of the several Underwriters named on Schedule 1 attached hereto
1 North Federal Highway, 5th Floor
Boca Raton, FL 33432

Ladies and Gentlemen:

The undersigned, Amedica Corporation, a corporation formed under the laws of the State of Delaware (the "Company"), hereby confirms its agreement (this "Agreement") with Dawson James Securities, Inc. (the "Representative") and with the other underwriters named on Schedule 1 hereto for which the Representative is acting as representative (the Representative and such other underwriters being collectively called the "Underwriters" or, individually, an "Underwriter") as follows:

1. Purchase and Sale of Units.

(a) Firm Shares and Firm Warrants.

(i) Nature and Purchase of Firm Shares and Firm Warrants.

(A) On the basis of the representations and warranties herein contained, but subject to the terms and conditions herein set forth, the Company agrees to issue and sell to the several Underwriters, an aggregate of a combination of (a) [] shares ("Firm Shares") of the Company's common stock, par value \$0.01 per share (the "Common Stock"), and (b) Warrants to purchase [] shares of Common Stock (the "Firm Warrants"). The Firm Shares and the Firm Warrants will be sold as units (the "Units", with each Unit consisting of one Firm Share and one Firm Warrant).

(B) The Underwriters, severally and not jointly, agree to purchase from the Company the number of Units set forth opposite their respective names on Schedule 1 attached hereto and made a part hereof at a purchase price of \$[] (the "Purchase Price") per Unit (92% of the public offering price per Unit). The Units are to be offered initially to the public at the offering price set forth on the cover page of the Prospectus (as defined in Section 2(a)(i)(B) hereof).

(ii) Shares Payment and Delivery.

(A) Delivery and payment for the Units shall be made at 10:00 a.m., Eastern time, on the third (3rd) Business Day following the effective date (the "Effective Date") of the Registration Statement (as defined in Section 2(a)(i)(A) below) (or the fourth (4th) Business Day following the Effective Date if the Registration Statement is declared effective after 4:01 p.m., Eastern time) or at such earlier time as shall be agreed upon by the Representative and the Company, at the offices of Schiff Hardin LLP, 901 K Street NW, Suite 700, Washington DC 20001 ("Representative Counsel"), or at such other place (or by electronic transmission) as shall be agreed upon by the Representative and the Company. The hour and date of delivery and payment for the Units is called the "Closing Date."

(B) Payment for the Units shall be made on the Closing Date by wire transfer in federal (same day) funds, payable to the order of the Company upon delivery of the certificates (in form and substance satisfactory to the Underwriters) representing the Firm Shares and the Firm Warrants (or through the facilities of the Depository Trust Company ("DTC")), for the account of the Underwriters. The Firm Shares and the Firm Warrants shall be registered in such name or names and in such authorized denominations as the Representative may request in writing two (2) full Business Days prior to the Closing Date. The Company shall not be obligated to sell or deliver the Units except upon tender of payment by the Representative for all of the Units or via delivery versus payment for the Units. The term "Business Day" means any day other than a Saturday, a Sunday or a legal holiday or a day on which banking institutions are authorized or obligated by law to close in New York, New York.

(b) Over-Allotment Option.

(i) Option Securities. For the purposes of covering any over-allotments in connection with the distribution and sale of the Units, the Representative is hereby granted an option (the “Over-Allotment Option”) to purchase, in the aggregate, up to [] (a) []¹ shares of Common Stock (the “Option Shares”), , and (b) Warrants to purchase up to []² shares of Common Stock (the “Option Warrants” and, collectively with the Option Shares, the “Option Securities”), which may be purchased in Units consisting of one Option Share and one Option Warrant, at a purchase price of \$[] per Unit (the “Over-Allotment Unit Purchase Price”).

(ii) Option Closing Purchase Price. In connection with an exercise of the Over-Allotment Option, the purchase price to be paid for the Over-Allotment Units is equal to the product of the Over-Allotment Unit Purchase Price multiplied by the number of Option Securities to be purchased (the aggregate purchase price to be paid on an Option Closing Date, is hereafter referred to as the “Option Closing Purchase Price”).

(iii) Exercise of Over-Allotment Option. The Over-Allotment Option granted pursuant to this Section 1(b) may be exercised by the Representative as to all (at any time) or any part (from time to time) of any combination of the Option Securities within 45 days after the execution date of this Agreement. An Underwriter will not be under any obligation to purchase any Option Securities prior to the exercise of the Over-Allotment Option by the Representative. The Over-Allotment Option granted hereby may be exercised by the giving of oral notice to the Company from the Representative, which must be confirmed in writing by overnight mail or by electronic transmission setting forth the number of Option Shares and/or Option Warrants to be purchased and the date and time for delivery of and payment for the Option Securities (each, an “Option Closing Date”), which will not be later than three (3) full Business Days after the date of the notice or such other time as shall be agreed upon by the Company and the Representative, at the offices of the Representative Counsel, or at such other place (including remotely by electronic transmission) as shall be agreed upon by the Company and the Representative. If such delivery and payment for the Option Securities does not occur on the Closing Date, each Option Closing Date will be as set forth in the notice. Upon exercise of the Over-Allotment Option, the Company will become obligated to convey to the Underwriters, and, subject to the terms and conditions set forth herein, the Underwriters will become obligated to purchase, the number of Option Securities specified in such notice. The Representative may cancel the Over-Allotment Option at any time prior to the expiration of the Over-Allotment Option by written notice to the Company. The Units and the Option Securities are hereinafter referred to together as the “Public Securities.” The offering and sale of the Public Securities is hereinafter referred to as the “Offering.”

(iv) Payment and Delivery. Payment for the Option Securities shall be made on the Option Closing Date by wire transfer in federal (same day) funds, payable to the order of the Company upon delivery of the certificates (in form and substance satisfactory to the Underwriters) representing the Option Securities (or through the facilities of DTC) for the account of the Underwriters. The Option Securities shall be registered in such name or names and in such authorized denominations as the Representative may request in writing at least two (2) full Business Days prior to the Option Closing Date. The Company shall not be obligated to sell or deliver the Option Securities except upon tender of payment by the Representative for applicable Option Securities.

(c) Representative’s Unit Purchase Options.

(i) Unit Purchase Options. The Company hereby agrees to issue to the Representative (and/or its designees) on the Closing Date and each Option Closing Date, if applicable, a unit purchase option (“Representative’s Unit Purchase Option”) for the purchase of (a) a number of Units equal to 5.0% of the number of Units issued in the Offering and, (b) if applicable, 5.0% of the number of Option Securities, in the form attached hereto as Exhibit A (the “Representative’s Unit Purchase Option Agreement”), at an initial exercise price of \$[], which is equal to 125% of the initial public offering price per Unit. The Representative’s Unit Purchase Option and the shares of Common Stock issuable upon exercise thereof are hereinafter referred to together as the “Representative’s Securities.” The Representative understands and agrees that there are significant restrictions pursuant to FINRA Rule 5110 against transferring the Representative’s Unit Purchase Option and the underlying securities during the one hundred eighty (180) days after the Effective Date and by its acceptance thereof shall agree that it will not sell, transfer, assign, pledge or hypothecate the Representative’s Unit Purchase Option, or any portion thereof, or be the subject of any hedging, short sale, derivative, put or call transaction that would result in the effective economic disposition of such securities for a period of one hundred eighty (180) days following the Effective Date to anyone other than (i) an Underwriter or a selected dealer in connection with the Offering, or (ii) a bona fide officer or partner of the Representative or of any such Underwriter or selected dealer; or as otherwise expressly permitted by Rule 5110(g), and only if any such transferee agrees to the foregoing lock-up restrictions.

(ii) Delivery. Delivery of the Representative's Unit Purchase Option Agreement shall be made on the Closing Date or Option Closing Date, as applicable, and shall be issued in the name or names and in such authorized denominations as the Representative may request.

2. Representations and Warranties of the Company. The Company represents and warrants to the Underwriters as of the Applicable Time (as defined below), as of the Closing Date and as of the Option Closing Date, if any, as follows:

(a) Filing of Registration Statement.

(i) Pursuant to the Securities Act.

(A) The Company has filed with the U.S. Securities and Exchange Commission (the "Commission") a registration statement, and an amendment or amendments thereto, on Form S-1 (File No. 333-199753), including any related prospectus or prospectuses, for the registration of the Public Securities and the Representative's Securities under the Securities Act of 1933, as amended (the "Securities Act"), which registration statement and amendment or amendments have been prepared by the Company in conformity in all material respects with the requirements of the Securities Act and the rules and regulations of the Commission under the Securities Act (the "Securities Act Regulations") and will contain all material statements that are required to be stated therein in accordance with the Securities Act and the Securities Act Regulations. Except as the context may otherwise require, such registration statement, as amended, on file with the Commission at the time the registration statement became effective (including the Preliminary Prospectus included in the registration statement, financial statements, schedules, exhibits and all other documents filed as a part thereof or incorporated therein by reference and all information deemed to be a part thereof as of the Effective Date pursuant to paragraph (b) of Rule 430A of the Securities Act Regulations (the "Rule 430A Information")), is referred to herein as the "Registration Statement." If the Company files any registration statement pursuant to Rule 462(b) of the Securities Act Regulations, then after such filing, the term "Registration Statement" shall include such registration statement filed pursuant to Rule 462(b). The Registration Statement has been declared effective by the Commission on the date hereof.

(B) Each prospectus used prior to the effectiveness of the Registration Statement, and each prospectus that omitted the Rule 430A Information that was used after such effectiveness and prior to the execution and delivery of this Agreement, is herein called a "Preliminary Prospectus." The Preliminary Prospectus, subject to completion, dated November [], 2014, that was included in the Registration Statement immediately prior to the Applicable Time is hereinafter called the "Pricing Prospectus." The final prospectus in the form first furnished to the Underwriters for use in the Offering is hereinafter called the "Prospectus." Any reference to the "most recent Preliminary Prospectus" shall be deemed to refer to the latest Preliminary Prospectus included in the Registration Statement.

(C) "Applicable Time" means [TIME] [a.m./p.m.], Eastern time, on the date of this Agreement.

(D) "Issuer Free Writing Prospectus" means any "issuer free writing prospectus," as defined in Rule 433 of the Securities Act Regulations ("Rule 433"), including without limitation any "free writing prospectus" (as defined in Rule 405 of the Securities Act Regulations) relating to the Public Securities that is (i) required to be filed with the Commission by the Company, (ii) a "road show that is a written communication" within the meaning of Rule 433(d)(8)(i), whether or not required to be filed with the Commission, or (iii) exempt from filing with the Commission pursuant to Rule 433(d)(5)(i) because it contains a description of the Public Securities or of the Offering that does not reflect the final terms, in each case in the form filed or required to be filed with the Commission or, if not required to be filed, in the form retained in the Company's records pursuant to Rule 433(g).

(E) "Issuer General Use Free Writing Prospectus" means any Issuer Free Writing Prospectus that is intended for general distribution to prospective investors (other than a "*bona fide* electronic road show," as defined in Rule 433 (the "Bona Fide Electronic Road Show"), as evidenced by its being specified in Schedule 2-B hereto.

(F) "Issuer Limited Use Free Writing Prospectus" means any Issuer Free Writing Prospectus that is not an Issuer General Use Free Writing Prospectus.

(G) “Pricing Disclosure Package” means any Issuer General Use Free Writing Prospectus issued at or prior to the Applicable Time, the Pricing Prospectus and the information included on Schedule 2-A hereto, all considered together.

(ii) Pursuant to the Exchange Act. The Company has filed with the Commission a Form 8-A providing for the registration pursuant to Section 12(b) under the Securities Exchange Act of 1934, as amended (the “Exchange Act”), of the shares of Common Stock of the Company. The registration of the shares of Common Stock of the Company under the Exchange Act has been declared effective by the Commission. The Company has taken no action designed to, or likely to have the effect of, terminating the registration of the shares of Common Stock of the Company under the Exchange Act, nor has the Company received any notification that the Commission is contemplating terminating such registration.

(b) Stock Exchange Listing. The shares of Common Stock have been approved for listing on The NASDAQ Capital Market (the “Exchange”) and the Company has taken no action designed to, or likely to have the effect of, delisting the shares of Common Stock from the Exchange, nor has the Company received any notification that the Exchange is contemplating terminating such listing.

(c) No Stop Orders, etc. Neither the Commission nor, to the Company’s knowledge, any state regulatory authority has issued any order preventing or suspending the use of the Registration Statement, any Preliminary Prospectus or the Prospectus or has instituted or, to the Company’s knowledge, threatened to institute, any proceedings with respect to such an order. The Company has complied with each request (if any) from the Commission for additional information.

(d) Subsidiaries. The Company has one subsidiary, US Spine, Inc., a Delaware corporation (the “Subsidiary”). The Subsidiary has been duly incorporated and is validly existing as a corporation in good standing under the laws of the State of Delaware, with power and authority to own, lease and operate its properties and conduct its business as described in the Pricing Prospectus, and has been duly qualified as a foreign corporation for the transaction of business and is in good standing under the laws of each other jurisdiction in which it owns or leases properties or conducts any business so as to require such qualification, except where the failure so to qualify or be in good standing would not have a Material Adverse Change (as defined below); all of the issued and outstanding capital stock (or other ownership interests) of the Subsidiary has been duly and validly authorized and issued, is fully paid and non-assessable and is owned by the Company free and clear of any security interest, mortgage, pledge, lien, encumbrance, claim or equity. Unless otherwise set forth, all references in this Section 2 to the “Company” shall include the Subsidiary.

(e) Disclosures in Registration Statement.

(i) Compliance with Securities Act and 10b-5 Representation.

(A) Each of the Registration Statement and any post-effective amendment thereto, at the time it became effective, complied in all material respects with the requirements of the Securities Act and the Securities Act Regulations. Each Preliminary Prospectus, including the prospectus filed as part of the Registration Statement as originally filed or as part of any amendment or supplement thereto, and the Prospectus, at the time each was filed with the Commission, complied in all material respects with the requirements of the Securities Act and the Securities Act Regulations. Each Preliminary Prospectus delivered to the Underwriters for use in connection with this Offering and the Prospectus was or will be identical to the electronically transmitted copies thereof filed with the Commission pursuant to EDGAR, except to the extent permitted by Regulation S-T.

(B) Neither the Registration Statement nor any amendment thereto, at its effective time, as of the Applicable Time, at the Closing Date or at any Option Closing Date (if any), contained, contains or will contain an untrue statement of a material fact or omitted, omits or will omit to state a material fact required to be stated therein or necessary to make the statements therein not misleading.

(C) The Pricing Disclosure Package, as of the Applicable Time, at the Closing Date or at any Option Closing Date (if any), did not, does not and will not include an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; and each Issuer Limited Use Free Writing Prospectus does not conflict with the information contained in the Registration Statement, any Preliminary Prospectus, the Pricing Prospectus or the Prospectus, and each such Issuer Limited Use Free Writing Prospectus, as supplemented by and taken together with the Pricing Prospectus as of the Applicable Time, did not include an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in light of the circumstances under

which they were made, not misleading; provided, however, that this representation and warranty shall not apply to statements made or statements omitted in reliance upon and in conformity with written information furnished to the Company with respect to the Underwriters by the Representative expressly for use in the Registration Statement, the Pricing Prospectus or the Prospectus or any amendment thereof or supplement thereto. The parties acknowledge and agree that such information provided by or on behalf of any Underwriter consists solely of the following disclosure contained in the “Underwriting” section of the Prospectus: the first paragraph of the “Underwriting” section; “—Discounts, Commissions, Expenses”; “—Underwriters’ Warrants”; “—Price Stabilization, Short Positions and Penalty Bids”; and “—Electronic Distribution” (the “Underwriters’ Information”); and

(D) Neither the Prospectus nor any amendment or supplement thereto (including any prospectus wrapper), as of its issue date, at the time of any filing with the Commission pursuant to Rule 424(b), at the Closing Date or at any Option Closing Date, included, includes or will include an untrue statement of a material fact or omitted, omits or will omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; provided, however, that this representation and warranty shall not apply to the Underwriters’ Information.

(ii) Disclosure of Agreements. The agreements and documents described in the Registration Statement, the Pricing Disclosure Package and the Prospectus conform in all material respects to the descriptions thereof contained therein and there are no agreements or other documents required by the Securities Act and the Securities Act Regulations to be described in the Registration Statement, the Pricing Disclosure Package and the Prospectus or to be filed with the Commission as exhibits to the Registration Statement, that have not been so described or filed. Each agreement or other instrument (however characterized or described) to which the Company is a party or by which it is or may be bound or affected and (i) that is referred to in the Registration Statement, the Pricing Disclosure Package and the Prospectus, and (ii) is material to the Company’s business, has been duly authorized and validly executed by the Company, is in full force and effect in all material respects and is enforceable against the Company and, to the Company’s knowledge, the other parties thereto, in accordance with its terms, except (x) as such enforceability may be limited by bankruptcy, insolvency, reorganization or similar laws affecting creditors’ rights generally, (y) as enforceability of any indemnification or contribution provision may be limited under the federal and state securities laws, and (z) that the remedy of specific performance and injunctive and other forms of equitable relief may be subject to the equitable defenses and to the discretion of the court before which any proceeding therefor may be brought. None of such agreements or instruments has been assigned by the Company, and neither the Company nor, to the Company’s knowledge, any other party is in default thereunder and, to the Company’s knowledge, no event has occurred that, with the lapse of time or the giving of notice, or both, would constitute a default thereunder, except as disclosed in the Registration Statement, the General Disclosure Package and the Prospectus. To the Company’s knowledge, performance by the Company of the material provisions of such agreements or instruments will not result in a violation of any existing applicable law, rule, regulation, judgment, order or decree of any governmental agency or court, domestic or foreign, having jurisdiction over the Company or any of its assets or businesses (each, a “Governmental Entity”), including, without limitation, those relating to environmental laws and regulations.

(iii) Prior Securities Transactions. No securities of the Company have been sold by the Company or by or on behalf of, or for the benefit of, any person or persons controlling, controlled by or under common control with the Company, except as disclosed in the Registration Statement, the Pricing Disclosure Package and the Preliminary Prospectus.

(iv) Regulations. The disclosures in the Registration Statement, the Pricing Disclosure Package and the Prospectus concerning the effects of federal, state, local and all foreign regulation on the Offering and the Company’s business as currently contemplated are correct in all material respects and no other such regulations are required to be disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus which are not so disclosed.

(f) Changes After Dates in Registration Statement.

(i) No Material Adverse Change. Since the respective dates as of which information is given in the Registration Statement, the Pricing Disclosure Package and the Prospectus, except as otherwise specifically stated therein: (i) there has been no material adverse change in the financial position or results of operations of the Company, nor any change or development that, singularly or in the aggregate, would involve a material adverse change or a prospective material adverse change, in or affecting the condition (financial or otherwise), results of operations, business, assets or prospects of the Company (a “Material Adverse Change”); (ii) there have been no material transactions entered into by the Company, other than as contemplated pursuant to this Agreement; and (iii) no officer or director of the Company has resigned from any position with the Company.

(ii) Recent Securities Transactions, etc. Subsequent to the respective dates as of which information is given in the Registration Statement, the Pricing Disclosure Package and the Prospectus, and except as may otherwise be indicated or

contemplated herein or disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus, the Company has not: (i) issued any securities (other than (i) grants under any stock compensation plan and (ii) shares of common stock issued upon exercise or conversion of option, warrants or convertible securities described in the Registration Statement, the Pricing Disclosure Package and the Prospectus) or incurred any liability or obligation, direct or contingent, for borrowed money; or (ii) declared or paid any dividend or made any other distribution on or in respect to its capital stock.

(g) Independent Accountants. To the knowledge of the Company, Ernst & Young LLP, during such time as it was engaged by the Company, and Mantyla McReynolds LLC (collectively, the "Auditors"), are each an independent registered public accounting firm as required by the Securities Act and the Securities Act Regulations and the Public Company Accounting Oversight Board. During such time period in which the Auditors served as the Company's independent registered public accounting firm the Auditors did not or have not, during the periods covered by the financial statements included in the Registration Statement, the Pricing Disclosure Package and the Prospectus, provided to the Company any non-audit services, as such term is used in Section 10A(g) of the Exchange Act.

(h) SEC Reports; Financial Statements, etc. The Company has complied in all material respects with requirements to file all reports, schedules, forms, statements and other documents required to be filed by it under the Securities Act and the Exchange Act, including pursuant to Section 13(a) or 15(d) thereof (the foregoing materials, including the exhibits thereto and documents incorporated by reference therein, being collectively referred to herein as the "SEC Reports") on a timely basis or has received a valid extension of such time of filing and has filed any such SEC Reports prior to the expiration of any such extension. As of their respective dates, the SEC Reports complied in all material respects with the requirements of the Securities Act and the Exchange Act and the rules and regulations of the Commission promulgated thereunder, and none of the SEC Reports, when filed, contained any untrue statement of a material fact or omitted to state a material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. The financial statements of the Company included in the SEC Reports comply in all material respects with applicable accounting requirements and the rules and regulations of the Commission with respect thereto as in effect at the time of filing. Such financial statements have been prepared in accordance with United States generally accepted accounting principles applied on a consistent basis during the periods involved ("GAAP"), except as may be otherwise specified in such financial statements or the notes thereto and except that unaudited financial statements may not contain all footnotes required by GAAP, and fairly present in all material respects the financial position of the Company and its consolidated subsidiaries as of and for the dates thereof and the results of operations and cash flows for the periods then ended, subject, in the case of unaudited statements, to normal, immaterial, year-end audit adjustments. The financial statements, including the notes thereto and supporting schedules included in the Registration Statement, the Pricing Disclosure Package and the Prospectus, fairly present in all material respects the financial position and the results of operations of the Company at the dates and for the periods to which they apply; and such financial statements have been prepared in conformity with GAAP, consistently applied throughout the periods involved (provided that unaudited interim financial statements are subject to year-end audit adjustments that are not expected to be material in the aggregate and do not contain all footnotes required by GAAP); and the supporting schedules included in the Registration Statement present fairly in all material respects the information required to be stated therein. Except as included therein, no historical or pro forma financial statements are required to be included in the Registration Statement, the Pricing Disclosure Package or the Prospectus under the Securities Act or the Securities Act Regulations. The pro forma and pro forma as adjusted financial information and the related notes, if any, included in the Registration Statement, the Pricing Disclosure Package and the Prospectus have been properly compiled and prepared in accordance with the applicable requirements of the Securities Act and the Securities Act Regulations and present fairly in all material respects the information shown therein, and the assumptions used in the preparation thereof are reasonable and the adjustments used therein are appropriate to give effect to the transactions and circumstances referred to therein. All disclosures contained in the Registration Statement, the Pricing Disclosure Package or the Prospectus regarding "non-GAAP financial measures" (as such term is defined by the rules and regulations of the Commission), if any, comply with Regulation G of the Exchange Act and Item 10 of Regulation S-K of the Securities Act, to the extent applicable. Each of the Registration Statement, the Pricing Disclosure Package and the Prospectus discloses all material off-balance sheet transactions, arrangements, obligations (including contingent obligations), and other relationships of the Company with unconsolidated entities or other persons that may have a material current or future effect on the Company's financial condition, changes in financial condition, results of operations, liquidity, capital expenditures, capital resources, or significant components of revenues or expenses. Except as disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus, (a) the Company has not incurred any material liabilities or obligations, direct or contingent, or entered into any material transactions other than in the ordinary course of business, (b) the Company has not declared or paid any dividends or made any distribution of any kind with respect to its capital stock, (c) there has not been any change in the capital stock of the Company (other than (i) grants under any stock compensation plan and (ii) shares of common stock issued upon exercise or conversion of option, warrants or convertible securities described in the Registration Statement, the Pricing Disclosure Package and the Prospectus), and (d) there has not been any Material Adverse Change in the Company's long-term or short-term debt.

(i) Authorized Capital; Options, etc. The Company had, at the date or dates indicated in the Registration Statement, the Pricing Disclosure Package and the Prospectus, the duly authorized, issued and outstanding capitalization as set forth therein. Based on the assumptions stated in the Registration Statement, the Pricing Disclosure Package and the Prospectus, the Company will have on the Closing Date the adjusted stock capitalization set forth therein. Except as set forth in, or contemplated by, the Registration Statement, the Pricing Disclosure Package and the Prospectus, on the Effective Date, as of the Applicable Time and on the Closing Date and any Option Closing Date, there will be no stock options, warrants, or other rights to purchase or otherwise acquire any authorized, but unissued shares of Common Stock of the Company or any security convertible or exercisable into shares of Common Stock of the Company, or any contracts or commitments to issue or sell shares of Common Stock or any such options, warrants, rights or convertible securities.

(j) Valid Issuance of Securities, etc.

(i) Outstanding Securities. All issued and outstanding securities of the Company issued prior to the transactions contemplated by this Agreement have been duly authorized and validly issued and are fully paid and non-assessable; the holders thereof have no rights of rescission with respect thereto, and are not subject to personal liability by reason of being such holders; and none of such securities were issued in violation of the preemptive rights of any holders of any security of the Company or similar contractual rights granted by the Company. The authorized shares of Common Stock, Company preferred stock and other outstanding securities conform in all material respects to all statements relating thereto contained in the Registration Statement, the Pricing Disclosure Package and the Prospectus. The offers and sales of the outstanding shares of Common Stock were at all relevant times either registered under the Securities Act and the applicable state securities or “blue sky” laws or, based in part on the representations and warranties of the purchasers of such shares, exempt from such registration requirements.

(ii) Securities Sold Pursuant to this Agreement. The Public Securities and Representative’s Securities have been duly authorized for issuance and sale and, when issued and paid for, will be validly issued, fully paid and non-assessable; the holders thereof are not and will not be subject to personal liability by reason of being such holders; the Public Securities and Representative’s Securities are not and will not be subject to the preemptive rights of any holders of any security of the Company or similar contractual rights granted by the Company (except for any such rights that have been waived); and all corporate action required to be taken for the authorization, issuance and sale of the Public Securities and Representative’s Securities has been duly and validly taken. All corporate action required to be taken for the authorization, issuance and sale of the Firm Warrants and Option Warrants (collectively, the “Warrants”) has been duly and validly taken; the shares of Common Stock issuable upon exercise of the Warrants have been duly authorized and reserved for issuance by all necessary corporate action on the part of the Company and when paid for and issued in accordance with the Warrants and the Warrant Agent Agreement, such shares of Common Stock will be validly issued, fully paid and non-assessable; the holders thereof are not and will not be subject to personal liability by reason of being such holders; and such shares of Common Stock are not and will not be subject to the preemptive rights of any holders of any security of the Company or similar contractual rights granted by the Company (except for any such rights that have been waived). The Public Securities and Representative’s Securities conform in all material respects to all statements with respect thereto contained in the Registration Statement, the Pricing Disclosure Package and the Prospectus. All corporate action required to be taken for the authorization, issuance and sale of the Representative’s Unit Purchase Option has been duly and validly taken; the shares of Common Stock issuable upon exercise of the Representative’s Unit Purchase Option have been duly authorized and reserved for issuance by all necessary corporate action on the part of the Company and when paid for and issued in accordance with the Representative’s Unit Purchase Option and the Representative’s Unit Purchase Option Agreement, such shares of Common Stock will be validly issued, fully paid and non-assessable; the holders thereof are not and will not be subject to personal liability by reason of being such holders; and such shares of Common Stock are not and will not be subject to the preemptive rights of any holders of any security of the Company or similar contractual rights granted by the Company (except for any such rights that have been waived).

(k) Registration Rights of Third Parties. Except as set forth in the Registration Statement, the Pricing Disclosure Package and the Prospectus, no holders of any securities of the Company or any rights exercisable for or convertible or exchangeable into securities of the Company have the right to require the Company to register any such securities of the Company under the Securities Act or to include any such securities in a registration statement to be filed by the Company (except for any such rights that have been waived).

(l) Validity and Binding Effect of Agreements. This Agreement, the Warrant Agent Agreement with American Stock Transfer and Trust Company (the “Warrant Agent Agreement”) and the Representative’s Unit Purchase Option Agreement have been duly and validly authorized by the Company, and, when executed and delivered, will constitute, the valid and binding agreements of the Company, enforceable against the Company in accordance with their respective terms, except: (i) as such enforceability may be limited by bankruptcy, insolvency, reorganization or similar laws affecting creditors’ rights generally; (ii) as enforceability of any

indemnification or contribution provision may be limited under the federal and state securities laws; and (iii) that the remedy of specific performance and injunctive and other forms of equitable relief may be subject to the equitable defenses and to the discretion of the court before which any proceeding therefor may be brought.

(m) No Conflicts, etc. The execution, delivery and performance by the Company of this Agreement, the Warrant Agent Agreement, the Representative's Unit Purchase Option Agreement and all ancillary documents, the consummation by the Company of the transactions herein and therein contemplated and the compliance by the Company with the terms hereof and thereof do not and will not, with or without the giving of notice or the lapse of time or both: (i) result in a material breach of, or conflict with any of the terms and provisions of, or constitute a material default under, or result in the creation, modification, termination or imposition of any lien, charge or encumbrance upon any property or assets of the Company pursuant to the terms of any agreement or instrument to which the Company is a party; (ii) result in any violation of the provisions of the Company's Certificate of Incorporation (as the same may be amended or restated from time to time, the "Charter") or the by-laws of the Company; or (iii) violate any existing applicable law, rule, regulation, judgment, order or decree of any Governmental Entity applicable to the Company as of the date hereof.

(n) No Defaults; Violations. No material default exists in the due performance and observance of any term, covenant or condition of any material license, contract, indenture, mortgage, deed of trust, note, loan or credit agreement, or any other agreement or instrument evidencing an obligation for borrowed money, or any other material agreement or instrument to which the Company is a party or by which the Company may be bound or to which any of the properties or assets of the Company is subject. The Company is not (i) in violation of any term or provision of its Charter or by-laws, or (ii) in violation of any franchise, license, permit, applicable law, rule, regulation, judgment or decree of any Governmental Entity applicable to the Company.

(o) Corporate Power; Licenses; Consents.

(i) Conduct of Business. Except as described in the Registration Statement, the Pricing Disclosure Package and the Prospectus, the Company has all requisite corporate power and authority, and has all necessary authorizations, approvals, orders, licenses, certificates and permits of and from all governmental regulatory officials and bodies that it needs as of the date hereof to conduct its business purpose as described in the Registration Statement, the Pricing Disclosure Package and the Prospectus.

(ii) Transactions Contemplated Herein. The Company has all corporate power and authority to enter into this Agreement and to carry out the provisions and conditions hereof, and all consents, authorizations, approvals and orders required in connection therewith have been obtained. No consent, authorization or order of, and no filing with, any court, government agency or other body is required for the valid issuance, sale and delivery of the Public Securities and the consummation of the transactions and agreements contemplated by this Agreement, the Warrant Agent Agreement and the Representative's Unit Purchase Option Agreement and as contemplated by the Registration Statement, the Pricing Disclosure Package and the Prospectus, except with respect to applicable federal and state securities laws and the rules and regulations of, the Exchange and the Financial Industry Regulatory Authority, Inc. ("FINRA").

(p) D&O Questionnaires. To the Company's knowledge, all information contained in the questionnaires (the "Questionnaires") completed by each of the Company's directors and officers immediately prior to the Offering (the "Insiders") as supplemented by all information concerning the Company's directors, officers and principal stockholders as described in the Registration Statement, the Pricing Disclosure Package and the Prospectus, as well as in the Lock-Up Agreement (as defined in Section 2(y) below), provided to the Underwriters, is true and correct in all material respects and the Company has not become aware of any information which would cause the information disclosed in the Questionnaires to become materially inaccurate and incorrect.

(q) Litigation; Governmental Proceedings. There is no material action, suit, proceeding, inquiry, arbitration, investigation, litigation or governmental proceeding pending or, to the Company's knowledge, threatened against, or involving the Company or, to the Company's knowledge, any executive officer or director which has not been disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus or in connection with the Company's listing application for the listing of the Public Securities on the Exchange.

(r) Good Standing. The Company has been duly organized and is validly existing as a corporation and is in good standing under the laws of the State of Delaware as of the date hereof, and is duly qualified to do business and is in good standing in each other jurisdiction in which its ownership or lease of property or the conduct of business requires such qualification, except where the failure to qualify, singularly or in the aggregate, would not have or reasonably be expected to result in a Material Adverse Change.

(s) Insurance. The Company carries or is entitled to the benefits of insurance, with, to the Company's knowledge, reputable insurers, and in such amounts and covering such risks which the Company believes are reasonably adequate, and all such insurance is in full force and effect. The Company has no reason to believe that it will not be able (i) to renew its existing insurance coverage as and when such policies expire or (ii) to obtain comparable coverage from similar institutions as may be necessary or appropriate to conduct its business as now conducted and at a cost that would not result in a Material Adverse Change.

(t) Transactions Affecting Disclosure to FINRA.

(i) Finder's Fees. Except as described in the Registration Statement, the Pricing Disclosure Package and the Prospectus, there are no claims, payments, arrangements, agreements or understandings relating to the payment of a finder's, consulting or origination fee by the Company or any Insider with respect to the sale of the Public Securities hereunder or any other arrangements, agreements or understandings of the Company or, to the Company's knowledge, any of its stockholders that may affect the Underwriters' compensation, as determined by FINRA.

(ii) Payments Within Twelve (12) Months. Except as described in the Registration Statement, the Pricing Disclosure Package and the Prospectus, the Company has not made any direct or indirect payments (in cash, securities or otherwise) to: (i) any person, as a finder's fee, consulting fee or otherwise, in consideration of such person raising capital for the Company or introducing to the Company persons who raised or provided capital to the Company; (ii) any FINRA member; or (iii) any person or entity that has any direct or indirect affiliation or association with any FINRA member, within the twelve (12) months prior to the Effective Date, other than the payment to the Underwriters as provided hereunder in connection with the Offering.

(iii) Use of Proceeds. None of the net proceeds of the Offering will be paid by the Company to any participating FINRA member or its affiliates, except as specifically authorized herein.

(iv) FINRA Affiliation. There is no (i) officer or director of the Company, (ii) beneficial owner of 5% or more of any class of the Company's securities or (iii) beneficial owner of the Company's unregistered equity securities which were acquired during the 180-day period immediately preceding the filing of the Registration Statement that is an affiliate or associated person of a FINRA member participating in the Offering (as determined in accordance with the rules and regulations of FINRA).

(v) Information. All information provided by the Company in its FINRA Questionnaire to Representative Counsel specifically for use by Representative Counsel in connection with its Public Offering System filings (and related disclosure) with FINRA is true, correct and complete in all material respects.

(u) Foreign Corrupt Practices Act. Neither the Company nor, to the Company's knowledge, any director, officer, agent, employee or affiliate of the Company or any other person acting on behalf of the Company, has, directly or indirectly, given or agreed to give any money, gift or similar benefit (other than legal price concessions to customers in the ordinary course of business) to any customer, supplier, employee or agent of a customer or supplier, or official or employee of any governmental agency or instrumentality of any government (domestic or foreign) or any political party or candidate for office (domestic or foreign) or other person who was, is, or may be in a position to help or hinder the business of the Company (or assist it in connection with any actual or proposed transaction) that (i) might subject the Company to any damage or penalty in any civil, criminal or governmental litigation or proceeding, (ii) if not given in the past, might have had a Material Adverse Change or (iii) if not continued in the future, might adversely affect the assets, business, operations or prospects of the Company. The Company has taken reasonable steps to ensure that its accounting controls and procedures are sufficient to cause the Company to comply in all material respects with the Foreign Corrupt Practices Act of 1977, as amended.

(v) Compliance with OFAC. Neither of the Company nor, to the Company's knowledge, any director, officer, agent, employee or affiliate of the Company or any other person acting on behalf of the Company, is currently subject to any U.S. sanctions administered by the Office of Foreign Assets Control of the U.S. Department of the Treasury ("OFAC"), and the Company will not, directly or indirectly, use the proceeds of the Offering hereunder, or lend, contribute or otherwise make available such proceeds to any subsidiary, joint venture partner or other person or entity, for the purpose of financing the activities of any person currently subject to any U.S. sanctions administered by OFAC.

(w) Money Laundering Laws. The operations of the Company are and have been conducted at all times in compliance with applicable financial recordkeeping and reporting requirements of the Currency and Foreign Transactions Reporting Act of 1970, as amended, the money laundering statutes of all applicable jurisdictions, the rules and regulations thereunder and any related or

similar rules, regulations or guidelines, issued, administered or enforced by any Governmental Entity (collectively, the “Money Laundering Laws”); and no action, suit or proceeding by or before any Governmental Entity involving the Company with respect to the Money Laundering Laws is pending or, to the knowledge of the Company, threatened.

(x) Officers’ Certificate. Any certificate signed by any duly authorized officer of the Company and delivered to you or to Representative Counsel shall be deemed a representation and warranty by the Company to the Underwriters as to the matters covered thereby.

(y) Lock-Up Agreements. Schedule 3 hereto contains a complete and accurate list of the Company’s officers and directors (collectively, the “Lock-Up Parties”). The Company has caused each of the Lock-Up Parties to deliver to the Representative an executed Lock-Up Agreement, in the form attached hereto as Exhibit B (the “Lock-Up Agreement”), prior to the execution of this Agreement.

(z) Related Party Transactions. There are no business relationships or related party transactions involving the Company or any other person required to be described in the Registration Statement, the Pricing Disclosure Package and the Prospectus that have not been described as required.

(aa) Board of Directors. The Board of Directors of the Company is comprised of the persons set forth under the heading of the Pricing Prospectus and the Prospectus captioned “Management.” The qualifications of the persons serving as board members and the overall composition of the board comply with the Exchange Act, the Exchange Act Regulations, the Sarbanes-Oxley Act of 2002 and the rules promulgated thereunder (the “Sarbanes-Oxley Act”) applicable to the Company and the listing rules of the Exchange. At least one member of the Audit Committee of the Board of Directors of the Company qualifies as an “audit committee financial expert,” as such term is defined under Regulation S-K and the listing rules of the Exchange. In addition, at least a majority of the persons serving on the Board of Directors qualify as “independent,” as defined under the listing rules of the Exchange.

(bb) Sarbanes-Oxley Compliance.

(i) Disclosure Controls. The Company has developed and currently maintains disclosure controls and procedures that will comply with Rule 13a-15 or 15d-15 under the Exchange Act Regulations applicable to it, and such controls and procedures are effective to ensure that all material information concerning the Company will be made known on a timely basis to the individuals responsible for the preparation of the Company’s Exchange Act filings and other public disclosure documents.

(ii) Compliance. The Company is, or at the Applicable Time and on the Closing Date will be, in material compliance with the provisions of the Sarbanes-Oxley Act applicable to it, and has implemented or will implement such programs and taken reasonable steps to ensure the Company’s future compliance (not later than the relevant statutory and regulatory deadlines therefor) with all of the material provisions of the Sarbanes-Oxley Act.

(cc) Accounting Controls. The Company maintains systems of “internal control over financial reporting” (as defined under Rules 13a-15 and 15d-15 under the Exchange Act Regulations) that comply with the requirements of the Exchange Act and have been designed by, or under the supervision of, its principal executive and principal financial officers, or persons performing similar functions, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with GAAP, including, but not limited to, internal accounting controls sufficient to provide reasonable assurance that (i) transactions are executed in accordance with management’s general or specific authorizations; (ii) transactions are recorded as necessary to permit preparation of financial statements in conformity with GAAP and to maintain asset accountability; (iii) access to assets is permitted only in accordance with management’s general or specific authorization; and (iv) the recorded accountability for assets is compared with the existing assets at reasonable intervals and appropriate action is taken with respect to any differences. Except as disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus, the Company is not aware of any material weaknesses in its internal controls. The Company’s auditors and the Audit Committee of the Board of Directors of the Company have been advised of: (i) all significant deficiencies and material weaknesses, if any, in the design or operation of internal controls over financial reporting which are known to the Company’s management and that have adversely affected or are reasonably likely to adversely affect the Company’s ability to record, process, summarize and report financial information; and (ii) any fraud, if any, known to the Company’s management, whether or not material, that involves management or other employees who have a significant role in the Company’s internal controls over financial reporting.

(dd) No Investment Company Status. The Company is not and, after giving effect to the Offering and the application of the proceeds thereof as described in the Registration Statement, the Pricing Disclosure Package and the Prospectus, will not be, required to register as an “investment company,” as defined in the Investment Company Act of 1940, as amended.

(ee) No Labor Disputes. No labor dispute with the employees of the Company exists or, to the knowledge of the Company, is imminent.

(ff) Intellectual Property Rights. To the Company’s knowledge, the Company and the Subsidiary has, or can acquire on reasonable terms, ownership of and/or license to, or otherwise has the right to use, all inventions, know-how (including trade secrets and other unpatented and/or unpatentable proprietary or confidential information, systems or procedures), patents and patent rights trademarks, service marks and trade names, copyrights, (collectively “Intellectual Property”) material to carrying on their businesses as described in the Pricing Prospectus. The Company has not received any correspondence relating to any Intellectual Property, including notice of: (A) infringement or misappropriation of, or conflict with, any Intellectual Property of a third party; (B) asserted rights of others with respect to any Intellectual Property of the Company; (C) assertions that any Intellectual Property of the Company is invalid or otherwise inadequate to protect the interest of the Company, that in each case (if the subject of any unfavorable decision, ruling or finding), individually or in the aggregate, would have or would reasonably be expected to have a Material Adverse Change. There are no third parties who have been able to establish any material rights to any Intellectual Property, except for the retained rights of the owners or licensors of any Intellectual Property that is licensed to the Company. There is no pending or, to the Company’s knowledge, threatened action, suit, proceeding or claim by others: (A) challenging the validity, enforceability or scope of any Intellectual Property of the Company or (B) challenging the Company’s rights in or to any Intellectual Property or (C) that the Company materially infringes, misappropriates or otherwise violates or conflicts with any Intellectual Property or other proprietary rights of others. The Company has complied in all material respects with the terms of each agreement described in the Registration Statement, Pricing Disclosure Package or Prospectus pursuant to which any Intellectual Property is licensed to the Company, and all such agreements related to products currently made or sold by the Company, or to product candidates currently under development, are in full force and effect. All patents issued in the name of, or assigned to, the Company, and all patent applications made by or on behalf of the Company (collectively, the “Company Patents”) have been duly and properly filed. The Company is not aware of any material information that was required to be disclosed to the United States Patent and Trademark Office (the “PTO”) but that was not disclosed to the PTO with respect to any issued Company Patent, or that is required to be disclosed and has not yet been disclosed in any pending application in the Company Patents and that would preclude the grant of a patent on such application. To the Company’s knowledge, the Company is the sole owner of the Company Patents.

(gg) Taxes. The Company has filed all returns (as hereinafter defined) required to be filed with taxing authorities prior to the date hereof or has duly obtained extensions of time for the filing thereof. The Company has paid all taxes (as hereinafter defined) shown as due on such returns that were filed and has paid all taxes imposed on or assessed against the Company, except for such exceptions as could not be expected, individually or in the aggregate, to have a Material Adverse Change. The provisions for taxes payable, if any, shown on the financial statements filed with or as part of the Registration Statement are sufficient for all accrued and unpaid taxes, whether or not disputed, and for all periods to and including the dates of such consolidated financial statements. Except as disclosed in writing to the Underwriters, (i) no issues have been raised (and are currently pending) by any taxing authority in connection with any of the returns or taxes asserted as due from the Company, and (ii) no waivers of statutes of limitation with respect to the returns or collection of taxes have been given by or requested from the Company. The term “taxes” mean all federal, state, local, foreign and other net income, gross income, gross receipts, sales, use, ad valorem, transfer, franchise, profits, license, lease, service, service use, withholding, payroll, employment, excise, severance, stamp, occupation, premium, property, windfall profits, customs, duties or other taxes, fees, assessments or charges of any kind whatever, together with any interest and any penalties, additions to tax or additional amounts with respect thereto. The term “returns” means all returns, declarations, reports, statements and other documents required to be filed in respect to taxes.

(hh) Employee Benefit Laws. The operations of the Company and its subsidiaries are and have been conducted at all times in material compliance with the Employee Retirement Income Security Act of 1974, as amended, the rules and regulations thereunder and any related or similar rules, regulations or guidelines, issued, administered or enforced by any governmental agency (collectively, the “Employee Benefit Laws”) and no action, suit or proceeding by or before any court or governmental agency, authority or body or any arbitrator involving the Company or its subsidiaries with respect to the Employee Benefit Laws is pending or, to the knowledge of the Company, threatened.

(ii) Compliance with Laws. The Company: (A) is and at all times has been in compliance with all statutes, rules, or regulations applicable to the ownership, testing, development, manufacture, packaging, processing, use, distribution, marketing, labeling, promotion, sale, offer for sale, storage, import, export or disposal of any product manufactured or distributed by the

Company (“Applicable Laws”), except as would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Change; (B) has not received any correspondence from any Governmental Entity alleging or asserting noncompliance with any Applicable Laws or any licenses, certificates, approvals, clearances, authorizations, permits and supplements or amendments thereto required by any such Applicable Laws (“Authorizations”); (C) possesses all material Authorizations and such Authorizations are valid and in full force and effect and the Company is not in material violation of any term of any such Authorizations, in each case except as would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Change; (D) has not received written notice of any claim, action, suit, proceeding, hearing, enforcement, investigation, arbitration or other action from any Governmental Entity or third party alleging that any product operation or activity is in violation of any Applicable Laws or Authorizations and has no knowledge that any such Governmental Entity or third party is considering any such claim, litigation, arbitration, action, suit, investigation or proceeding; (E) has not received written notice that any Governmental Entity has taken, is taking or intends to take action to limit, suspend, modify or revoke any Authorizations; (F) has filed, obtained, maintained or submitted all material reports, documents, forms, notices, applications, records, claims, submissions and supplements or amendments as required by any Applicable Laws or Authorizations and that all such reports, documents, forms, notices, applications, records, claims, submissions and supplements or amendments were complete and correct in all material respects on the date filed (or were corrected or supplemented by a subsequent submission); and (G) has not, either voluntarily or involuntarily, initiated, conducted, or issued or caused to be initiated, conducted or issued, any recall, market withdrawal or replacement, safety alert, post-sale warning, “dear doctor” letter, or other notice or action relating to the alleged lack of safety or efficacy of any product or any alleged product defect or violation and, to the Company’s knowledge, no third party has initiated, conducted or intends to initiate any such notice or action.

(jj) Clinical Trials. To the knowledge of the Company, the research, studies and tests conducted by or on behalf of the Company have been and, if still pending, are being conducted with reasonable care and in accordance with those experimental protocols, procedures and controls required by any applicable laws and Authorizations; the descriptions of the results of such research, studies and tests contained in the Registration Statement, the Pricing Disclosure Package and the Prospectus are accurate and complete and fairly present the data derived from such research, studies, and tests; except to the extent disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus, the Company is not aware of any research, studies or tests, the results of which the Company believes reasonably call into question the research, study or test results concerning the Company’s current or proposed products described or referred to in the Registration Statement, the Pricing Disclosure Package and the Prospectus when viewed in the context in which such results are described; and except as disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus, the Company has not received any notices or correspondence from any Governmental Entity requiring the termination, suspension or material modification of any research, study or test conducted by or on behalf of the Company. Except as disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus, to the knowledge of the Company, there have been no adverse episodes or complications resulting from any research, study or test conducted by or on behalf of the Company.

(kk) Ineligible Issuer. At the time of filing the Registration Statement and any post-effective amendment thereto, at the time of effectiveness of the Registration Statement and any amendment thereto, at the earliest time thereafter that the Company or another offering participant made a bona fide offer (within the meaning of Rule 164(h)(2) of the Securities Act Regulations) of the Public Securities and at the date hereof, the Company was not and is not an “ineligible issuer,” as defined in Rule 405, without taking account of any determination by the Commission pursuant to Rule 405 that it is not necessary that the Company be considered an ineligible issuer.

(ll) Industry Data. The statistical and market-related data included in each of the Registration Statement, the Pricing Disclosure Package and the Prospectus are based on or derived from sources that the Company reasonably and in good faith believes are reliable and accurate or represent the Company’s good faith estimates that are made on the basis of data derived from such sources.

(mm) Website. None of the information on (or hyperlinked from) the Company’s website at www.amediacorp.com includes or constitutes a “free writing prospectus” as defined in Rule 405 under the Securities Act.

(nn) Margin Securities. The Company owns no “margin securities” as that term is defined in Regulation U of the Board of Governors of the Federal Reserve System (the “Federal Reserve Board”), and none of the proceeds of Offering will be used, directly or indirectly, for the purpose of purchasing or carrying any margin security, for the purpose of reducing or retiring any indebtedness which was originally incurred to purchase or carry any margin security or for any other purpose which might cause any of the shares of Common Stock to be considered a “purpose credit” within the meanings of Regulation T, U or X of the Federal Reserve Board.

3. Covenants of the Company. The Company covenants and agrees as follows:

(a) Amendments to Registration Statement. The Company shall deliver to the Representative, prior to filing, any amendment or supplement to the Registration Statement or Prospectus proposed to be filed after the Effective Date and not file any such amendment or supplement to which the Representative shall reasonably object in writing; provided however, that this Section 3(a) shall not be applicable with respect to any supplements to the Registration Statement filed solely for the purpose of supplementing the Registration Statement or Prospectus with a report filed with the Commission by the Company pursuant to the Exchange Act.

(b) Federal Securities Laws.

(i) Compliance. The Company shall comply with the requirements of Rule 430A of the Securities Act Regulations, and will notify the Representative promptly, and confirm the notice in writing, (i) when any post-effective amendment to the Registration Statement shall become effective or any amendment or supplement to the Prospectus shall have been filed; (ii) of the receipt of any comments from the Commission; (iii) of any request by the Commission for any amendment to the Registration Statement or any amendment or supplement to the Prospectus or for additional information; (iv) of the issuance by the Commission of any stop order suspending the effectiveness of the Registration Statement or any post-effective amendment or of any order preventing or suspending the use of any Preliminary Prospectus or the Prospectus, or of the suspension of the qualification of the Public Securities and Representative's Securities for offering or sale in any jurisdiction, or of the initiation or, to the Company's knowledge, threatening, of any proceedings for any of such purposes or of any examination pursuant to Section 8(d) or 8(e) of the Securities Act concerning the Registration Statement and (v) if the Company becomes the subject of a proceeding under Section 8A of the Securities Act in connection with the Offering of the Public Securities and Representative's Securities. The Company shall effect all filings required under Rule 424(b) of the Securities Act Regulations, in the manner and within the time period required by Rule 424(b) (without reliance on Rule 424(b)(8)), and shall take such steps as it deems necessary to ascertain promptly whether the form of prospectus transmitted for filing under Rule 424(b) was received for filing by the Commission and, in the event that it was not, it will promptly file such prospectus. The Company shall use its best efforts to prevent the issuance of any stop order, prevention or suspension and, if any such order is issued, to obtain the lifting thereof at the earliest possible moment.

(ii) Continued Compliance. The Company shall comply with the Securities Act, the Securities Act Regulations, the Exchange Act and the Exchange Act Regulations so as to permit the completion of the distribution of the Public Securities as contemplated in this Agreement and in the Registration Statement, the Pricing Disclosure Package and the Prospectus. If at any time when a prospectus relating to the Public Securities is (or, but for the exception afforded by Rule 172 of the Securities Act Regulations ("Rule 172"), would be) required by the Securities Act to be delivered in connection with sales of the Public Securities, any event shall occur or condition shall exist as a result of which it is necessary, in the opinion of counsel for the Underwriters or for the Company, to (i) amend the Registration Statement in order that the Registration Statement will not include an untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein not misleading; (ii) amend or supplement the Pricing Disclosure Package or the Prospectus in order that the Pricing Disclosure Package or the Prospectus, as the case may be, will not include any untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein not misleading in the light of the circumstances existing at the time it is delivered to a purchaser or (iii) amend the Registration Statement or amend or supplement the Pricing Disclosure Package or the Prospectus, as the case may be, in order to comply with the requirements of the Securities Act or the Securities Act Regulations, the Company will promptly (A) give the Representative notice of such event; (B) prepare any amendment or supplement as may be necessary to correct such statement or omission or to make the Registration Statement, the Pricing Disclosure Package or the Prospectus comply with such requirements and, a reasonable amount of time prior to any proposed filing or use, furnish the Representative with copies of any such amendment or supplement and (C) file with the Commission any such amendment or supplement; provided that the Company shall not file or use any such amendment or supplement to which the Representative or counsel for the Underwriters shall reasonably object. The Company will furnish to the Underwriters such number of copies of such amendment or supplement as the Underwriters may reasonably request. The Company has given the Representative notice of any filings made pursuant to the Exchange Act or the Exchange Act Regulations within 48 hours prior to the Applicable Time. The Company shall give the Representative notice of its intention to make any such filing from the Applicable Time until the later of the Closing Date and the exercise in full or expiration of the Over-allotment Option specified in Section 1(b) hereof and will furnish the Representative with copies of the related document(s) a reasonable amount of time prior to such proposed filing, as the case may be, and will not file or use any such document to which the Representative or counsel for the Underwriters shall reasonably object.

(iii) Exchange Act Registration. Until the expiration date of the Firm Warrants, the Company shall use its best efforts to maintain the registration of the shares of Common Stock under the Exchange Act. The Company shall not deregister the shares of Common Stock under the Exchange Act without the prior written consent of the Representative.

(iv) Free Writing Prospectuses. The Company agrees that, unless it obtains the prior written consent of the Representative, it shall not make any offer relating to the Public Securities that would constitute an Issuer Free Writing Prospectus or that would otherwise constitute a “free writing prospectus,” or a portion thereof, required to be filed by the Company with the Commission or retained by the Company under Rule 433; provided that the Representative shall be deemed to have consented to each Issuer General Use Free Writing Prospectus and any “road show that is a written communication” within the meaning of Rule 433(d)(8)(i) that has been reviewed by the Representative. The Company represents that it has treated or agrees that it will treat each such free writing prospectus consented to, or deemed consented to, by the Underwriters as an “issuer free writing prospectus,” as defined in Rule 433, and that it has complied and will comply with the applicable requirements of Rule 433 with respect thereto, including timely filing with the Commission where required, legending and record keeping. If at any time following issuance of an Issuer Free Writing Prospectus there occurred or occurs an event or development as a result of which such Issuer Free Writing Prospectus conflicted or would conflict with the information contained in the Registration Statement or included or would include an untrue statement of a material fact or omitted or would omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances existing at that subsequent time, not misleading, the Company will promptly notify the Underwriters and will promptly amend or supplement, at its own expense, such Issuer Free Writing Prospectus to eliminate or correct such conflict, untrue statement or omission.

(c) Delivery to the Underwriters of Registration Statements. The Company has delivered or made available or shall deliver or make available to the Representative and counsel for the Representative, without charge, signed copies of the Registration Statement as originally filed and each amendment thereto (including exhibits filed therewith) and signed copies of all consents and certificates of experts, and will also deliver to the Underwriters, without charge, a conformed copy of the Registration Statement as originally filed and each amendment thereto (without exhibits) for each of the Underwriters. The copies of the Registration Statement and each amendment thereto furnished to the Underwriters will be identical to the electronically transmitted copies thereof filed with the Commission pursuant to EDGAR, except to the extent permitted by Regulation S-T.

(d) Delivery to the Underwriters of Prospectuses. The Company has delivered or made available or will deliver or make available to each Underwriter, without charge, as many copies of each Preliminary Prospectus as such Underwriter reasonably requested, and the Company hereby consents to the use of such copies for purposes permitted by the Securities Act. The Company will furnish to each Underwriter, without charge, during the period when a prospectus relating to the Public Securities is (or, but for the exception afforded by Rule 172, would be) required to be delivered under the Securities Act, such number of copies of the Prospectus (as amended or supplemented) as such Underwriter may reasonably request. The Prospectus and any amendments or supplements thereto furnished to the Underwriters will be identical to the electronically transmitted copies thereof filed with the Commission pursuant to EDGAR, except to the extent permitted by Regulation S-T.

(e) Effectiveness and Events Requiring Notice to the Representative. The Company shall use its commercially reasonable efforts to cause the Registration Statement to remain effective with a current prospectus through and including the expiration date of the Warrants (or the date all Warrants have been exercised or duly called, if earlier), and shall notify the Representative immediately and confirm the notice in writing: (i) of the effectiveness of the Registration Statement and any amendment thereto; (ii) of the issuance by the Commission of any stop order or of the initiation, or to the Company’s knowledge, the threatening, of any proceeding for that purpose; (iii) of the issuance by any state securities commission of any proceedings for the suspension of the qualification of the Public Securities for offering or sale in any jurisdiction or of the initiation, or to the Company’s knowledge, the threatening, of any proceeding for that purpose; (iv) of the mailing and delivery to the Commission for filing of any amendment or supplement to the Registration Statement or Prospectus; (v) of the receipt of any comments or request for any additional information from the Commission; and (vi) of the happening of any event during the period described in this Section 3(e) that, in the judgment of the Company, makes any statement of a material fact made in the Registration Statement, the Pricing Disclosure Package or the Prospectus untrue or that requires the making of any changes in (a) the Registration Statement in order to make the statements therein not misleading, or (b) in the Pricing Disclosure Package or the Prospectus in order to make the statements therein, in light of the circumstances under which they were made, not misleading. If the Commission or any state securities commission shall enter a stop order or suspend such qualification at any time, the Company shall make every reasonable effort to obtain promptly the lifting of such order.

(f) Listing. The Company shall use its commercially reasonable efforts to maintain the listing of the shares of Common Stock (including the Public Securities) on the Exchange for at least five years from the date of this Agreement.

(g) Reports to the Representative.

(i) Periodic Reports, etc. For a period of three (3) years after the date of this Agreement, the Company shall furnish to the Representative copies of such financial statements and other periodic and special reports as the Company from time to time furnishes generally to holders of any class of its securities and also promptly furnish to the Representative: (i) a copy of each periodic report the Company shall be required to file with the Commission under the Exchange Act and the Exchange Act Regulations; (ii) a copy of every press release and every news item and article with respect to the Company or its affairs which was released by the Company and filed or furnished on a Current Report on Form 8-K; (iii) a copy of each Current Report on Form 8-K prepared and filed by the Company; and (iv) five copies of each registration statement filed by the Company under the Securities Act. Documents filed with the Commission pursuant to its EDGAR system shall be deemed to have been delivered to the Representative pursuant to this Section 3(g)(i).

(ii) Transfer and Warrant Agent. The Company shall retain a transfer agent and registrar for the Common Stock and Warrants.

(h) Payment of Expenses.

(i) General Expenses Related to the Offering. The Company hereby agrees to pay on each of the Closing Date and the Option Closing Date, if any, to the extent not paid at the Closing Date, all expenses incident to the performance of the obligations of the Company under this Agreement, including, but not limited to: (a) all filing fees and communication expenses relating to the registration of the Units and Option Securities to be sold in the Offering with the Commission; (b) all actual Public Offering Filing System filing fees associated with the review of the Offering by FINRA; (c) all fees and expenses relating to the listing of the Firm Shares and Option Shares and the Common Stock underlying the Firm Warrants and Option Warrants on the Exchange; (d) all fees, expenses and disbursements relating to the registration or qualification of the Public Securities under the "blue sky" securities laws of such states and other jurisdictions as the Representative may reasonably designate (including, without limitation, all filing and registration fees); (e) all actual fees, expenses and disbursements relating to the registration, qualification or exemption of the Public Securities under the securities laws of such foreign jurisdictions as the Representative may reasonably designate; (f) the costs of all mailing and printing of the underwriting documents, Registration Statements, Prospectuses and all amendments, supplements and exhibits thereto and as many preliminary and final Prospectuses as the Representative may reasonably deem necessary; (g) the costs of preparing, printing and delivering certificates representing the Public Securities; (h) fees and expenses of the transfer and warrant agent for the shares of Common Stock and Warrants; (i) stock transfer and/or stamp taxes, if any, payable upon the transfer of securities from the Company to the Underwriters; (j) the fees and expenses of the Company's accountants; (k) the fees and expenses of the Company's legal counsel and other agents and representatives; (l) the fees and expenses of the Underwriter's legal counsel not to exceed \$75,000 (less the \$25,000 advance paid pursuant to that certain engagement letter, dated October 21, 2014, by and between the Company and the Representative, provided that any portion of the advance not utilized shall be returned); and (m) up to \$12,500 for the Underwriter's actual accountable "road show" expenses for the Offering. The Representative may deduct from the net proceeds of the Offering payable to the Company on the Closing Date, or the Option Closing Date, if any, the expenses set forth herein to be paid by the Company to the Underwriters, provided, however, that in the event that the Offering is terminated, the Company agrees to reimburse the Underwriters pursuant to Section 8(c) hereof.

(ii) Non-accountable Expenses. The Company further agrees that, in addition to the expenses payable pursuant to Section 3(h)(i), on the Closing Date it shall pay to the Representative, by deduction from the net proceeds of the Offering contemplated herein, a non-accountable expense allowance equal to one percent (1%) of the gross proceeds received by the Company from the sale of the Units (excluding the Option Securities, if any).

(i) Application of Net Proceeds. The Company shall apply the net proceeds from the Offering received by it in a manner consistent with the application thereof described under the caption "Use of Proceeds" in the Registration Statement, the Pricing Disclosure Package and the Prospectus.

(j) Rule 158. The Company will timely file such reports pursuant to the Exchange Act as are necessary in order to make generally available to its security holders as soon as practicable an earnings statement for the purposes of, and to provide to the Underwriters the benefits contemplated by, Rule 158(a) under Section 11(a) of the Securities Act.

(k) Stabilization. Neither the Company nor, to its knowledge, any of its employees, directors or stockholders (without the consent of the Representative) has taken or shall take, directly or indirectly, any action designed to or that has constituted or that might reasonably be expected to cause or result in, under Regulation M of the Exchange Act, or otherwise, stabilization or manipulation of the price of any security of the Company to facilitate the sale or resale of the Public Securities.

(l) Internal Controls. The Company shall maintain a system of internal accounting controls sufficient to provide reasonable assurances that: (i) transactions are executed in accordance with management's general or specific authorization; (ii) transactions are recorded as necessary in order to permit preparation of financial statements in accordance with GAAP and to maintain accountability for assets; (iii) access to assets is permitted only in accordance with management's general or specific authorization; and (iv) the recorded accountability for assets is compared with existing assets at reasonable intervals and appropriate action is taken with respect to any differences.

(m) Accountants. The Company shall retain an independent registered public accounting firm reasonably acceptable to the Representative, and the Company shall continue to retain a nationally recognized independent registered public accounting firm for a period of at least three (3) years after the date of this Agreement. The Representative acknowledges that Mantyla McReynolds LLC is acceptable to the Representative.

(n) FINRA. The Company shall advise the Representative (who shall make an appropriate filing with FINRA) if it is or becomes aware that (i) any officer or director of the Company, (ii) any beneficial owner of 5% or more of any class of the Company's securities or (iii) any beneficial owner of the Company's unregistered equity securities which were acquired during the 180 days immediately preceding the filing of the Registration Statement is or becomes an affiliate or associated person of a FINRA member participating in the Offering (as determined in accordance with the rules and regulations of FINRA).

(o) No Fiduciary Duties. The Company acknowledges and agrees that the Underwriters' responsibility to the Company is solely contractual in nature and that none of the Underwriters or their affiliates or any selling agent shall be deemed to be acting in a fiduciary capacity, or otherwise owes any fiduciary duty to the Company or any of its affiliates in connection with the Offering and the other transactions contemplated by this Agreement.

(p) Company Lock-Up Agreements. The Company, on behalf of itself and any successor entity, agrees that, without the prior written consent of the Representative, it will not, for a period of 180 days after the date of this Agreement (the "Lock-Up Period"), (i) offer, pledge, sell, contract to sell, sell any option or contract to purchase, purchase any option or contract to sell, grant any option, right or warrant to purchase, lend, or otherwise transfer or dispose of, directly or indirectly, any shares of capital stock of the Company or any securities convertible into or exercisable or exchangeable for shares of capital stock of the Company; (ii) file or cause to be filed any registration statement with the Commission relating to the offering of any shares of capital stock of the Company or any securities convertible into or exercisable or exchangeable for shares of capital stock of the Company (other than (1) pursuant to a registration statement on Form S-8 for employee benefit plans or (2) in accordance with the provisions of that certain Registration Rights Agreement, dated June 30, 2014, by and between the Company and MG Partners II Ltd); or (iii) enter into any swap or other arrangement that transfers to another, in whole or in part, any of the economic consequences of ownership of capital stock of the Company, whether any such transaction described in clause (i), (ii) or (iii) above is to be settled by delivery of shares of capital stock of the Company or such other securities, in cash or otherwise. The restrictions contained in this section shall not apply to (i) the shares of Common Stock, Warrants or shares of Common Stock underlying the Warrants to be sold hereunder, (ii) the issuance by the Company of shares of Common Stock upon the exercise of a stock option or warrant or the conversion of a security outstanding on the date hereof, provided such security was disclosed in the Pricing Disclosure Package, (iii) the issuance by the Company of stock options or shares of capital stock of the Company under any stockholder approved equity compensation plan of the Company, or (iv) any shares of capital stock of the Company or any securities convertible into or exercisable or exchangeable for shares of capital stock of the Company issued pursuant to one or more strategic collaborations, licensing transactions or business, product or technology acquisitions.

(q) Blue Sky Qualifications. The Company shall use its best efforts, in cooperation with the Underwriters, if necessary, to qualify the Public Securities for offering and sale under the applicable securities laws of such states and other jurisdictions (domestic or foreign) as the Representative may designate and to maintain such qualifications in effect so long as required to complete the distribution of the Public Securities; provided, however, that the Company shall not be obligated to file any general consent to service of process or to qualify as a foreign corporation or as a dealer in securities in any jurisdiction in which it is not so qualified or to subject itself to taxation in respect of doing business in any jurisdiction in which it is not otherwise so subject.

(r) Reporting Requirements. The Company, during the period when a prospectus relating to the Public Securities is (or, but for the exception afforded by Rule 172, would be) required to be delivered under the Securities Act, will file all documents required to be filed with the Commission pursuant to the Exchange Act within the time periods required by the Exchange Act and Exchange Act Regulations. Additionally, the Company shall report the use of proceeds from the issuance of the Public Securities as may be required under Rule 463 under the Securities Act Regulations.

4. Conditions of Underwriters' Obligations. The obligations of the Underwriters to purchase and pay for the Public Securities, as provided herein, shall be subject to (i) the continuing accuracy of the representations and warranties of the Company as of the date hereof and as of each of the Closing Date and the Option Closing Date, if any; (ii) the accuracy of the statements of officers of the Company made pursuant to the provisions hereof; (iii) the performance by the Company of its obligations hereunder; and (iv) the following conditions:

(a) Regulatory Matters.

(i) Effectiveness of Registration Statement; Rule 430A Information. The Registration Statement has become effective not later than 5:00 p.m., Eastern time, on the date of this Agreement or such later date and time as shall be consented to in writing by the Representative, and, at each of the Closing Date and any Option Closing Date, no stop order suspending the effectiveness of the Registration Statement or any post-effective amendment thereto has been issued under the Securities Act, no order preventing or suspending the use of any Preliminary Prospectus or the Prospectus has been issued and no proceedings for any of those purposes have been instituted or are pending or, to the Company's knowledge, contemplated by the Commission. The Company has complied with each request (if any) from the Commission for additional information. The Prospectus containing the Rule 430A Information shall have been filed with the Commission in the manner and within the time frame required by Rule 424(b) (without reliance on Rule 424(b)(8)) or a post-effective amendment providing such information shall have been filed with, and declared effective by, the Commission in accordance with the requirements of Rule 430A.

(ii) FINRA Clearance. On or before the date of this Agreement, the Representative shall have received clearance from FINRA as to the amount of compensation allowable or payable to the Underwriters as described in the Registration Statement.

(iii) Exchange Stock Market Clearance. On the Closing Date, the Company's shares of Common Stock, including the Firm Shares, the shares of Common Stock underlying the Warrants and Representative's Securities, shall have been approved for listing on the Exchange, subject only to official notice of issuance. On each Option Closing Date (if any), the Option Shares and the shares of Common Stock underlying the Option Warrants and Representative's Securities, shall have been approved for listing on the Exchange, subject only to official notice of issuance.

(b) Company Counsel Matters.

(i) Closing Date Opinion of Counsel. On the Closing Date, the Representative shall have received the favorable opinion of Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., counsel to the Company, dated the Closing Date and addressed to the Representative, substantially in form and substance reasonably satisfactory to the Representative.

(ii) Option Closing Date Opinions of Counsel. On each Option Closing Date, if any, the Representative shall have received the favorable opinion of Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C. dated the Option Closing Date, addressed to the Representative and in form and substance reasonably satisfactory to the Representative, confirming as of the Option Closing Date, the statements made by such counsel in their respective opinion delivered on the Closing Date.

(iii) Reliance. In rendering such opinions, such counsel may rely as to matters of fact, to the extent they deem proper, on certificates or other written statements of officers of the Company and officers of departments of various jurisdictions having custody of documents respecting the corporate existence or good standing of the Company, provided that copies of any such statements or certificates shall be delivered to Representative Counsel along with the opinion of counsel.

(c) Comfort Letters.

(i) Comfort Letter. At the time this Agreement is executed Representative shall have received a cold comfort letter containing statements and information of the type customarily included in accountants' comfort letters with respect to the

financial statements and certain financial information contained in the Registration Statement, the Pricing Disclosure Package and the Prospectus, addressed to the Representative and in form and substance satisfactory in all respects to Representative and to the Auditors, dated as of the date of this Agreement.

(ii) Bring-down Comfort Letter. At the Closing Date and each Option Closing Date, if any, the Representative shall have received from the Auditors a letter, dated as of the Closing Date or the Option Closing Date, as applicable, to the effect that such Auditor reaffirms the statements made in the letter furnished pursuant to Section 4(c)(i), except that the specified date referred to shall be a date not more than three (3) business days prior to the Closing Date or the Option Closing Date, as applicable.

(d) Officers' Certificates.

(i) Officers' Certificate. The Company shall have furnished to the Representative a certificate, dated the Closing Date and any Option Closing Date (if such date is other than the Closing Date), of its Chairman of the Board, its Chief Executive Officer, and its Chief Financial Officer stating that (i) such officers have carefully examined the Registration Statement, the Pricing Disclosure Package, any Issuer Free Writing Prospectus and the Prospectus and, in their opinion, the Registration Statement and each amendment thereto, as of the Applicable Time and as of the Closing Date (or any Option Closing Date if such date is other than the Closing Date) did not include any untrue statement of a material fact and did not omit to state a material fact required to be stated therein or necessary to make the statements therein not misleading, and the Pricing Disclosure Package, as of the Applicable Time and as of the Closing Date (or any Option Closing Date if such date is other than the Closing Date), any Issuer Free Writing Prospectus as of its date and as of the Closing Date (or any Option Closing Date if such date is other than the Closing Date), the Prospectus and each amendment or supplement thereto, as of the respective date thereof and as of the Closing Date, did not include any untrue statement of a material fact and did not omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances in which they were made, not misleading, (ii) since the effective date of the Registration Statement, no event has occurred which should have been set forth in a supplement or amendment to the Registration Statement, the Pricing Disclosure Package or the Prospectus, (iii) to their knowledge after reasonable investigation, as of the Closing Date (or any Option Closing Date if such date is other than the Closing Date), the representations and warranties of the Company in this Agreement are true and correct and the Company has complied with all agreements and satisfied all conditions on its part to be performed or satisfied hereunder at or prior to the Closing Date (or any Option Closing Date if such date is other than the Closing Date), and (iv) there has not been, subsequent to the date of the most recent audited financial statements included in the Pricing Disclosure Package, any Material Adverse Change in the financial position or results of operations of the Company, or any change or development that, singularly or in the aggregate, would involve a Material Adverse Change or a prospective Material Adverse Change, in or affecting the condition (financial or otherwise), results of operations, business, assets or prospects of the Company, except as set forth in the Prospectus.

(ii) Secretary's Certificate. At each of the Closing Date and the Option Closing Date, if any, the Representative shall have received a certificate of the Company signed by the Secretary of the Company, dated the Closing Date or the Option Date, as the case may be, respectively, certifying: (i) that each of the Charter and Bylaws is true and complete, has not been modified and is in full force and effect; (ii) that the resolutions of the Company's Board of Directors relating to the Offering are in full force and effect and have not been modified; (iii) the good standing of the Company and its subsidiaries; and (iv) as to the incumbency of the officers of the Company. The documents referred to in such certificate shall be attached to such certificate.

(e) No Material Changes. Prior to and on each of the Closing Date and each Option Closing Date, if any: (i) there shall have been no Material Adverse Change or development involving a prospective Material Adverse Change in the condition or prospects or the business activities, financial or otherwise, of the Company from the latest dates as of which such condition is set forth in the Registration Statement, the Pricing Disclosure Package and the Prospectus; (ii) no action, suit or proceeding, at law or in equity, shall have been pending or threatened against the Company or any Insider before or by any court or federal or state commission, board or other administrative agency wherein an unfavorable decision, ruling or finding may materially adversely affect the business, operations, prospects or financial condition or income of the Company, except as set forth in the Registration Statement, the Pricing Disclosure Package and the Prospectus; (iii) no stop order shall have been issued under the Securities Act and no proceedings therefor shall have been initiated or threatened by the Commission; and (iv) the Registration Statement, the Pricing Disclosure Package and the Prospectus and any amendments or supplements thereto shall contain all material statements which are required to be stated therein in accordance with the Securities Act and the Securities Act Regulations and shall conform in all material respects to the requirements of the Securities Act and the Securities Act Regulations, and neither the Registration Statement, the Pricing Disclosure Package nor the Prospectus nor any amendment or supplement thereto shall contain any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary to make the statements therein, in light of the circumstances under which they were made, not misleading.

(f) Delivery of Agreements.

(i) Lock-Up Agreements. On or before the date of this Agreement, the Company shall have delivered to the Representative executed copies of the Lock-Up Agreements from each of the persons listed in Schedule 3 hereto.

(ii) Representative's Unit Purchase Option Agreement. On the Closing Date and at each Option Closing Date (if any), the Company shall have delivered to the Representative executed copies of the Representative's Unit Purchase Option Agreement.

(g) Additional Documents. At the Closing Date and at each Option Closing Date (if any) Representative Counsel shall have been furnished with such documents and opinions as they may require for the purpose of enabling Representative Counsel to deliver an opinion to the Underwriters, or in order to evidence the accuracy of any of the representations or warranties, or the fulfillment of any of the conditions, herein contained; and all proceedings taken by the Company in connection with the issuance and sale of the Public Securities and the Representative's Securities as herein contemplated shall be satisfactory in form and substance to the Representative and Representative Counsel.

5. Indemnification.

(a) Indemnification of the Underwriters. The Company agrees to indemnify and hold harmless each Underwriter, its affiliates and each person controlling such Underwriter (within the meaning of Section 15 of the Securities Act), and the directors, officers, agents and employees of each Underwriter, its affiliates and each such controlling person (each Underwriter, and each such entity or person hereafter is referred to as an "Indemnified Person") from and against any losses, claims, damages, judgments, assessments, costs and other liabilities (collectively, the "Liabilities"), and shall reimburse each Indemnified Person for all fees and expenses (including the reasonable fees and expenses of counsel for the Indemnified Persons, except as otherwise expressly provided in this Agreement) (collectively, the "Expenses") and agrees to advance payment of such Expenses as they are incurred by an Indemnified Person in investigating, preparing, pursuing or defending any actions, whether or not any Indemnified Person is a party thereto, arising out of or based upon any untrue statement or alleged untrue statement of a material fact contained in (i) the Registration Statement, the Pricing Disclosure Package, the Preliminary Prospectus, the Prospectus or in any Issuer Free Writing Prospectus (as from time to time each may be amended and supplemented); (ii) any materials or information provided to investors by, or with the approval of, the Company in connection with the marketing of the Offering, including any "road show" or investor presentations made to investors by the Company (whether in person or electronically); or (iii) any application or other document or written communication (in this Section 5, collectively called "application") executed by the Company or based upon written information furnished by the Company in any jurisdiction in order to qualify the Public Securities and Representative's Securities under the securities laws thereof or filed with the Commission, any state securities commission or agency, the Exchange or any other national securities exchange; or the omission or alleged omission therefrom of a material fact required to be stated therein or necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading, unless such statement or omission was made in reliance upon, and in conformity with, the Underwriters' Information. The Company also agrees to reimburse each Indemnified Person for all Expenses as they are incurred in connection with such Indemnified Person's enforcement of his or its rights under this Agreement.

(b) Procedure. Upon receipt by an Indemnified Person of actual notice of an action against such Indemnified Person with respect to which indemnity may reasonably be expected to be sought under this Agreement, such Indemnified Person shall promptly notify the Company in writing; provided that failure by any Indemnified Person so to notify the Company shall not relieve the Company from any obligation or liability which the Company may have on account of this Section 5 or otherwise to such Indemnified Person, except to the extent the Company is materially prejudiced as a proximate result of such failure. The Company shall have the right to assume the defense of any such action (including the employment of counsel designated by the Company and reasonably satisfactory to the Representative). Any Indemnified Person shall have the right to employ separate counsel in any such action and participate in the defense thereof, but the fees and expenses of such counsel shall be at the expense of such Indemnified Person unless: (i) the Company has failed promptly to assume the defense and employ counsel satisfactory to the Representative for the benefit of the Underwriters and the other Indemnified Persons or (ii) such Indemnified Person shall have been advised that in the opinion of counsel that there is an actual or potential conflict of interest that prevents (or makes it imprudent for) the counsel engaged by the Company for the purpose of representing the Indemnified Person, to represent both such Indemnified Person and any other person represented or proposed to be represented by such counsel. The Company shall not be liable for the fees and expenses of more than one separate counsel (together with local counsel), representing all Indemnified Persons who are parties to such action), which counsel (together with any local counsel) for the Indemnified Persons shall be selected by the Representative. The Company shall not be liable for any settlement of any action effected without its written consent (which shall not be unreasonably withheld). In addition,

the Company shall not, without the prior written consent of the Underwriters, settle, compromise or consent to the entry of any judgment in or otherwise seek to terminate any pending or threatened action in respect of which advancement, reimbursement, indemnification or contribution may be sought hereunder (whether or not such Indemnified Person is a party thereto) unless such settlement, compromise, consent or termination (i) includes an unconditional release of each Indemnified Person, acceptable to such Indemnified Party, from all Liabilities arising out of such action for which indemnification or contribution may be sought hereunder and (ii) does not include a statement as to or an admission of fault, culpability or a failure to act, by or on behalf of any Indemnified Person. The advancement, reimbursement, indemnification and contribution obligations of the Company required hereby shall be made by periodic payments of the amount thereof during the course of the investigation or defense, as every Liability and Expense is incurred and is due and payable, and in such amounts as fully satisfy each and every Liability and Expense as it is incurred (and in no event later than 30 days following the date of any invoice therefore).

(c) Indemnification of the Company. Each Underwriter, severally and not jointly, agrees to indemnify and hold harmless the Company, its directors, its officers who signed the Registration Statement and persons who control the Company within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act against any and all Liabilities, but only with respect to untrue statements or omissions, or alleged untrue statements or omissions made in the Registration Statement, any Preliminary Prospectus, the Pricing Disclosure Package or Prospectus or any amendment or supplement thereto, in reliance upon, and in strict conformity with, the Underwriters' Information. In case any action shall be brought against the Company or any other person so indemnified based on any Preliminary Prospectus, the Registration Statement, the Pricing Disclosure Package or Prospectus or any amendment or supplement thereto, and in respect of which indemnity may be sought against any Underwriter, such Underwriter shall have the rights and duties given to the Company, and the Company and each other person so indemnified shall have the rights and duties given to the several Underwriters by the provisions of Section 5(b). The Company agrees promptly to notify the Representative of the commencement of any litigation or proceedings against the Company or any of its officers, directors or any person, if any, who controls the Company within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act, in connection with the issuance and sale of the Public Securities or in connection with the Registration Statement, the Pricing Disclosure Package, the Prospectus or any Issuer Free Writing Prospectus; provided that failure by the Company so to notify the Representative shall not relieve any Underwriter from any obligation or liability which such Underwriter may have on account of this Section 5 or otherwise to the Company, except to the extent such Underwriter is materially prejudiced as a proximate result of such failure.

(d) Contribution. In the event that a court of competent jurisdiction makes a finding that indemnity is unavailable to an Indemnified Person, the Company shall contribute to the Liabilities and Expenses paid or payable by such Indemnified Person in such proportion as is appropriate to reflect (i) the relative benefits to the Company, on the one hand, and to the Underwriters and any other Indemnified Person, on the other hand, of the matters contemplated by this Agreement or (ii) if the allocation provided by the immediately preceding clause is not permitted by applicable law, not only such relative benefits but also the relative fault of the Company, on the one hand, and the Underwriters and any other Indemnified Person, on the other hand, in connection with the matters as to which such Liabilities or Expenses relate, as well as any other relevant equitable considerations; provided that in no event shall the Company contribute less than the amount necessary to ensure that all Indemnified Persons, in the aggregate, are not liable for any Liabilities and Expenses in excess of the amount of commissions actually received by the Underwriters pursuant to this Agreement. The relative fault shall be determined by reference to, among other things, whether the untrue or alleged untrue statement of a material fact or the omission or alleged omission to state a material fact relates to information supplied by the Company on the one hand or the Underwriters on the other and the parties' relative intent, knowledge, access to information and opportunity to correct or prevent such statement or omission. The Company and the Underwriters agree that it would not be just and equitable if contributions pursuant to this subsection (d) were determined by pro rata allocation (even if the Underwriters were treated as one entity for such purpose) or by any other method of allocation which does not take account of the equitable considerations referred to above in this subsection (d). For purposes of this paragraph, the relative benefits to the Company, on the one hand, and to the Underwriters on the other hand, of the matters contemplated by this Agreement shall be deemed to be in the same proportion as: (a) the total value received by the Company in the Offering, whether or not such Offering is consummated, bears to (b) the commissions paid to the Underwriters under this Agreement. Notwithstanding the above, no person guilty of fraudulent misrepresentation within the meaning of Section 11(f) of the Securities Act shall be entitled to contribution from a party who was not guilty of fraudulent misrepresentation.

(e) Limitation. The Company also agrees that no Indemnified Person shall have any liability (whether direct or indirect, in contract or tort or otherwise) to the Company for or in connection with advice or services rendered or to be rendered by any Indemnified Person pursuant to this Agreement, the transactions contemplated thereby or any Indemnified Person's actions or inactions in connection with any such advice, services or transactions, except to the extent that a court of competent jurisdiction has made a finding that Liabilities (and related Expenses) of the Company have resulted exclusively from such Indemnified Person's gross negligence or willful misconduct in connection with any such advice, actions, inactions or services.

(f) Survival. The advancement, reimbursement, indemnity and contribution obligations set forth in this Section 5 shall remain in full force and effect regardless of any termination of, or the completion of any Indemnified Person's services under or in connection with, this Agreement.

6. Default by an Underwriter.

(a) Default Not Exceeding 10% of Units or Option Securities. If any Underwriter or Underwriters shall default in its or their obligations to purchase the Units or the Option Securities, if the Over-allotment Option is exercised hereunder, and if the number of the Units or Option Securities with respect to which such default relates does not exceed in the aggregate 10% of the number of Units or Option Securities that all Underwriters have agreed to purchase hereunder, then such Units or Option Securities to which the default relates shall be purchased by the non-defaulting Underwriters in proportion to their respective commitments hereunder.

(b) Default Exceeding 10% of Units or Option Securities. In the event that the default addressed in Section 6(a) relates to more than 10% of the Units or Option Securities, the Representative may in its discretion arrange for itself or for another party or parties to purchase such Units or Option Securities to which such default relates on the terms contained herein. If, within one (1) Business Day after such default relating to more than 10% of the Units or Option Securities, the Representative does not arrange for the purchase of such Units or Option Securities, then the Company shall be entitled to a further period of one (1) Business Day within which to procure another party or parties satisfactory to the Representative to purchase said Units or Option Securities on such terms. In the event that neither the Representative nor the Company arrange for the purchase of the Units or Option Securities to which a default relates as provided in this Section 6, this Agreement will automatically be terminated by the Representative or the Company without liability on the part of the Company (except as provided in Sections 3(h) and 5 hereof) or the several Underwriters (except as provided in Section 5 hereof); provided, however, that if such default occurs with respect to the Option Securities, this Agreement will not terminate as to the Units; and provided, further, that nothing herein shall relieve a defaulting Underwriter of its liability, if any, to the other Underwriters and to the Company for damages occasioned by its default hereunder.

(c) Postponement of Closing Date. In the event that the Units or Option Securities to which the default relates are to be purchased by the non-defaulting Underwriters, or are to be purchased by another party or parties as aforesaid, the Representative or the Company shall have the right to postpone the Closing Date or Option Closing Date for a reasonable period, but not in any event exceeding five (5) Business Days, in order to effect whatever changes may thereby be made necessary in the Registration Statement, the Pricing Disclosure Package or the Prospectus or in any other documents and arrangements, and the Company agrees to file promptly any amendment to the Registration Statement, the Pricing Disclosure Package or the Prospectus that in the opinion of counsel for the Underwriter may thereby be made necessary. The term "Underwriter" as used in this Agreement shall include any party substituted under this Section 6 with like effect as if it had originally been a party to this Agreement with respect to such Securities.

7. Additional Covenants.

(a) Prohibition on Press Releases and Public Announcements. The Company shall not issue press releases or engage in any other publicity, without the Representative's prior written consent, for a period ending at 5:00 p.m., Eastern time, on the first (1st) Business Day following the forty-fifth (45th) day after the Closing Date, other than normal and customary releases issued in the ordinary course of the Company's business.

8. Effective Date of this Agreement and Termination Thereof.

(a) Effective Date. This Agreement shall become effective when both the Company and the Representative have executed the same and delivered counterparts of such signatures to the other party.

(b) Termination. The Representative shall have the right to terminate this Agreement at any time prior to any Closing Date, (i) if any domestic or international event or act or occurrence has materially disrupted, or in Representative's opinion will in the immediate future materially disrupt, general securities markets in the United States; or (ii) if trading on the New York Stock Exchange or the NASDAQ Stock Market LLC shall have been suspended or materially limited, or minimum or maximum prices for trading shall have been fixed, or maximum ranges for prices for securities shall have been required by FINRA or by order of the Commission or any other government authority having jurisdiction; or (iii) if the United States shall have become involved in a new war or an increase in major hostilities; or (iv) if a banking moratorium has been declared by a New York State or federal authority; or (v) if a moratorium on foreign exchange trading has been declared which materially adversely impacts the United States securities markets; or

(vi) if the Company shall have sustained a material loss by fire, flood, accident, hurricane, earthquake, theft, sabotage or other calamity or malicious act which, whether or not such loss shall have been insured, will, in Representative opinion, make it inadvisable to proceed with the delivery of the Units or Option Securities; or (vii) if the Company is in material breach of any of its representations, warranties or covenants hereunder; or (viii) if the Representative shall have become aware after the date hereof of such a Material Adverse Change in the conditions or prospects of the Company, or such adverse material change in general market conditions as in the Representative's judgment would make it impracticable to proceed with the offering, sale and/or delivery of the Public Securities or to enforce contracts made by the Underwriters for the sale of the Public Securities. Section 5 of this Agreement shall survive any termination of this Agreement.

(c) Expenses. Notwithstanding anything to the contrary in this Agreement, except in the case of a default by the Underwriters pursuant to Section 6(b) above, in the event that this Agreement shall not be carried out for any reason whatsoever, within the time specified herein or any extensions thereof pursuant to the terms herein, the Company shall be obligated to pay to the Underwriters their actual and accountable out-of-pocket expenses related to the transactions contemplated herein then due and payable and upon demand the Company shall pay the full amount thereof to the Representative on behalf of the Underwriters; provided, that the fees and expenses of the Underwriter's legal counsel shall not exceed \$75,000; and provided, however, that such expense cap in no way limits or impairs the indemnification and contribution provisions of this Agreement.

(d) Indemnification. Notwithstanding any contrary provision contained in this Agreement, any election hereunder or any termination of this Agreement, and whether or not this Agreement is otherwise carried out, the provisions of Section 5 shall remain in full force and effect and shall not be in any way affected by, such election or termination or failure to carry out the terms of this Agreement or any part hereof.

(e) Representations, Warranties, Agreements to Survive. All representations, warranties and agreements contained in this Agreement or in certificates of officers of the Company submitted pursuant hereto, shall remain operative and in full force and effect regardless of (i) any investigation made by or on behalf of any Underwriter or its Affiliates or selling agents, any person controlling any Underwriter, its officers or directors or any person controlling the Company or (ii) delivery of and payment for the Public Securities.

9. Miscellaneous.

(a) Notices. All communications hereunder, except as herein otherwise specifically provided, shall be in writing and shall be mailed (registered or certified mail, return receipt requested), or personally delivered and shall be deemed given when so delivered or if mailed, two (2) days after such mailing.

If to the Representative:

Dawson James Securities, Inc.
1 North Federal Highway, 5th Floor
Boca Raton, FL 33432
Attention: Robert D. Keyser, Jr.

If to the Company:

Amedica Corporation
1885 West 2100 South
Salt Lake City, UT, 84119
Attention: B. Sonny Bal, MD, Chief Executive Officer

(b) Headings. The headings contained herein are for the sole purpose of convenience of reference, and shall not in any way limit or affect the meaning or interpretation of any of the terms or provisions of this Agreement.

(c) Amendment. This Agreement may only be amended by a written instrument executed by each of the parties hereto.

(d) Entire Agreement. This Agreement (together with the other agreements and documents being delivered pursuant to or in connection with this Agreement) constitutes the entire agreement of the parties hereto with respect to the subject matter hereof and thereof, and supersedes all prior agreements and understandings of the parties, oral and written, with respect to the subject matter hereof. This Agreement shall replace and supersede the Engagement Letter, including, without limitation, any terms which survive termination thereof pursuant to Section 9 thereof.

(e) Binding Effect. This Agreement shall inure solely to the benefit of and shall be binding upon the Representative, the Underwriters, each Indemnified Person referred to in Section 5, the Company and the controlling persons, directors and officers referred to in Section 5 hereof, and their respective successors, legal representatives, heirs and assigns, and no other person shall have or be construed to have any legal or equitable right, remedy or claim under or in respect of or by virtue of this Agreement or any provisions herein contained. The term “successors and assigns” shall not include a purchaser, in its capacity as such, of securities from any of the Underwriters.

(f) Governing Law; Consent to Jurisdiction; Trial by Jury. This Agreement shall be governed by and construed and enforced in accordance with the laws of the State of New York, without giving effect to conflict of laws principles thereof. The Company hereby agrees that any action, proceeding or claim against it arising out of, or relating in any way to this Agreement shall be brought and enforced in the New York Supreme Court, County of New York, or in the United States District Court for the Southern District of New York, and irrevocably submits to such jurisdiction, which jurisdiction shall be exclusive. The Company hereby waives any objection to such exclusive jurisdiction and that such courts represent an inconvenient forum. Any such process or summons to be served upon the Company may be served by transmitting a copy thereof by registered or certified mail, return receipt requested, postage prepaid, addressed to it at the address set forth in Section 9(a) hereof. Such mailing shall be deemed personal service and shall be legal and binding upon the Company in any action, proceeding or claim. The Company agrees that the prevailing party(ies) in any such action shall be entitled to recover from the other party(ies) all of its reasonable attorneys’ fees and expenses relating to such action or proceeding and/or incurred in connection with the preparation therefor. The Company (on its behalf and, to the extent permitted by applicable law, on behalf of its stockholders and affiliates) and each of the Underwriters hereby irrevocably waives, to the fullest extent permitted by applicable law, any and all right to trial by jury in any legal proceeding arising out of or relating to this Agreement or the transactions contemplated hereby.

(g) Execution in Counterparts. This Agreement may be executed in one or more counterparts, and by the different parties hereto in separate counterparts, each of which shall be deemed to be an original, but all of which taken together shall constitute one and the same agreement, and shall become effective when one or more counterparts has been signed by each of the parties hereto and delivered to each of the other parties hereto. Delivery of a signed counterpart of this Agreement by email/pdf transmission shall constitute valid and sufficient delivery thereof.

(h) Waiver, etc. The failure of any of the parties hereto to at any time enforce any of the provisions of this Agreement shall not be deemed or construed to be a waiver of any such provision, nor to in any way effect the validity of this Agreement or any provision hereof or the right of any of the parties hereto to thereafter enforce each and every provision of this Agreement. No waiver of any breach, non-compliance or non-fulfillment of any of the provisions of this Agreement shall be effective unless set forth in a written instrument executed by the party or parties against whom or which enforcement of such waiver is sought; and no waiver of any such breach, non-compliance or non-fulfillment shall be construed or deemed to be a waiver of any other or subsequent breach, non-compliance or non-fulfillment.

[Signature Page Follows]

If the foregoing correctly sets forth the understanding between the Underwriters and the Company, please so indicate in the space

Very truly yours,
Amedica Corporation
By:

Name:

Title:

Confirmed as of the date first written above mentioned,
on behalf of itself and as Representative of the several
Underwriters named on Schedule 1 hereto:

Dawson James Securities, Inc.

By: _____
Name:

Title:

On behalf of each of the Underwriters

[SIGNATURE PAGE]
AMEDICA CORPORATION—UNDERWRITING AGREEMENT

SCHEDULE 1

<u>Underwriter</u>	Total Number of Units to be Purchased	Number of Option Shares to be Purchased if the Over- Allotment Option is Fully Exercised	Number of Option Warrants to be Purchased if the Over- Allotment Option is Fully Exercised
Dawson James Securities, Inc.			
Total			

SCHEDULE 2-A

Pricing Information

Number of Units: []

Number of Firm Shares included in the Units: []

Number of Firm Warrants included in the Units: []

Shares underlying Firm Warrants: []

Number of Option Units: []

Number of Option Shares: []

Number of Option Warrants: []

Shares underlying Option Warrants: []

Public Offering Price per Unit (including Option Units): \$[]

Underwriting Discount per Unit: \$[]

Underwriting Non-accountable expense allowance per Unit: \$[]

Proceeds to Company per Unit (before expenses): \$[]

SCHEDULE 2-B

Issuer General Use Free Writing Prospectuses

None.

SCHEDULE 3

List of Lock-Up Parties

B. Sonny Bal, M.D.
David W. Truetzel
Jeffrey S. White
Eric A. Stookey
Kevin Davis
Bryan J. McEntire
Kevin Ontiveros
Christopher R. Whitfield
Gordon G. Esplin

EXHIBIT A

Form of Representative's Unit Purchase Option Agreement

EXHIBIT B

Form of Lock-Up Agreement

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FORM OF WARRANT
AMEDICA CORPORATION
WARRANT TO PURCHASE COMMON STOCK

Warrant No.:

Date of Issuance: November [], 2014 (“**Issuance Date**”)

Amedica Corporation, a Delaware corporation (the “**Company**”), hereby certifies that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, [], the registered holder hereof or its permitted assigns (the “**Holder**”), is entitled, subject to the terms set forth below, to purchase from the Company, at the Exercise Price (as defined below) then in effect, upon exercise of this Warrant, to Purchase Common Stock (including any Warrants to Purchase Common Stock issued in exchange, transfer or replacement hereof, the “**Warrant**”), at any time or times on or after the Issuance Date, but not after 11:59 p.m., New York time, on the Expiration Date (as defined below), [5 YEARS FROM ISSUANCE DATE] (subject to adjustment as provided herein) fully paid and non-assessable shares of Common Stock (as defined below) (the “**Warrant Shares**”). Except as otherwise defined herein, capitalized terms in this Warrant shall have the meanings set forth in Section 16. This Warrant is one of the Warrants to Purchase Common Stock (the “**Purchased Warrants**”) issued pursuant to the Offering (as defined in that certain Underwriting Agreement, dated as of November [], 2014, by and between the Company and Dawson James Securities, Inc., as representative of the several underwriters (the “**Underwriting Agreement**”)) consummated on the Issuance Date.

This Warrant shall be issuable in book entry form (the “**Book-Entry Warrant Certificate**”) and shall initially be represented by one or more Book-Entry Warrant Certificates deposited with American Stock Transfer and Trust Company (the “**Warrant Agent**”) and registered in the name of the Holder, or as otherwise directed by the Warrant Agent. Ownership of beneficial interests in this Warrant shall be shown on, and the transfer of such ownership shall be effected through, records maintained by the Warrant Agent (the “**Warrant Register**”). The Company may deem and treat the registered Holder of this Warrant as the absolute owner hereof for the purpose of any exercise hereof or any distribution to the Holder, and for all other purposes, absent actual written notice to the contrary.

1. EXERCISE OF WARRANT.

(a) **Mechanics of Exercise.** Subject to the terms and conditions hereof (including, without limitation, the limitations set forth in Section 1(f)), this Warrant may be exercised by the Holder on any day on or after the Issuance Date in whole or in part, by delivery (whether via e-mail, facsimile or otherwise) of a written notice, in the form attached hereto as **Exhibit A** (the “**Exercise Notice**”) to the Warrant Agent or such other office or agency of the Company as it may designate by notice in writing to the registered Holder at the address of the Holder appearing on the books of the Company or the Warrant Agent (or to the Company if the exercise is made pursuant to a Cashless Exercise (as defined in Section 1(d)), of the Holder’s election to exercise this Warrant. Within one (1) Trading Day following an exercise of this Warrant as

aforesaid, the Holder shall deliver payment to the Warrant Agent of an amount equal to the Exercise Price in effect on the date of such exercise multiplied by the number of Warrant Shares as to which this Warrant was so exercised (in respect of such specific exercise, the “**Aggregate Exercise Price**”) in cash or via wire transfer of immediately available funds (to the account set forth on **Schedule A** hereto) if the Holder did not notify the Company in such Exercise Notice that such exercise was made pursuant to a Cashless Exercise (as defined in Section 1(d)). The Holder shall not be required to deliver the original of this Warrant in order to effect an exercise hereunder. Execution and delivery of an Exercise Notice with respect to less than all of the Warrant Shares shall have the same effect as cancellation of the original of this Warrant certificate and issuance of a new Warrant certificate evidencing the right to purchase the remaining number of Warrant Shares. Execution and delivery of an Exercise Notice for all of the then-remaining Warrant Shares shall have the same effect as cancellation of the original of this Warrant certificate after delivery of the Warrant Shares in accordance with the terms hereof. The Holder and the Company or the Warrant Agent shall maintain records showing the number of Warrant Shares purchased and the date of such purchases. The Company or the Warrant Agent shall deliver any objection to any Notice of Exercise form within 2 Business Days of receipt of the applicable Notice of Exercise. On or before the first (1st) Trading Day following the date on which the Company has received an Exercise Notice for a Cashless Exercise, the Company shall transmit by e-mail or facsimile an acknowledgment of confirmation of receipt of such Exercise Notice, in the form attached hereto as **Exhibit B**, to the Warrant Agent. On or before the third (3rd) Trading Day following (A) in the event of a Cashless Exercise, the date on which the Company has received such Exercise Notice or (B) in the event of an exercise for cash, the later of (i) the date on which the Warrant Agent has received such Exercise Notice or (ii) the date on which the Warrant Agent receives the Aggregate Exercise Price (such date is referred to herein as the “**Delivery Date**”), the Company shall, (X) provided that (I) the Transfer Agent is participating in The Depository Trust Company (“**DTC**”) Fast Automated Securities Transfer Program and (II) either a registration statement for the issuance to the Holder of the applicable Warrant Shares to be issued pursuant to such Exercise Notice is effective and the prospectus contained therein is usable or such Warrant Shares to be so issued are otherwise freely tradable, cause the Warrant Agent to credit such aggregate number of shares of Common Stock to which the Holder is entitled pursuant to such exercise to the Holder’s or its designee’s balance account with DTC through its Deposit/Withdrawal at Custodian system, or (Y) if either of the immediately preceding clauses (I) or (II) are not satisfied, issue and deliver to the Holder or, at the Holder’s instruction pursuant to the Exercise Notice, the Holder’s agent or designee, in each case, sent by reputable overnight courier to the address as specified in the applicable Exercise Notice, a certificate, registered in the Company’s share register in the name of the Holder or its designee (as indicated in the applicable Exercise Notice), for the number of shares of Common Stock to which the Holder is entitled pursuant to such exercise. Upon (A) in the event of a Cashless Exercise, the date on which the Company has received such Exercise Notice or (B) in the event of an exercise for cash, the later of (i) the date on which the Warrant Agent has received such Exercise Notice or (ii) the date on which the Warrant Agent receives the Aggregate Exercise Price, the Holder shall be deemed for all corporate purposes to have become the holder of record of the Warrant Shares with respect to which this Warrant has been exercised, irrespective of the date such Warrant Shares are credited to the Holder’s DTC account or the date of delivery of the certificates evidencing such Warrant Shares (as the case may be); provided, however, that if the date of such receipt is a date upon which the Common Stock transfer books

of the Company are closed, such Holder shall be deemed to have become the record holder of such shares on, the next succeeding day on which the Common Stock transfer books of the Company are open. If this Warrant is submitted in connection with any exercise pursuant to this Section 1(a) and the number of Warrant Shares represented by this Warrant submitted for exercise is greater than the number of Warrant Shares being acquired upon an exercise, then, at the request of the Holder and upon surrender hereof by the Holder at the principal office of the Company, the Company shall as soon as practicable and in no event later than three (3) Business Days after any exercise and at its own expense, issue and deliver to the Holder (or its designee) a new Warrant (in accordance with Section 7(d)) representing the right to purchase the number of Warrant Shares purchasable immediately prior to such exercise under this Warrant, less the number of Warrant Shares with respect to which this Warrant is exercised. No fractional shares of Common Stock are to be issued upon the exercise of this Warrant, but rather the number of shares of Common Stock to be issued shall be rounded up to the nearest whole number. The Company shall pay any and all taxes and fees which may be payable with respect to the issuance and delivery of Warrant Shares upon exercise of this Warrant.

(b) Exercise Price. For purposes of this Warrant, “**Exercise Price**” means \$[]¹, subject to adjustment as provided herein.

(c) Company’s Failure to Timely Deliver Securities. If the Company shall fail, for any reason or for no reason, to issue to the Holder on or before the applicable Delivery Date, a certificate for the number of shares of Common Stock to which the Holder is entitled and register such shares of Common Stock on the Company’s share register or to credit the Holder’s balance account with DTC for such number of shares of Common Stock to which the Holder is entitled upon the Holder’s exercise of this Warrant (as the case may be), then, in addition to all other remedies available to the Holder, the Company shall pay in cash to the Holder on each day after such third (3rd) Trading Day that the issuance of such shares of Common Stock is not timely effected an amount equal to 2% of the product of (A) the aggregate number of shares of Common Stock not issued to the Holder on a timely basis and to which the Holder is entitled and (B) the Closing Sale Price of the Common Stock on the Trading Day immediately preceding the last possible date on which the Company could have issued such shares of Common Stock to the Holder without violating Section 1(a). In addition to the foregoing, if the Company shall fail to issue and deliver a certificate to the Holder and register such shares of Common Stock on the Company’s share register or credit the Holder’s balance account with DTC for the number of shares of Common Stock to which the Holder is entitled upon the Holder’s exercise or exchange hereunder (as the case may be) on or prior to the applicable Delivery Date, and if on or after such Delivery Date the Holder (or any other Person in respect, or on behalf, of the Holder) purchases (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by the Holder of all or any portion of the number of shares of Common Stock, or a sale of a number of shares of Common Stock equal to all or any portion of the number of shares of Common Stock, issuable upon such exercise or exchange that the Holder so anticipated receiving from the Company, then, in addition to all other remedies available to the Holder, the Company shall, within three (3) Business Days after the Holder’s request and in the Holder’s discretion, either (i) pay cash to the Holder in an amount equal to the Holder’s total purchase price

¹ 130% of the conversion price of the Units sold in the Offering (rounded to the nearest cent)

(including brokerage commissions and other out-of-pocket expenses, if any) for the shares of Common Stock so purchased (including, without limitation, by any other Person in respect, or on behalf, of the Holder) (the “**Buy-In Price**”), at which point the Company’s obligation to so issue and deliver such certificate or credit the Holder’s balance account with DTC for the number of shares of Common Stock to which the Holder is entitled upon the Holder’s exercise or exchange hereunder (as the case may be) (and to issue such shares of Common Stock) shall terminate, or (ii) promptly honor its obligation to so issue and deliver to the Holder a certificate or certificates representing such shares of Common Stock or credit the Holder’s balance account with DTC for the number of shares of Common Stock to which the Holder is entitled upon the Holder’s exercise or exchange hereunder (as the case may be) and pay cash to the Holder in an amount equal to the excess (if any) of the Buy-In Price over the product of (A) such number of shares of Common Stock multiplied by (B) the lowest Closing Sale Price of the Common Stock on any Trading Day during the period commencing on the date of the applicable Exercise Notice or Exchange Notice, as the case may be, and ending on the date of such issuance and payment under this clause (ii).

(d) Cashless Exercise. Notwithstanding anything contained herein to the contrary (other than Section 1(f) below), the Holder may, in its sole discretion (and without limiting the Holder’s rights and remedies contained herein), exercise this Warrant in whole or in part and, from and after the 120 day anniversary of the Issuance Date, in lieu of making the cash payment otherwise contemplated to be made to the Company upon such exercise in payment of the Aggregate Exercise Price, elect instead to receive upon such exercise a cash payment from the Company equal to the product of (i) the total number of shares with respect to which this Warrant is then being exercised multiplied by (ii) the Black Scholes Value (as defined below) (the “**Exchange Amount**”). In the Company’s sole discretion, if (x) no Equity Conditions has occurred or (y) an Equity Conditions Failure has occurred other than as a result of any of the conditions specified in clauses (ii) or (v) of the definition thereof, the Company may elect to treat such notice as a cashless exercise of the Warrant with respect to the number of shares specified in “A” below for the “Net Number” of shares of Common Stock determined according to the following formula with respect thereto (a “**Cashless Exercise**”), as follows:

$$\text{Net Number} = (A \times B) / C$$

For purposes of the foregoing formula:

A= the total number of shares with respect to which this Warrant is then being exercised.

B= Black Scholes Value (as defined below).

C= the Closing Bid Price of the Common Stock as of two (2) Trading Days prior to the time of such exercise (as defined below).

(e) Disputes. In the case of a dispute as to the determination of the Exercise Price or the arithmetic calculation of the number of Warrant Shares to be issued pursuant to the terms hereof (including, without limitation, the Net Number), the Company shall promptly issue to the Holder the number of Warrant Shares that are not disputed, provided that following such issuance to Holder such dispute shall be resolved in accordance with Section 13.

(f) Limitations on Exercises and Exchanges. Notwithstanding anything to the contrary contained in this Warrant, this Warrant shall not be exercisable or exchangeable by the Holder hereof to the extent (but only to the extent) that the Holder or any of its Affiliates would beneficially own in excess of 9.9% (the “**Maximum Percentage**”) of the Common Stock. To the extent the above limitation applies, the determination of whether this Warrant shall be exercisable or exchangeable (vis-à-vis other convertible, exercisable or exchangeable securities owned by the Holder or any of its Affiliates) and of which such securities shall be exercisable or exchangeable (as among all such securities owned by the Holder) shall, subject to such Maximum Percentage limitation, be determined on the basis of the first submission to the Company for conversion, exercise or exchange (as the case may be). No prior inability to exercise or exchange this Warrant pursuant to this paragraph shall have any effect on the applicability of the provisions of this paragraph with respect to any subsequent determination of exercisability or exchangeability. For the purposes of this paragraph, beneficial ownership and all determinations and calculations (including, without limitation, with respect to calculations of percentage ownership) shall be determined in accordance with Section 13(d) of the Securities Exchange Act of 1934, as amended (the “**1934 Act**”), and the rules and regulations promulgated thereunder. The provisions of this paragraph shall be implemented in a manner otherwise than in strict conformity with the terms of this paragraph to correct this paragraph (or any portion hereof) which may be defective or inconsistent with the intended Maximum Percentage beneficial ownership limitation herein contained or to make changes or supplements necessary or desirable to properly give effect to such Maximum Percentage limitation. The limitations contained in this paragraph shall apply to a successor Holder of this Warrant. The holders of Common Stock shall be third party beneficiaries of this paragraph and the Company may not amend or waive this paragraph without the consent of holders of a majority of its Common Stock. For any reason at any time, upon the written or oral request of the Holder, the Company shall within one (1) Business Day confirm orally and in writing to the Holder the number of shares of Common Stock then outstanding, including by virtue of any prior conversion or exercise or exchange of convertible or exercisable or exchangeable securities into Common Stock, including, without limitation, pursuant to this Warrant or securities issued pursuant to the Certificate of Designation.

(g) Mandatory Exercise

If at any time after the 120 day anniversary of the Issuance Date, for twenty (20) consecutive Trading Days the Closing Sale Price of the Common Stock for each Trading Day during such period is at a price greater than or equal to 25% above the Exercise Price as in effect at the end of such Trading Day (such period being the “**Trigger Period**”), then (provided no Equity Conditions Failure shall have occurred during such period or be continuing at any time during such period), the Company shall have the right to require the Holder to exercise for cash all, but not less than all, of this Warrant for all of the then-remaining Warrant Shares as further set forth below. The Company may exercise its right to require exercise under this Section 1(g) (the “**Mandatory Exercise Right**”) on one occasion (or, if a Mandatory Exercise Notice becomes null and void pursuant to this Section 1(g), such number of additional occasions as necessary to permit a Mandatory Exercise with respect to the entire amount of Warrant Shares

issuable hereunder). The Company shall exercise its Mandatory Exercise Right (to the extent permitted hereby) by delivering, within ten (10) Trading Days following the end of the Trigger Period, a written notice thereof by facsimile and overnight courier to the Holder (the “**Mandatory Exercise Notice**” and the date such notice by facsimile is deemed to be delivered in accordance with Section 8 below is referred to as the “**Mandatory Exercise Notice Date**”). The Mandatory Exercise Notice shall be irrevocable. The Mandatory Exercise Notice shall (1) state the Trading Day selected for the Mandatory Exercise in accordance with this Section 1(g), which Trading Day shall be at least five (5) Trading Days but not more than fifteen (15) Trading Days following the Mandatory Exercise Notice Date (the “**Mandatory Exercise Date**”), (2) state the number of shares of Common Stock to be issued to the Holder on the Mandatory Exercise Date and (3) contain a certification from the Chief Executive Officer of the Company that there is then no Equity Conditions Failure existing as of the Mandatory Exercise Notice Date. Any portion of this Warrant exercised by the Holder after the Mandatory Exercise Notice Date shall reduce the number of Warrant Shares for which this Warrant is required to be exercised on the Mandatory Exercise Date; provided however, that so long as the Closing Sale Price of the Common Stock for each Trading Day between the Mandatory Exercise Notice Date and the Mandatory Exercise Date is at a price greater than or equal to 25% above the Exercise Price as in effect at the end of such Trading Day, the holder cannot exercise this warrant pursuant to Section 1(d) above. If the Company has elected a Mandatory Exercise, the mechanics of exercise set forth in Section 1 shall apply, to the extent applicable, as if the Warrant Agent had received from the Holder on the Mandatory Exercise Date an Exercise Notice with respect to all of the then-remaining Warrant Shares (or the Permitted Exercise Amount (as defined below) of Warrant Shares, as applicable). Notwithstanding anything contained in this Section 1(g) to the contrary, if an Equity Conditions Failure occurs on any day between the occurrence of the Trigger Period and prior to the Mandatory Exercise Date, then the Mandatory Exercise Notice delivered to the Holder shall be null and void ab initio and the Mandatory Exercise shall not occur and the Mandatory Exercise Right shall not be available to the Company unless and until the conditions precedent to such Mandatory Exercise Right are again satisfied. If the Company elects to cause a mandatory exercise of this Warrant pursuant to this Section 1(g), then it must simultaneously take the same action with respect to all of the other warrants issued to investors in the Offering, if any, held by any person other than Holder. By way of example, if the Exercise Price of the Warrant is \$1.25 per share, and after the 120 day anniversary of the Issuance Date, the Closing Sale Price for twenty (20) consecutive Trading Days is greater than or equal to \$1.5625 per share, the Company may exercise the Mandatory Exercise Right.

(h) Insufficient Authorized Shares

The Company shall at all times keep reserved for issuance under this Warrant a number of shares of Common Stock as shall be necessary to satisfy the Company’s obligation to issue shares of Common Stock hereunder (without regard to any limitation otherwise contained herein with respect to the number of shares of Common Stock that may be acquirable upon exercise or exchange of this Warrant). If, notwithstanding the foregoing, and not in limitation thereof, at any time while any of the Purchased Warrants remain outstanding the Company does not have a sufficient number of authorized and unreserved shares of Common Stock to satisfy its obligation to reserve for issuance upon exercise or exchange of the Purchased Warrants at least a number of shares of Common Stock equal to the number of shares of Common Stock as shall from time to time be necessary to effect the exercise or exchange of all of the Purchased Warrants then

outstanding (the “**Required Reserve Amount**”) (an “**Authorized Share Failure**”), then the Company shall immediately take all action necessary to increase the Company’s authorized shares of Common Stock to an amount sufficient to allow the Company to reserve the Required Reserve Amount for all the Purchased Warrants then outstanding. Without limiting the generality of the foregoing sentence, as soon as practicable after the date of the occurrence of an Authorized Share Failure, but in no event later than ninety (90) days after the occurrence of such Authorized Share Failure, the Company shall hold a meeting of its shareholders for the approval of an increase in the number of authorized shares of Common Stock. In connection with such meeting, the Company shall provide each shareholder with a proxy statement and shall use its commercially reasonable efforts to solicit its shareholders’ approval of such increase in authorized shares of Common Stock and to cause its board of directors to recommend to the shareholders that they approve such proposal.

2. **ADJUSTMENT OF EXERCISE PRICE AND NUMBER OF WARRANT SHARES.** The Exercise Price and number of Warrant Shares issuable upon exercise of this Warrant are subject to adjustment from time to time as set forth in this Section 2.

(a) Stock Dividends and Splits. Without limiting any provision of Section 4, if the Company, at any time on or after the Issuance Date, (i) pays a stock dividend on one or more classes of its then outstanding shares of Common Stock or otherwise makes a distribution on any class of capital stock that is payable in shares of Common Stock, (ii) subdivides (by any stock split, stock dividend, recapitalization or otherwise) one or more classes of its then outstanding shares of Common Stock into a larger number of shares or (iii) combines (by combination, reverse stock split or otherwise) one or more classes of its then outstanding shares of Common Stock into a smaller number of shares, then in each such case the Exercise Price shall be multiplied by a fraction of which the numerator shall be the number of shares of Common Stock outstanding immediately before such event and of which the denominator shall be the number of shares of Common Stock outstanding immediately after such event. Any adjustment made pursuant to clause (i) of this paragraph shall become effective immediately after the record date for the determination of shareholders entitled to receive such dividend or distribution, and any adjustment pursuant to clause (ii) or (iii) of this paragraph shall become effective immediately after the effective date of such subdivision or combination. If any event requiring an adjustment under this paragraph occurs during the period that an Exercise Price is calculated hereunder, then the calculation of such Exercise Price shall be adjusted appropriately to reflect such event.

(b) [RESERVED]

(c) Number of Warrant Shares. Simultaneously with any adjustment to the Exercise Price pursuant to paragraph (a) of this Section 2, the number of Warrant Shares that may be purchased upon exercise of this Warrant shall be increased or decreased proportionately, so that after such adjustment the aggregate Exercise Price payable hereunder for the adjusted number of Warrant Shares shall be the same as the aggregate Exercise Price in effect immediately prior to such adjustment (without regard to any limitations on exercise contained herein). In addition, and notwithstanding anything to the contrary contained herein, (x) upon a Cashless Exercise as set forth in Section 1(d) hereof, the number of Warrant Shares for which this Warrant is exercisable immediately following such Cashless Exercise shall be equal to (i) the number of Warrant Shares for which this Warrant was exercisable immediately prior to such Cashless

Exercise less (ii) the number of Warrant Shares as to which such Cashless Exercise was exercised (such number of Warrant Shares in this clause (ii) in respect of such Cashless Exercise being equal to “A” in such Cashless Exercise formula in respect of such Cashless Exercise) and (y) the number of Warrant Shares issuable hereunder shall automatically be increased, as necessary, to enable to the Company to comply with its obligations to issue the Net Number of shares of Common Stock under Section 1(d) hereof upon any Cashless Exercise hereunder.

(d) Calculations. All calculations under this Section 2 shall be made by rounding to the nearest 1/1000th of cent and the nearest 1/100th of a share, as applicable. The number of shares of Common Stock outstanding at any given time shall not include shares owned or held by or for the account of the Company, and the disposition of any such shares shall be considered an issue or sale of Common Stock.

(e) Other Events. In the event that the Company shall take any action to which the provisions hereof are not strictly applicable, or, if applicable, would not operate to protect the Holder from dilution or if any event occurs of the type contemplated by the provisions of this Section 2 but not expressly provided for by such provisions (including, without limitation, the granting of stock appreciation rights, phantom stock rights or other rights with equity features), then the Company’s board of directors shall in good faith determine and implement an appropriate adjustment in the Exercise Price and the number of Warrant Shares (if applicable) so as to protect the rights of the Holder, provided that no such adjustment pursuant to this Section 2(e) will increase the Exercise Price or decrease the number of Warrant Shares as otherwise determined pursuant to this Section 2, provided further that if the Required Holders (as defined below) do not accept such adjustments as appropriately protecting its interests hereunder against such dilution, then the Company’s board of directors and the Required Holders shall agree, in good faith, upon an independent investment bank of nationally recognized standing to make such appropriate adjustments, whose determination shall be final and binding and whose fees and expenses shall be borne by the Company.

3. RIGHTS UPON DISTRIBUTION OF ASSETS. In addition to any adjustments pursuant to Section 2 above, if the Company, at any time prior to the three year anniversary of the Issuance Date, shall declare or make any dividend or other distribution of its assets (or rights to acquire its assets) to all or substantially all of the holders of shares of Common Stock, by way of return of capital or otherwise (including, without limitation, any distribution of cash, stock or other securities, indebtedness, property or options by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) (a “**Distribution**”), at any time after the issuance of this Warrant, then, in each such case, the Holder shall be entitled to participate in such Distribution to the same extent that the Holder would have participated therein if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations on exercise hereof, including without limitation, the Maximum Percentage) immediately before the date on which a record is taken for such Distribution, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the participation in such Distribution (provided, however, to the extent that the Holder’s right to participate in any such Distributions would result in the Holder exceeding the Maximum Percentage, then the Holder shall not be entitled to participate in such Distribution to such extent (or the beneficial ownership of any such shares of Common Stock as a result of such Distribution to such extent) and such Distribution to such

extent shall be held in abeyance for the benefit of the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Maximum Percentage), provided further, such Distribution shall be held in abeyance for the benefit of the Holder until such time as the Holder exercises this Warrant (whether in whole or in part), and subject to the foregoing proviso, upon each exercise of this Warrant the Company shall make such Distribution to the Holder with respect to each Warrant Share for which this Warrant is so exercised until such time as this Warrant has been exercised in full).

4. PURCHASE RIGHTS; FUNDAMENTAL TRANSACTIONS.

(a) Purchase Rights. In addition to any adjustments pursuant to Section 2 above, if the Company, at any time prior to the three year anniversary of the Issuance Date, grants, issues or sells any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property pro rata to all or substantially all of the record holders of any class of shares of Common Stock (the "**Purchase Rights**"), then the Holder will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which the Holder could have acquired if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations on exercise hereof, including without limitation, the Maximum Percentage) immediately before the date on which a record is taken for the grant, issuance or sale of such Purchase Rights, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the grant, issue or sale of such Purchase Rights (provided, however, to the extent that the Holder's right to participate in any such Purchase Right would result in the Holder exceeding the Maximum Percentage, then the Holder shall not be entitled to participate in such Purchase Right to such extent (or beneficial ownership of such shares of Common Stock as a result of such Purchase Right to such extent) and such Purchase Right to such extent shall be held in abeyance for the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Maximum Percentage), and provided further, that such Purchase Rights shall be held in abeyance for the benefit of the Holder until such time as the Holder exercises this Warrant (whether in whole or in part), and subject to the foregoing proviso, upon each exercise of this Warrant the Company shall deliver such Purchase Rights to the Holder with respect to each Warrant Share for which this Warrant is so exercised until such time as this Warrant has been exercised in full).

(b) Fundamental Transactions. The Company shall not enter into or be party to a Fundamental Transaction unless the Successor Entity assumes in writing all of the obligations of the Company under this Warrant in accordance with the provisions of this Section 4(b) pursuant to written agreements in form and substance reasonably satisfactory to the Required Holders and approved by the Required Holders prior to such Fundamental Transaction, including agreements confirming the obligations of the Successor Entity as set forth in this paragraph (b) and (c) and elsewhere in this Warrant and an obligation to deliver to the Holder in exchange for this Warrant a security of the Successor Entity evidenced by a written instrument substantially similar in form and substance to this Warrant, including, without limitation, which is exercisable for a corresponding number of shares of capital stock equivalent to the shares of Common Stock acquirable and receivable upon exercise of this Warrant (without regard to any limitations on the exercise of this Warrant) prior to such Fundamental Transaction, and with an exercise price which applies the exercise price hereunder to such shares of capital stock (but taking into

account the relative value of the shares of Common Stock pursuant to such Fundamental Transaction and the value of such shares of capital stock, such adjustments to the number of shares of capital stock and such exercise price being for the purpose of protecting the economic value of this Warrant immediately prior to the consummation of such Fundamental Transaction). Notwithstanding the foregoing, at the election of the Holder upon exercise of this Warrant following a Fundamental Transaction, the Successor Entity shall deliver to the Holder, in lieu of the shares of Common Stock (or other securities, cash, assets or other property (except such items still issuable under Sections 3 and 4(a) above, which shall continue to be receivable thereafter)) issuable upon the exercise of this Warrant prior to the applicable Fundamental Transaction, such shares of common stock (or its equivalent) of the Successor Entity (including its Parent Entity), or other securities, cash, assets or other property, which the Holder would have been entitled to receive upon the happening of the applicable Fundamental Transaction had this Warrant been exercised immediately prior to the applicable Fundamental Transaction (without regard to any limitations on the exercise of this Warrant).

(c) Black Scholes Value—FT. Notwithstanding the foregoing and the provisions of Section 4(b) above, at the request of the Holder delivered at any time commencing on the date of the consummation of any such Fundamental Transaction through the date that is thirty (30) days after the consummation of any such Fundamental Transaction, the Company or the Successor Entity, at the election of the Holder, shall purchase this Warrant from the Holder on the date of such request by paying to the Holder cash in an amount equal to the Black Scholes Value—FT.

(d) Application. The provisions of this Section 4 shall apply similarly and equally to successive Fundamental Transactions and shall be applied as if this Warrant (and any such subsequent warrants issued hereunder) were fully exercisable and without regard to any limitations on the exercise of this Warrant (provided that the Holder shall continue to be entitled to the benefit of the Maximum Percentage, applied however with respect to shares of capital stock registered under the 1934 Act and thereafter receivable upon exercise of this Warrant (or any such other warrant)).

5. NONCIRCUMVENTION. The Company hereby covenants and agrees that the Company will not, by amendment of its Charter (as defined in the Underwriting Agreement), Bylaws (as defined in the Underwriting Agreement) or through any reorganization, transfer of assets, consolidation, merger, scheme of arrangement, dissolution, issue or sale of securities, or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms of this Warrant, and will at all times in good faith carry out all the provisions of this Warrant and take all action as may be required to protect the rights of the Holder. Without limiting the generality of the foregoing, the Company (i) shall not increase the par value of any shares of Common Stock receivable upon the exercise of this Warrant above the Exercise Price then in effect, (ii) shall take all such actions as may be necessary or appropriate in order that the Company may validly and legally issue fully paid and non-assessable shares of Common Stock upon the exercise of this Warrant, and (iii) shall, so long as any of the Purchased Warrants are outstanding, take all action necessary to reserve and keep available out of its authorized and unissued shares of Common Stock, solely for the purpose of effecting the exercise of the Purchased Warrants, the maximum number of shares of Common Stock as shall from time to time be necessary to effect the exercise of the Purchased Warrants then outstanding (without regard to any limitations on exercise).

6. WARRANT HOLDER NOT DEEMED A STOCKHOLDER. Except as otherwise specifically provided herein, the Holder, solely in its capacity as a holder of this Warrant, shall not be entitled to vote or receive dividends or be deemed the holder of share capital of the Company for any purpose, nor shall anything contained in this Warrant be construed to confer upon the Holder, solely in its capacity as the Holder of this Warrant, any of the rights of a stockholder of the Company or any right to vote, give or withhold consent to any corporate action (whether any reorganization, issue of stock, reclassification of stock, consolidation, merger, conveyance or otherwise), receive notice of meetings, receive dividends or subscription rights, or otherwise, prior to the issuance to the Holder of the Warrant Shares which it is then entitled to receive upon the due exercise of this Warrant. In addition, nothing contained in this Warrant shall be construed as imposing any liabilities on the Holder to purchase any securities (upon exercise of this Warrant or otherwise) or as a stockholder of the Company, whether such liabilities are asserted by the Company or by creditors of the Company. Notwithstanding this Section 6, the Company shall provide the Holder with copies of the same notices and other information given to the stockholders of the Company generally, contemporaneously with the giving thereof to the stockholders; provided however, that the Company shall not be obligated to provide such information if it is filed with the SEC through EDGAR and available to the public through the EDGAR system.

7. REISSUANCE OF WARRANTS.

(a) Transfer of Warrant. If this Warrant is to be transferred, the Holder shall surrender this Warrant (or the Book Entry Warrant Certificate) to the Company or the Warrant Agent (or other designated agent), whereupon the Company or the Warrant Agent (or other designated agent) will forthwith issue and deliver upon the order of the Holder a new Warrant (or Book Entry Warrant Certificate) (in accordance with Section 7(d)), registered as the Holder may request, representing the right to purchase the number of Warrant Shares being transferred by the Holder and, if less than the total number of Warrant Shares then underlying this Warrant is being transferred, a new Warrant (or Book Entry Warrant Certificate) (in accordance with Section 7(d)) to the Holder representing the right to purchase the number of Warrant Shares not being transferred.

(b) Lost, Stolen or Mutilated Warrant. Upon receipt by the Company of evidence reasonably satisfactory to the Company of the loss, theft, destruction or mutilation of this Warrant (or the Book Entry Warrant Certificate) (as to which a written certification and the indemnification contemplated below shall suffice as such evidence), and, in the case of loss, theft or destruction, of any indemnification undertaking by the Holder to the Company in customary and reasonable form (including posting a bond) and, in the case of mutilation, upon surrender and cancellation of this Warrant (or the Book Entry Warrant Certificate), the Company shall execute and deliver to the Holder a new Warrant (or Book Entry Warrant Certificate) (in accordance with Section 7(d)) representing the right to purchase the Warrant Shares then underlying this Warrant.

(c) Exchangeable for Multiple Warrants. This Warrant is exchangeable, upon the surrender hereof (or of the Book Entry Warrant Certificate) by the Holder at the principal office of the Company, for a new Warrant or Warrants (or Book Entry Warrant Certificates) (in accordance with Section 7(d)) representing in the aggregate the right to purchase the number of

Warrant Shares then underlying this Warrant, and each such new Warrant (or Book Entry Warrant Certificate) will represent the right to purchase such portion of such Warrant Shares as is designated by the Holder at the time of such surrender; provided, however, no warrants for fractional shares of Common Stock shall be given.

(d) Issuance of New Warrants. Whenever the Company is required to issue a new Warrant (or Book Entry Warrant Certificate) pursuant to the terms of this Warrant, such new Warrant (or Book Entry Warrant Certificate) (i) shall be of like tenor with this Warrant (or Book Entry Warrant Certificate), (ii) shall represent, as indicated on the face of such new Warrant (or Book Entry Warrant Certificate), the right to purchase the Warrant Shares then underlying this Warrant (or in the case of a new Warrant (or Book Entry Warrant Certificate) being issued pursuant to Section 7(a) or Section 7(c), the Warrant Shares designated by the Holder which, when added to the number of shares of Common Stock underlying the other new Warrants (or Book Entry Warrant Certificates) issued in connection with such issuance, does not exceed the number of Warrant Shares then underlying this Warrant), (iii) shall have an issuance date, as indicated on the face of such new Warrant (or Book Entry Warrant Certificate) which is the same as the Issuance Date, and (iv) shall have the same rights and conditions as this Warrant.

8. NOTICES. Whenever notice is required to be given under this Warrant, unless otherwise provided herein, such notice shall be in writing and shall be deemed given (w) the date of transmission, if such notice or communication is delivered via facsimile or email at the number or email address set forth below prior to 5:00 p.m. (New York time) on a Business Day, (x) on the date delivered, if delivered personally, (y) on the first Business Day following the deposit thereof with Federal Express or another recognized overnight courier, if sent by Federal Express or another recognized overnight courier, and (z) on the fourth Business Day following the mailing thereof with postage prepaid, if mailed by registered or certified mail (return receipt requested), in each case to the parties at the following addresses (or at such other address for a party as shall be specified by like notice).

(a) If to the Company, to:

Amedica Corporation
1885 West 2100 South
Salt Lake City, UT 84119
Attention: Chief Legal Officer
Facsimile: (801) 839-3605
email: KOntiveros@amedica.com

(b) If to the Warrant Agent, to:

American Stock Transfer & Trust Company, LLC
6201 15th Avenue
Brooklyn, NY 11219
Attention: Frank Ruggiero—Reorg. Dept.
email: FRuggiero@amstock.com

(c) If to the Holder, to the address of such holder as shown on the Warrant Register. Any notice required to be delivered by the Company to the Holder may be given by the Warrant Agent on behalf of the Company.

The Company shall provide the Holder with prompt written notice of all actions taken pursuant to this Warrant, including in reasonable detail a description of such action and the reason therefor. Without limiting the generality of the foregoing, the Company will give written notice to the Holder (i) as soon as practicable upon each adjustment of the Exercise Price and the number of Warrant Shares, setting forth in reasonable detail, and certifying, the calculation of such adjustment(s) and (ii) at least fifteen (15) days prior to the date on which the Company closes its books or takes a record (A) with respect to any dividend or distribution upon the shares of Common Stock, (B) with respect to any grants, issuances or sales of any Options, Convertible Securities or rights to purchase stock, warrants, securities, indebtedness, or other property pro rata to holders of shares of Common Stock or (C) for determining rights to vote with respect to any Fundamental Transaction, dissolution or liquidation, provided in each case that such information (to the extent it constitutes, or contains, material, non-public information regarding the Company or any of its Subsidiaries shall be made known to the public prior to or in conjunction with such notice being provided to the Holder and (iii) at least ten (10) Trading Days prior to the consummation of any Fundamental Transaction. To the extent that any notice provided hereunder (whether under this Section 8 or otherwise) constitutes, or contains, material, non-public information regarding the Company or any of its Subsidiaries, the Company shall simultaneously file such notice with the SEC pursuant to a Current Report on Form 8-K.

9. AMENDMENT AND WAIVER. Except as otherwise expressly set forth herein, the provisions of this Warrant may be amended only with the written consent of the Company and the Required Holders. Any amendment effected in accordance with this Section 9 shall be binding upon the Holder and the Company, provided that no such amendment shall be effective to the extent that it (1) applies to less than all Purchased Warrants then outstanding, (2) imposes any obligation or liability on the Holder without the Holder's prior written consent (which may be granted or withheld in the Holder's sole discretion) or (3) applies retroactively. Except as otherwise expressly set forth herein, no waiver shall be effective unless it is in writing and signed by an authorized representative of the waiving party, provided that the Required Holders (in a writing signed by all of the Required Holders) may waive any provision of this Warrant, and any waiver of any provision of this Warrant made in conformity with the provisions of this Section 9 shall be binding on the Holder, provided that no such waiver shall be effective to the extent that it (1) applies to less than all Purchased Warrants then outstanding (unless a party gives a waiver as to itself only) or (2) imposes any obligation or liability on the Holder without the Holder's prior written consent (which may be granted or withheld in the Holder's sole discretion). Notwithstanding the foregoing, nothing contained in this Section 9 shall permit any amendment or waiver of any provision of Section 1(f) or the waiver of any Equity Conditions Failure if such failure in any manner resulted from clause (ii) of the definition thereof.

10. SEVERABILITY. If any provision of this Warrant is prohibited by law or otherwise determined to be invalid or unenforceable by a court of competent jurisdiction, the provision that would otherwise be prohibited, invalid or unenforceable shall be deemed amended to apply to the broadest extent that it would be valid and enforceable, and the invalidity or unenforceability of such provision shall not affect the validity of the remaining provisions of this Warrant so long

as this Warrant as so modified continues to express, without material change, the original intentions of the parties as to the subject matter hereof and the prohibited nature, invalidity or unenforceability of the provision(s) in question does not substantially impair the respective expectations or reciprocal obligations of the parties or the practical realization of the benefits that would otherwise be conferred upon the parties. The parties will endeavor in good faith negotiations to replace the prohibited, invalid or unenforceable provision(s) with a valid provision(s), the effect of which comes as close as possible to that of the prohibited, invalid or unenforceable provision(s).

11. **GOVERNING LAW.** This Warrant shall be governed by and construed and enforced in accordance with, and all questions concerning the construction, validity, interpretation and performance of this Warrant shall be governed by, the internal laws of the State of New York, without giving effect to any choice of law or conflict of law provision or rule (whether of the State of New York or any other jurisdictions) that would cause the application of the laws of any jurisdictions other than the State of New York. The Company hereby irrevocably submits to the exclusive jurisdiction of the state and federal courts sitting in The City of New York, Borough of Manhattan, for the adjudication of any dispute hereunder or in connection herewith or with any transaction contemplated hereby or discussed herein, and hereby irrevocably waives, and agrees not to assert in any suit, action or proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such suit, action or proceeding is brought in an inconvenient forum or that the venue of such suit, action or proceeding is improper. Nothing contained herein shall be deemed to limit in any way any right to serve process in any manner permitted by law. Nothing contained herein shall (i) be deemed or operate to preclude the Holder from bringing suit or taking other legal action against the Company in any other jurisdiction to collect on the Company's obligations to the Holder or to enforce a judgment or other court ruling in favor of the Holder or (ii) limit, or be deemed to limit, any provision of Section 13. **THE COMPANY HEREBY IRREVOCABLY WAIVES ANY RIGHT IT MAY HAVE TO, AND AGREES NOT TO REQUEST, A JURY TRIAL FOR THE ADJUDICATION OF ANY DISPUTE HEREUNDER OR IN CONNECTION WITH OR ARISING OUT OF THIS WARRANT OR ANY TRANSACTION CONTEMPLATED HEREBY.**

12. **CONSTRUCTION; HEADINGS.** This Warrant shall be deemed to be jointly drafted by the Company and the Holder and shall not be construed against any Person as the drafter hereof. The headings of this Warrant are for convenience of reference and shall not form part of, or affect the interpretation of, this Warrant.

13. **DISPUTE RESOLUTION.**

(a) Disputes Over the Exercise Price, Exchange Amount, Exchange Price, Closing Sale Price, Bid Price, the Black Scholes Value—FT or Fair Market Value.

(i) In the case of a dispute relating to the Exercise Price, the Exchange Amount, the Exchange Price, the Closing Sale Price, the Closing Bid Price, the Bid Price, the Black Scholes Value—FT or fair market value (as the case may be) (including, without limitation, a dispute relating to the determination of any of the foregoing), the Company or the Required Holders (as the case may be) shall submit the dispute via e-

mail or facsimile (I) within twenty (20) Business Days after delivery of the applicable notice giving rise to such dispute to the Company or the Required Holders (as the case may be) or (II) if no notice gave rise to such dispute, at any time after the Required Holders learned of the circumstances giving rise to such dispute. If the Required Holders and the Company are unable to resolve such dispute relating to the Exercise Price, the Exchange Amount, the Exchange Price, the Closing Sale Price, the Closing Bid Price, the Bid Price, the Black Scholes Value—FT or fair market value (as the case may be) by 5:00 p.m. (New York time) on the third (3rd) Business Day following such delivery by the Company or the Required Holders (as the case may be) of such dispute to the Company or the Required Holders (as the case may be), then the Required Holders shall select an independent, reputable investment bank to resolve such dispute.

(ii) The Required Holders and the Company shall each deliver to such investment bank (x) a copy of the initial dispute submission so delivered in accordance with the first sentence of this Section 13(a) and (y) written documentation supporting its position with respect to such dispute, in each case, no later than 5:00 p.m. (New York time) by the fifth (5th) Business Day immediately following the date on which the Required Holders selected such investment bank (the “**Dispute Submission Deadline**”) (the documents referred to in the immediately preceding clauses (x) and (y) are collectively referred to herein as the “**Required Dispute Documentation**”) (it being understood and agreed that if either the Required Holders or the Company fails to so deliver all of the Required Dispute Documentation by the Dispute Submission Deadline, then the party who fails to so submit all of the Required Dispute Documentation shall no longer be entitled to (and hereby waives its right to) deliver or submit any written documentation or other support to such investment bank with respect to such dispute and such investment bank shall resolve such dispute based solely on the Required Dispute Documentation that was delivered to such investment bank prior to the Dispute Submission Deadline). Unless otherwise agreed to in writing by both the Company and the Required Holders or otherwise requested by such investment bank, neither the Company nor the Required Holders shall be entitled to deliver or submit any written documentation or other support to such investment bank in connection with such dispute (other than the Required Dispute Documentation).

(iii) The Company and the Required Holders shall cause such investment bank to determine the resolution of such dispute and notify the Company and the Required Holders of such resolution no later than ten (10) Business Days immediately following the Dispute Submission Deadline. The fees and expenses of such investment bank shall be borne by the Company (provided that such fees and expenses shall be borne equally by the Company and the Required Holders only if such investment bank’s determination of the disputed Exercise Price, Exchange Amount, Exchange Price, Closing Sale Price, Closing Bid Price, Bid Price, Black Scholes Value—FT or fair market value (as the case may be) was equal to or greater than 98% of the Company’s determination thereof that gave rise to the applicable dispute), and such investment bank’s resolution of such dispute shall be final and binding upon all parties absent manifest error.

(b) Disputes Over Arithmetic Calculation of Warrant Shares.

(i) In the case of a dispute as to the arithmetic calculation of the number of Warrant Shares, the Company or the Required Holders (as the case may be) shall submit the disputed arithmetic calculation via facsimile (i) within twenty (20) Business Days after delivery of the applicable notice giving rise to such dispute to the Company or the Required Holders (as the case may be) or (ii) if no notice gave rise to such dispute, at any time after the Required Holders learned of the circumstances giving rise to such dispute. If the Required Holders and the Company are unable to resolve such disputed arithmetic calculation of the number of Warrant Shares by 5:00 p.m. (New York time) on the third (3rd) Business Day following such delivery by the Company or the Required Holders (as the case may be) of such disputed arithmetic calculation of the number of Warrant Shares to the Company or the Required Holders (as the case may be), then the Required Holders shall select an independent, reputable accountant or accounting firm to perform such disputed arithmetic calculation of the number of Warrant Shares.

(ii) The Required Holders and the Company shall each deliver to such accountant or accounting firm (as the case may be) (x) a copy of the initial dispute submission so delivered in accordance with the first sentence of this Section 13(b) and (y) written documentation supporting its position with respect to such disputed arithmetic calculation of the number of Warrant Shares, in each case, no later than 5:00 p.m. (New York time) by the fifth (5th) Business Day immediately following the date on which the Required Holders selected such accountant or accounting firm (as the case may be) (the “**Submission Deadline**”) (the documents referred to in the immediately preceding clauses (x) and (y) are collectively referred to herein as the “**Required Documentation**”) (it being understood and agreed that if either the Required Holders or the Company fails to so deliver all of the Required Documentation by the Submission Deadline, then the party who fails to so submit all of the Required Documentation shall no longer be entitled to (and hereby waives its right to) deliver or submit any written documentation or other support to such accountant or accounting firm (as the case may be) with respect to such disputed arithmetic calculation of the number of Warrant Shares and such accountant or accounting firm (as the case may be) shall perform such disputed arithmetic calculation of the number of Warrant Shares based solely on the Required Documentation that was delivered to such accountant or accounting firm (as the case may be) prior to the Submission Deadline). Unless otherwise agreed to in writing by both the Company and the Required Holders or otherwise requested by such accountant or accounting firm (as the case may be), neither the Company nor the Required Holders shall be entitled to deliver or submit any written documentation or other support to such accountant or accounting firm (as the case may be) in connection with such disputed arithmetic calculation of the number of Warrant Shares (other than the Required Documentation).

(iii) The Company and the Required Holders shall cause such accountant or accounting firm (as the case may be) to perform such disputed arithmetic calculation and notify the Company and the Required Holders of the results no later than ten (10) Business Days immediately following the Submission Deadline. The fees and expenses of such accountant or accounting firm (as the case may be) shall be borne solely by the Company, and such accountant’s or accounting firm’s (as the case may be) arithmetic calculation shall be final and binding upon all parties absent manifest error.

(c) Miscellaneous. The Company expressly acknowledges and agrees that (i) this Section 13 constitutes an agreement to arbitrate between the Company and the Required Holders (and constitutes an arbitration agreement) under § 7501, et seq. of the New York Civil Practice Law and Rules (“CPLR”) and that each party is authorized to apply for an order to compel arbitration pursuant to CPLR § 7503(a) in order to compel compliance with this Section 13, (ii) the terms of this Warrant shall serve as the basis for the selected investment bank’s resolution of the applicable dispute, such investment bank shall be entitled (and is hereby expressly authorized) to make all findings, determinations and the like that such investment bank determines are required to be made by such investment bank in connection with its resolution of such dispute and in resolving such dispute such investment bank shall apply such findings, determinations and the like to the terms of this Warrant, (iii) the terms of this Warrant shall serve as the basis for the selected accountant’s or accounting firm’s performance of the applicable arithmetic calculation of the number of Warrant Shares, (iv) for clarification purposes and without implication that the contrary would otherwise be true, disputes relating to matters described in Section 13(a) shall be governed by Section 13(a) and not by Section 13(b), (v) the Required Holders (and only the Required Holders), in their sole discretion, shall have the right to submit any dispute described in this Section 13 to any state or federal court sitting in The City of New York, Borough of Manhattan in lieu of utilizing the procedures set forth in this Section 13 and (vi) nothing in this Section 13 shall limit the Holder from obtaining any injunctive relief or other equitable remedies (including, without limitation, with respect to any matters described in Section 13(a) or Section 13(b)).

14. REMEDIES, CHARACTERIZATION, OTHER OBLIGATIONS, BREACHES AND INJUNCTIVE RELIEF. The remedies provided in this Warrant shall be cumulative and in addition to all other remedies available under this Warrant, at law or in equity (including a decree of specific performance and/or other injunctive relief), and nothing herein shall limit the right of the Holder to pursue damages for any failure by the Company to comply with the terms of this Warrant. The Company covenants to the Holder that there shall be no characterization concerning this instrument other than as expressly provided herein. Amounts set forth or provided for herein with respect to payments, exercises and the like (and the computation thereof) shall be the amounts to be received by the Holder and shall not, except as expressly provided herein, be subject to any other obligation of the Company (or the performance thereof). The Company acknowledges that a breach by it of its obligations hereunder will cause

irreparable harm to the Holder and that the remedy at law for any such breach may be inadequate. The Company therefore agrees that, in the event of any such breach or threatened breach, the holder of this Warrant shall be entitled, in addition to all other available remedies, to an injunction restraining any breach, without the necessity of showing economic loss and without any bond or other security being required. The Company shall provide all information and documentation to the Holder that is requested by the Holder to enable the Holder to confirm the Company's compliance with the terms and conditions of this Warrant (including, without limitation, compliance with Section 2 hereof). The issuance of shares and certificates for shares as contemplated hereby upon the exercise of this Warrant shall be made without charge to the Holder or such shares for any issuance tax or other costs in respect thereof, provided that the Company shall not be required to pay any tax which may be payable in respect of any transfer involved in the issuance and delivery of any certificate in a name other than the Holder or its agent on its behalf.

15. TRANSFER. This Warrant may be offered for sale, sold, transferred or assigned without the consent of the Company.

16. CERTAIN DEFINITIONS. For purposes of this Warrant, the following terms shall have the following meanings:

(a) "**Bid Price**" means, for any security as of the particular time of determination, the bid price for such security on the Principal Market as reported by Bloomberg as of such time of determination, or, if the Principal Market is not the principal securities exchange or trading market for such security, the bid price of such security on the principal securities exchange or trading market where such security is listed or traded as reported by Bloomberg as of such time of determination, or if the foregoing does not apply, the bid price of such security in the over-the-counter market on the electronic bulletin board for such security as reported by Bloomberg as of such time of determination, or, if no bid price is reported for such security by Bloomberg as of such time of determination, the average of the bid prices of all of the market makers for such security as reported in the "pink sheets" by OTC Markets Group Inc. as of such time of determination. If the Bid Price cannot be calculated for a security as of the particular time of determination on any of the foregoing bases, the Bid Price of such security as of such time of determination shall be the fair market value as mutually determined by the Company and the Required Holders. If the Company and the Required Holders are unable to agree upon the fair market value of such security, then such dispute shall be resolved in accordance with the procedures in Section 13. All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination or other similar transaction during such period.

(b) "**Black Scholes Value**" means the Black Scholes value of an option for one share of Common Stock at the date of the applicable Cashless Exercise, as such Black Scholes value is determined, calculated using the Black Scholes Option Pricing Model obtained from the "OV" function on Bloomberg utilizing (i) an underlying price per share equal to the Closing Bid Price of the Common Stock as of Trading Day immediately preceding the Issuance Date (adjusted to the same extent that the Exercise Price hereunder has been adjusted pursuant to Section 2(a) hereof), (ii) a risk-free interest rate corresponding to the U.S. Treasury rate for a period equal to the remaining term of the Warrant as of the applicable Cashless Exercise, (iii) a strike price equal to the Exercise Price in effect at the time of the applicable Cashless Exercise, (iv) an expected volatility equal to 135% and (v) a remaining term of such option equal to five (5) years (regardless of the actual remaining term of the Warrant).

(c) **“Black Scholes Value—FT”** means the value of the unexercised portion of this Warrant remaining on the date of the Holder’s request pursuant to Section 4(c), which value is calculated using the Black Scholes Option Pricing Model obtained from the “OV” function on Bloomberg utilizing (i) an underlying price per share equal to the greater of (1) the highest Closing Sale Price of the Common Stock during the period beginning on the Trading Day immediately preceding the earliest to occur of (x) the public disclosure of the applicable Fundamental Transaction, (y) the consummation of the applicable Fundamental Transaction and (z) the date on which the Holder first became aware of the applicable Fundamental Transaction and ending on the Trading Day of the Holder’s request pursuant to Section 4(c) and (2) the sum of the price per share being offered in cash in the applicable Fundamental Transaction (if any) plus the value of the non-cash consideration being offered in the applicable Fundamental Transaction (if any), (ii) a strike price equal to the Exercise Price in effect on the date of the Holder’s request pursuant to Section 4(c), (iii) a risk-free interest rate corresponding to the U.S. Treasury rate for a period equal to the greater of (1) the remaining term of this Warrant as of the date of the Holder’s request pursuant to Section 4(c) and (2) the remaining term of this Warrant as of the date of consummation of the applicable Fundamental Transaction and (iv) an expected volatility equal to the greater of 135% and the 100 day volatility obtained from the HVT function on Bloomberg (determined utilizing a 365 day annualization factor) as of the Trading Day immediately following the earliest to occur of (x) the public disclosure of the applicable Fundamental Transaction, (y) the consummation of the applicable Fundamental Transaction and (z) the date on which the Holder first became aware of the applicable Fundamental Transaction.

(d) **“Bloomberg”** means Bloomberg, L.P.

(e) **“Business Day”** means any day other than Saturday, Sunday or other day on which commercial banks in The City of New York are authorized or required by law to remain closed.

(f) **“Closing Bid Price”** and **“Closing Sale Price”** means, for any security as of any date, the last closing bid price and the last closing trade price, respectively, for such security on the Principal Market, as reported by Bloomberg, or, if the Principal Market begins to operate on an extended hours basis and does not designate the closing bid price or the closing trade price (as the case may be) then the last bid price or last trade price, respectively, of such security prior to 4:00:00 p.m., New York time, as reported by Bloomberg, or, if the Principal Market is not the principal securities exchange or trading market for such security, the last closing bid price or last trade price, respectively, of such security on the principal securities exchange or trading market where such security is listed or traded as reported by Bloomberg, or if the foregoing do not apply, the average of the bid prices, or the ask prices, respectively, of all of the market makers for such security as reported in the “pink sheets” by OTC Markets Group, Inc. If the Closing Bid Price or the Closing Sale Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Closing Bid Price or the Closing Sale Price (as the case may be) of such security on such date shall be the fair market value as mutually determined by the Company and the Required Holders. If the Company and the Required Holders are unable to agree upon the fair market value of such security, then such dispute shall be resolved in accordance with the procedures in Section 13. All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination or other similar transaction during such period.

(g) “**Common Stock**” means (i) the Company’s shares of common stock, \$0.01 par value per share, and (ii) any capital stock into which such common stock shall have been changed or any share capital resulting from a reclassification of such common stock.

(h) “**Convertible Securities**” means any stock, note, debenture or other security (other than Options) that is, or may become, at any time and under any circumstances, directly or indirectly, convertible into, exercisable or exchangeable for, or which otherwise entitles the holder thereof to acquire, any shares of Common Stock.

(i) “**Eligible Market**” means the NYSE MKT, the New York Stock Exchange, the Nasdaq Global Select Market, the Nasdaq Global Market, the Principal Market, the OTCBB, the OTCQX or the OTCQB (or any successor to any of the foregoing).

(j) “**Equity Conditions**” means: (i) the Company shall have complied in all material respects with all applicable securities laws and regulations and all rules and regulations of the Eligible Markets in respect of the offer, sale and issuance of the Securities, (ii) the Common Stock (including all shares of Common Stock to be received by Holder) shall be listed or designated for quotation (as applicable) on an Eligible Market and no Trading Market Event (or event which with notice or passage of time would be a Trading Market Event) has occurred, nor shall delisting or suspension by any Eligible Market be pending or threatened, unless upon the occurrence of such Trading Market Event, delisting or suspension, the Common Stock would be eligible for listing or for quotation (as applicable) on another Eligible Market, (iii) the Company shall be in compliance in all material respects with all of its obligations under this Warrant, (iv) each of the Registration Statement (as defined in the Underwriting Agreement) and the prospectus contained therein shall be effective and fully available for use with respect to the issuance of all of the Securities, including, without limitation, any Warrant Shares issued pursuant to a cash exercise hereof, (v) all Warrant Shares (including any Warrant Shares to be received upon exercise or exchange of this Warrant and including any Warrant Shares to be issued in a cash exercise, but taking into account the limitations of Section 1(f)) shall be then (or upon such issuance (as the case may be)) freely tradable by the Holder without restriction of any kind or nature (and the Company shall have no knowledge of any fact which would reasonably be expected to negate the foregoing in the foreseeable future), (vi) no limitation shall be applicable with respect to the issuance of any Warrant Shares hereunder (other than under Section 1(f)), and (vii) the Company is fully reporting under the 1934 Act and Rule 144 (as defined in the Underwriting Agreement). For purposes hereof, a “**Trading Market Event**” shall mean if the Company or the Common Stock or any shares of Common Stock issued or issuable hereunder shall cease or fail to be listed for trading or quoted on any Eligible Market or shall fall below any dollar threshold for listing or qualification or the Company shall then not be in compliance with any applicable listing or qualification standard (or will be with the passage of time).

(k) “**Equity Conditions Failure**” means that on any applicable date of determination, any of the Equity Conditions have not been satisfied.

(l) “**Expiration Date**” means the date that is the fifth (5th) anniversary of the Issuance Date or, if such date falls on a day other than a Business Day or on which trading does not take place on the Principal Market (a “**Holiday**”), the next date that is not a Holiday.

(m) “**Fundamental Transaction**” means that (i) the Company or any of its Subsidiaries shall, directly or indirectly, in one or more related transactions, (1) consolidate or merge with or into (whether or not the Company or any of its Subsidiaries is the surviving corporation) any other Person unless the shareholders of the Company immediately prior to such consolidation or merger continue to hold more than 50% of the outstanding shares of Voting Stock after such consolidation or merger, or (2) sell, lease, license, assign, transfer, convey or otherwise dispose of all or substantially all of its respective properties or assets to any other Person, or (3) allow any other Person to make a purchase, tender or exchange offer that is accepted by the holders of more than 50% of the outstanding shares of Voting Stock of the Company (not including any shares of Voting Stock of the Company held by the Person or Persons making or party to, or associated or affiliated with the Persons making or party to, such purchase, tender or exchange offer), or (4) consummate a stock or share purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with any other Person whereby such other Person acquires more than 50% of the outstanding shares of Voting Stock of the Company (not including any shares of Voting Stock of the Company held by the other Person or other Persons making or party to, or associated or affiliated with the other Persons making or party to, such stock or share purchase agreement or other business combination), or (ii) any “person” or “group” (as these terms are used for purposes of Sections 13(d) and 14(d) of the 1934 Act and the rules and regulations promulgated thereunder) is or shall become the “beneficial owner” (as defined in Rule 13d-3 under the 1934 Act), directly or indirectly, of 50% of the aggregate ordinary voting power represented by issued and outstanding Voting Stock of the Company.

(n) “**Options**” means any rights, warrants or options to subscribe for or purchase shares of Common Stock or Convertible Securities.

(o) “**Parent Entity**” of a Person means an entity that, directly or indirectly, controls the applicable Person and whose common stock or equivalent equity security is quoted or listed on an Eligible Market, or, if there is more than one such Person or Parent Entity, the Person or Parent Entity with the largest public market capitalization as of the date of consummation of the Fundamental Transaction.

(p) “**Person**” means an individual, a limited liability company, a partnership, a joint venture, a corporation, a trust, an unincorporated organization, any other entity or a government or any department or agency thereof.

(q) “**Principal Market**” means the Nasdaq Capital Market.

(r) “**Required Holders**” means, collectively, as of a particular time of determination, (as applicable) holders of Purchased Warrants then exercisable for an aggregate number of shares of Common Stock equal to at least 66.7% of the number of shares of Common Stock issuable upon exercise of all Purchased Warrants outstanding as of such time of determination (disregarding all limitations on exercise set forth in the Purchased Warrants).

(s) “**Successor Entity**” means the Person (or, if so elected by the Holder, the Parent Entity) formed by, resulting from or surviving any Fundamental Transaction or the Person (or, if so elected by the Holder, the Parent Entity) with which such Fundamental Transaction shall have been entered into.

(t) “**Trading Day**” means, as applicable, (x) with respect to all price determinations relating to the Common Stock, any day on which the Common Stock is traded on the Principal Market, or, if the Principal Market is not the principal trading market for the Common Stock, then on the principal securities exchange or securities market on which the Common Stock is then traded, provided that “Trading Day” shall not include any day on which the Common Stock is scheduled to trade on such exchange or market for less than 4.5 hours or any day that the Common Stock is suspended from trading during the final hour of trading on such exchange or market (or if such exchange or market does not designate in advance the closing time of trading on such exchange or market, then during the hour ending at 4:00:00 p.m., New York time) unless such day is otherwise designated as a Trading Day in writing by the Holder or (y) with respect to all determinations other than price determinations relating to the Common Stock, any day on which The New York Stock Exchange (or any successor thereto) is open for trading of securities.

(u) “**Voting Stock**” of a Person means capital stock of such Person of the class or classes pursuant to which the holders thereof have the general voting power to elect, or the general power to appoint, at least a majority of the board of directors, managers or trustees of such Person (irrespective of whether or not at the time capital stock of any other class or classes shall have or might have voting power by reason of the happening of any contingency).

[signature page follows]

IN WITNESS WHEREOF, the Company has caused this Warrant to Purchase Common Stock to be duly executed as of the Issuance Date set out above.

AMEDICA CORPORATION

By: _____
Name:
Title:

[Signature Page to Warrant to Purchase Common Stock]

WIRE INSTRUCTIONS FOR CASH EXERCISE

JP MORGAN CHASE BANK

ABA # 021 000 021

ACCT # 530-354616

ACCT NAME: AMERICAN STOCK TRANSFER & TRUST CO
AS AGENT FOR AMEDICA CORPORATION

EXERCISE NOTICE

TO BE EXECUTED BY THE REGISTERED HOLDER TO EXERCISE THIS
WARRANT TO PURCHASE COMMON STOCK

AMEDICA CORPORATION

The undersigned holder hereby exercises the right to purchase _____ of the shares of Common Stock (“**Warrant Shares**”) of Amedica Corporation, a company incorporated under the laws of the Delaware (the “**Company**”), evidenced by Warrant to Purchase Common Stock No. _____ (the “**Warrant**”). Capitalized terms used herein and not otherwise defined shall have the respective meanings set forth in the Warrant.

1. Form of Exercise Price. The Holder intends that payment of the Exercise Price shall be made as:

_____ a “Cash Exercise” with respect to _____ Warrant Shares; and/or
_____ a “Cashless Exercise” with respect to _____ Warrant Shares.

In the event of a “Cash Exercise”, this Exercise Notice and the Aggregate Exercise Price shall be delivered to the Warrant Agent. In the event of a “Cashless Exercise”, this Exercise Notice shall be delivered to the Company.

In the event that the Holder has elected a Cashless Exercise with respect to some or all of the Warrant Shares, the Holder represents and warrants that the Exchange Amount is \$ _____ and, if the Company is permitted to elect to issue shares of Common Stock, _____ shares of Common Stock are to be delivered to Holder as the Net Number pursuant to such Cashless Exercise, as further specified in Annex A to this Exercise Notice.

2. Payment of Exercise Price. In the event that the Holder has elected a Cash Exercise with respect to some or all of the Warrant Shares, the Holder shall pay the Aggregate Exercise Price in the sum of \$ _____ to the Warrant Agent in accordance with the terms of the Warrant.

3. Delivery of Warrant Shares and Net Number of shares of Common Stock. The Company shall cause the Warrant Agent to deliver to Holder, or its designee or agent as specified below, _____ shares of Common Stock in respect of the exercise contemplated hereby. Delivery shall be made to Holder, or for its benefit, to the following address:

Date: _____ , _____

Name of Registered Holder _____

By: _____
Name: _____
Title: _____

Account Number: _____
(if electronic book entry transfer)

Transaction Code Number: _____
(if electronic book entry transfer)

CASHLESS EXERCISE EXCHANGE CALCULATION

**TO BE FILLED IN BY THE REGISTERED HOLDER TO EXCHANGE THIS
WARRANT TO PURCHASE COMMON STOCK FOR COMMON STOCK IN A
CASHLESS EXERCISE PURSUANT TO SECTION 1(d) OF THE WARRANT**

Capitalized terms used herein and not otherwise defined shall have the respective meanings set forth in the Warrant.

Net Number = $(A \times B) / C =$ _____ shares of Common Stock

For purposes of the foregoing formula:

A= the total number of shares with respect to which this Warrant is then being exercised = _____ .

B= Black Scholes Value = _____ .

C= the Closing Bid Price of the Common Stock as of two (2) Trading Days prior to the time of such exercise = _____ .

Date: _____ ,

Name of Registered Holder

By: _____
Name:
Title:

ACKNOWLEDGMENT

The Company hereby acknowledges this Exercise Notice and hereby directs American Stock Transfer & Trust Company, LLC to issue the above indicated number of shares of Common Stock.

AMEDICA CORPORATION

By: _____
Name:
Title:

THE REGISTERED HOLDER OF THIS UNIT PURCHASE OPTION BY ITS ACCEPTANCE HEREOF, AGREES THAT IT WILL NOT SELL, TRANSFER OR ASSIGN THIS UNIT PURCHASE OPTION EXCEPT AS HEREIN PROVIDED AND THE REGISTERED HOLDER OF THIS UNIT PURCHASE OPTION AGREES THAT IT WILL NOT SELL, TRANSFER, ASSIGN, PLEDGE OR HYPOTHECATE, OR BE THE SUBJECT OF ANY HEDGING, SHORT SALE, DERIVATIVE, PUT, OR CALL TRANSACTION THAT WOULD RESULT IN THE EFFECTIVE ECONOMIC DISPOSITION OF THIS UNIT PURCHASE OPTION, FOR A PERIOD OF ONE HUNDRED EIGHTY (180) DAYS FOLLOWING THE EFFECTIVE DATE (DEFINED BELOW) TO ANYONE OTHER THAN (I) DAWSON JAMES SECURITIES, INC. OR AN UNDERWRITER OR A SELECTED DEALER IN CONNECTION WITH THE OFFERING (DEFINED BELOW), OR (II) A BONA FIDE OFFICER OR PARTNER OF DAWSON JAMES SECURITIES, INC. OR OF ANY SUCH UNDERWRITER OR SELECTED DEALER.

UNIT PURCHASE OPTION
FOR THE PURCHASE OF [] UNITS¹
OF AMEDICA CORPORATION

1. Unit Purchase Option.

THIS CERTIFIES THAT, in consideration of \$100 duly paid by or on behalf of Dawson James Securities, Inc. (“Dawson” or “Holder”), as registered owner of this Unit Purchase Option, to Amedica Corporation (the “Company”), Holder is entitled, at any time or from time to time commencing on the 180th day after the effective date (the “Effective Date”) of the registration statement (the “Registration Statement”) pursuant to which certain units are offered for sale to the public (the “Offering”) (the “Commencement Date”), and at or before 5:00 p.m., Eastern Time, on the fifth anniversary of the Effective Date (the “Expiration Date”), but not thereafter, to subscribe for, purchase and receive, in whole or in part, up to [] units² (the “Units”) of the Company, each Unit consisting of one share of Company common stock, par value \$0.01 per share (the “Shares”), and a warrant to purchase [] Shares (the “Warrant(s)”). Each Warrant is the same as the warrants included in the Units being registered for sale to the public (the “Public Warrants”) under the Securities Act of 1933, as amended (the “Act”). If the Expiration Date is a day on which banking institutions are authorized by law to close, then this Unit Purchase Option may be exercised on the next succeeding day which is not such a day in accordance with the terms herein. During the period ending on the Expiration Date, the Company agrees not to take any action that would terminate the Unit Purchase Option. This Unit Purchase Option is initially exercisable at \$[] per Unit (or 125% of the public offering price of the Units being sold in the Offering) so purchased; provided, however, that upon the occurrence of any of the events specified in Section 5 hereof, the rights granted by this Unit Purchase Option, including the exercise price per Unit and the number of Units (and Shares and Warrants) to be received upon such exercise, shall be adjusted as therein specified. The term “Exercise Price” shall mean the initial exercise price or the adjusted exercise price, depending on the context.

2. Exercise.

(a) *Exercise Procedure.* In order to exercise this Unit Purchase Option, the exercise form attached hereto must be duly executed and completed and delivered to the Company, together with this Unit Purchase Option and payment of the Exercise Price for the Units being purchased payable in cash or by certified check or official bank check. If the subscription rights represented hereby shall not be exercised at or before 5:00 p.m., Eastern time, on the Expiration Date, this Unit Purchase Option shall become and be void without further force or effect, and all rights represented hereby shall cease and expire.

(b) *Legend.* If required by applicable law at the time of any exercise, each certificate for the securities purchased under this Unit Purchase Option shall bear a legend as follows unless such securities have been registered under the Act:

“The securities represented by this certificate have not been registered under the Securities Act of 1933, as amended (the “Act”) or applicable state law. The securities may not be offered for sale, sold or otherwise transferred except pursuant to an effective registration statement under the Act, or pursuant to an exemption from registration under the Act and applicable state law.”

¹ [Insert 5% of Units sold in offering]

² [Insert 5% of Units sold in offering]

(c) *Cashless Exercise.*

(i) In lieu of the payment of the Exercise Price multiplied by the number of Units for which this Unit Purchase Option is exercisable (and in lieu of being entitled to receive Shares and Warrants) in the manner required by Section 2(a), the Holder shall have the right (but not the obligation) to convert any exercisable but unexercised portion of this Unit Purchase Option into Units consisting of Shares and Warrants (the “Conversion Right”) as follows: upon exercise of the Conversion Right, the Company shall deliver to the Holder (without payment by the Holder of any of the Exercise Price in cash) that number of Shares and Warrants comprising that number of Units equal to the quotient obtained by dividing (x) the “Value” (as defined below) of the portion of the Unit Purchase Option being converted by (y) the Current Market Value (as defined below). The “Value” of the portion of the Unit Purchase Option being converted shall equal the remainder derived from subtracting (a) (i) the Exercise Price multiplied by (ii) the number of Units underlying the portion of this Unit Purchase Option being converted from (b) the Current Market Value of a Unit multiplied by the number of Units underlying the portion of the Unit Purchase Option being converted. As used herein, the term “Current Market Value” per Unit at any date means the remainder derived from subtracting (x) the exercise price of the Warrants multiplied by the number of shares of Shares issuable upon exercise of the Warrants underlying one Unit from (y) the Current Market Price of the Shares multiplied by the number of shares of Shares underlying the Warrants and the Shares underlying one Unit. The “Current Market Price” of a Share shall mean (i) if the Shares are listed on a national securities exchange or quoted the OTC Bulletin Board (or any successor exchange or entity), the closing or last sale price of the Shares in the principal trading market for the Shares as reported by the exchange or the OTC Bulletin Board, as the case may be; (ii) if the Shares are not listed on a national securities exchange or quoted on the OTC Bulletin Board, but is traded in the residual over-the-counter market, the closing bid price for the Shares on the last trading day preceding the date in question for which such quotations are reported by the Pink Sheets, LLC or similar publisher of such quotations; and (iii) if the fair market value of the Shares cannot be determined pursuant to clause (i) or (ii) above, such price as the Board of Directors of the Company shall determine, in good faith.

(ii) The Cashless Exercise Right may be exercised by the Holder on any business day on or after the Commencement Date and not later than the Expiration Date by delivering the Unit Purchase Option with the duly executed exercise form attached hereto with the cashless exercise section completed to the Company, exercising the Cashless Exercise Right and specifying the total number of Units the Holder will purchase pursuant to such Cashless Exercise Right.

3. Transfer.

(a) *Restrictions—General.* The registered Holder of this Unit Purchase Option, by its acceptance hereof, agrees that it will not sell, transfer, assign, pledge or hypothecate, or be the subject of any hedging, short sale, derivative, put, or call transaction that would result in the effective economic disposition of, this Unit Purchase Option for a period of one hundred eighty (180) days following the Effective Date to anyone other than (i) Dawson or an underwriter or a selected dealer in connection with the Offering, or (ii) a bona fide officer or partner of Dawson or of any such underwriter or selected dealer. In order to make any permitted assignment, the Holder must deliver to the Company the assignment form attached hereto duly executed and completed, together with the Unit Purchase Option and payment of all transfer taxes, if any, payable in connection therewith. The Company shall within three business days transfer this Unit Purchase Option on the books of the Company and shall execute and deliver a new Unit Purchase Option or Unit Purchase Options of like tenor to the appropriate assignee(s) expressly evidencing the right to purchase the aggregate number of Units purchasable hereunder or such portion of such number as shall be contemplated by any such assignment.

(b) *Restrictions—Securities.* The securities evidenced by this Unit Purchase Option shall not be transferred unless and until (i) the Company has received the opinion of counsel for the Company (at the Company’s expense) that the securities may be transferred pursuant to an exemption from registration under the Act and applicable state securities laws, the availability of which is established to the reasonable satisfaction of the Company, or (ii) a registration statement or a post-effective amendment to the Registration Statement relating to such securities has been filed by the Company and declared effective by the Securities and Exchange Commission (the “Commission”) and compliance with applicable state securities law has been established.

4. New Purchase Options to be Issued.

(a) *Partial Exercise.* Subject to the restrictions in Section 3 hereof, this Unit Purchase Option may be exercised or assigned in whole or in part. In the event of the exercise or assignment hereof in part only, upon surrender of this Unit Purchase Option for cancellation, together with the duly executed exercise or assignment form and funds sufficient to pay any Exercise Price, the Company shall cause to be delivered to the Holder without charge a new Unit Purchase Option of like tenor to this Unit Purchase Option in the name of the Holder evidencing the right of the Holder to purchase the number of Units purchasable hereunder as to which this Unit Purchase Option has not been exercised or assigned.

(b) *Loss, Theft, Destruction*. Upon receipt by the Company of evidence satisfactory to it of the loss, theft, destruction or mutilation of this Unit Purchase Option and of reasonably satisfactory indemnification or the posting of a bond, the Company shall execute and deliver a new Unit Purchase Option of like tenor and date. Any such new Unit Purchase Option executed and delivered as a result of such loss, theft, mutilation or destruction shall constitute a substitute contractual obligation on the part of the Company.

5. Adjustments.

(a) *Exercise Price and Number of Securities*. The Exercise Price and the number of Units underlying the Unit Purchase Option shall be subject to adjustment from time to time as hereinafter set forth:

(i) If after the date hereof, and subject to the provisions of Section 5(c) below, the number of outstanding Shares is increased by a stock dividend payable in Shares or by a split-up of Shares or other similar event, then, on the effective date thereof, the number of Shares underlying each of the Units purchasable hereunder shall be increased in proportion to such increase in outstanding shares. In such case, the number of Shares, and the exercise price applicable thereto, underlying the Warrants underlying each of the Units purchasable hereunder shall be adjusted in accordance with the terms of the Warrants. For example, if the Company declares a two-for-one stock dividend and immediately prior to such dividend this Unit Purchase Option is for the purchase of one Unit at \$10.00 per whole Unit (with each Warrant underlying the Units being exercisable for \$12.00 per share), upon effectiveness of the dividend, this Unit Purchase Option will be adjusted to allow for the purchase of one Unit at \$10.00 per Unit, each Unit entitling the holder to receive two Shares and two Warrants (each Warrant exercisable for \$6.00 per share).

(ii) If after the date hereof, and subject to the provisions of Section 5(c), the number of outstanding Shares is decreased by a consolidation, combination or reclassification of the Shares or other similar event, then, on the effective date thereof, the number of Shares underlying each of the Units purchasable hereunder shall be decreased in proportion to such decrease in outstanding shares. In such case, the number of Shares, and the exercise price applicable thereto, issuable upon exercise of the Warrants included in each of the Units purchasable hereunder shall be adjusted in accordance with the terms of the Warrants. For example, if the Company effects a one-for-two stock reverse stock split and immediately prior to such stock split this Unit Purchase Option is for the purchase of one Unit at \$10.00 per whole Unit (with each Warrant underlying the Units being exercisable for \$12.00 per share), upon effectiveness of the stock split, this Unit Purchase Option will be adjusted to allow for the purchase of one Unit at \$10.00 per Unit, each Unit entitling the holder to receive 0.5 Shares and 0.5 Warrants (each Warrant exercisable for \$24.00 per share).

(iii) In case of any reclassification or reorganization of the outstanding Shares other than a change covered by Section 5(a)(i) or 5(a)(ii) hereof or that solely affects the par value of such Shares, or in the case of any merger or consolidation of the Company with or into another corporation (other than a consolidation or merger in which the Company is the continuing corporation and that does not result in any reclassification or reorganization of the outstanding Shares), or in the case of any sale or conveyance to another corporation or entity of the property of the Company as an entirety or substantially as an entirety in connection with which the Company is dissolved, the Holder of this Unit Purchase Option shall have the right thereafter (until the expiration of the right of exercise of this Unit Purchase Option) to receive upon the exercise hereof, for the same aggregate Exercise Price payable hereunder immediately prior to such event plus the aggregate exercise price of the Shares underlying the Warrants immediately prior to such event, the kind and amount of shares of stock or other securities or property (including cash) receivable upon such reclassification, reorganization, merger or consolidation, or upon a dissolution following any such sale or transfer, by a Holder of the number of Shares of the Company obtainable upon exercise of this Unit Purchase Option and the underlying Warrants immediately prior to such event; and if any reclassification also results in a change in Shares covered by Section 5(a)(i) or 5(a)(ii), then such adjustment shall be made pursuant to Sections 5(a)(i) or 5(a)(ii) and this Section 5(a)(iii). The provisions of this Section 5(a)(iii) shall similarly apply to successive reclassifications, reorganizations, mergers or consolidations, sales or other transfers.

(iv) This form of Unit Purchase Option need not be changed because of any change pursuant to this Section 5, and Unit Purchase Options issued after such change may state the same Exercise Price and the same number of Units as are stated in the Unit Purchase Options initially issued pursuant to this Agreement. The acceptance by any Holder of the issuance of new Unit Purchase Options reflecting a required or permissive change shall not be deemed to waive any rights to an adjustment occurring after the Commencement Date or the computation thereof.

(b) *Substitute Unit Purchase Option.* In case of any consolidation of the Company with, or merger of the Company with, or merger of the Company into, another corporation (other than a consolidation or merger which does not result in any reclassification or change of the outstanding Shares), the corporation formed by such consolidation or merger shall execute and deliver to the Holder a supplemental Unit Purchase Option providing that the holder of each Unit Purchase Option then outstanding or to be outstanding shall have the right thereafter (until the stated expiration of such Unit Purchase Option) to receive, upon exercise of such Unit Purchase Option, the kind and amount of shares of stock and other securities and property receivable upon such consolidation or merger, by a holder of the number of Shares of the Company for which such Unit Purchase Option might have been exercised immediately prior to such consolidation, merger, sale or transfer. Such supplemental Unit Purchase Option shall provide for adjustments which shall be identical to the adjustments provided in this Section 5. The above provision of this Section 5 shall similarly apply to successive consolidations or mergers.

(c) *Fractional Interests.* The Company shall not be required to issue certificates representing fractions of Shares or Warrants upon the exercise of the Unit Purchase Option, nor shall it be required to issue scrip or pay cash in lieu of any fractional interests, it being the intent of the parties that all fractional interests shall be eliminated by rounding any fraction up to the nearest whole number of Warrants, Shares or other securities, properties or rights.

6. Reservation and Listing. The Company shall at all times reserve and keep available out of its authorized Shares, solely for the purpose of issuance upon exercise of the Unit Purchase Option or the Warrants underlying the Unit Purchase Option, such number of Shares or other securities, properties or rights as shall be issuable upon the exercise thereof. The Company covenants and agrees that, upon exercise of the Unit Purchase Option and payment of the Exercise Price therefor, all Shares and other securities issuable upon such exercise shall be duly and validly issued, fully paid and non-assessable and not subject to preemptive rights of any stockholder. The Company further covenants and agrees that upon exercise of the Warrants underlying the Unit Purchase Option and payment of the respective Warrant exercise price therefor, all Shares and other securities issuable upon such exercise shall be duly and validly issued, fully paid and non-assessable and not subject to preemptive rights of any stockholder. As long as the Unit Purchase Option shall be outstanding, the Company shall use its best efforts to cause all (i) Units and Shares issuable upon exercise of the Unit Purchase Option, (iii) Warrants issuable upon exercise of the Unit Purchase Option and (iv) Shares issuable upon exercise of the Warrants included in the Units issuable upon exercise of the Unit Purchase Option to be listed (subject to official notice of issuance) on all securities exchanges (or, if applicable on the OTC Bulletin Board or any successor trading market) on which the Shares issued to the public in connection with the Offering may then be listed and/or quoted.

7. Certain Notice Requirements.

(a) *Right to Notice.* Nothing herein shall be construed as conferring upon the Holders the right to vote or consent as a stockholder for the election of directors or any other matter, or as having any rights whatsoever as a stockholder of the Company. If, however, at any time prior to the expiration of the Unit Purchase Option and their exercise, any of the events described in Section 7(b) shall occur, then, in one or more of said events, the Company shall give written notice of such event at least fifteen days prior to the date fixed as a record date or the date of closing the transfer books for the determination of the stockholders entitled to such dividend, distribution, conversion or exchange of securities or subscription rights, or entitled to vote on such proposed dissolution, liquidation, winding up or sale. Such notice shall specify such record date or the date of the closing of the transfer books, as the case may be. Notwithstanding the foregoing, the Company shall deliver to each Holder a copy of each notice given to the other stockholders of the Company at the same time and in the same manner that such notice is given to all stockholders, even if less than fifteen days.

(b) *Enumerated Events.* The Company shall be required to give the notice described in this Section 7 upon one or more of the following events: (i) if the Company shall take a record of the holders of its Shares for the purpose of entitling them to receive a dividend or distribution payable otherwise than in cash, or a cash dividend or distribution payable otherwise than out of retained earnings, as indicated by the accounting treatment of such dividend or distribution on the books of the Company, or (ii) the Company shall offer to all the holders of its Shares any additional shares of capital stock of the Company or securities convertible into or exchangeable for shares of capital stock of the Company, or any option, right or warrant to subscribe therefor, or (iii) a dissolution, liquidation or winding up of the Company (other than in connection with a consolidation or merger) or a sale of all or substantially all of its property, assets and business shall be proposed.

(c) *Change in Exercise Price.* The Company shall, promptly after an event requiring a change in the Exercise Price pursuant to Section 5 hereof, send notice to the Holders of such event and change (the "Price Notice"). The Price Notice shall describe the event causing the change and the method of calculating same and shall be certified as being true and accurate by the Company's President and Chief Financial Officer.

(d) *Notice Delivery.* All notices, requests, consents and other communications under this Unit Purchase Option shall be in writing and shall be deemed to have been duly made when hand delivered, or mailed by express mail or private courier service: (i) If to the registered Holder of the Unit Purchase Option, to the address of such Holder as shown on the books of the Company, or (ii) If to the Company, to the following address or to such other address as the Company may designate by notice to the Holders:

Amedica Corporation
1885 West 2100 South
Salt Lake City, UT 84119
Attn: Chief Executive Officer

8. Registration Rights.

(a) Demand Registration.

(i) Grant of Right. The Company, upon written demand (a "Demand Notice") of the Holder(s) of at least 51% of the Units ("Majority Holders"), agrees to register, on one occasion, all or any portion of the Shares, Warrants, and Shares underlying the Warrants (collectively, the "Registrable Securities"). On such occasion, the Company will file a registration statement with the Commission covering the Registrable Securities within sixty (60) days after receipt of a Demand Notice and use commercially reasonable efforts to have the registration statement declared effective promptly thereafter, subject to compliance with review by the Commission; provided, however, that the Company shall not be required to comply with a Demand Notice if the Company has filed a registration statement with respect to which the Holder is entitled to piggyback registration rights pursuant to Section 8(a) hereof and either: (i) the Holder has elected to participate in the offering covered by such registration statement or (ii) if such registration statement relates to an underwritten primary offering of securities of the Company, until the offering covered by such registration statement has been withdrawn or until thirty (30) days after such offering is consummated. The demand for registration may be made at any time during a period of five (5) years beginning on the Effective Date. The Company covenants and agrees to give written notice of its receipt of any Demand Notice by any Holder(s) to all other registered Holders of the Unit Purchase Option and/or the Registrable Securities within ten (10) days after the date of the receipt of any such Demand Notice. Notwithstanding the foregoing, unless the offering contemplated under the registration statement pursuant to this Section 8(a)(i) is an underwritten public offering, if there is already an effective registration statement (including the Registration Statement) covering the issuance of the Registrable Securities, the Company shall not be required to comply with the terms of this Section 8(a)(i).

(ii) Terms. The Company shall bear all fees and expenses attendant to the registration of the Registrable Securities pursuant to Section 8(a), but the Holders shall pay any and all underwriting commissions and the expenses of any legal counsel selected by the Holders to represent them in connection with the sale of the Registrable Securities. The Company agrees to use commercially reasonable efforts to cause the filing required herein to become effective promptly and to qualify or register the Registrable Securities in such states as are reasonably requested by the Holder(s); provided, however, that in no event shall the Company be required to register the Registrable Securities in a state in which such registration would cause the Company to be obligated to register or license to do business in such state or submit to general service of process in such state. The Company shall cause any registration statement filed pursuant to the demand right granted under Section 8(a) to remain effective for a period of at least twelve (12) consecutive months after the date that the Holders of the Registrable Securities covered by such registration statement are first given the opportunity to sell all of such securities. The Holders shall only use the prospectuses provided by the Company to sell the shares covered by such registration statement, and will immediately cease to use any prospectus furnished by the Company if the Company advises the Holder that such prospectus may no longer be used due to a material misstatement or omission. Notwithstanding the provisions of this Section 8(a), the Holder shall be entitled to a demand registration under Section 8(a) on only one (1) occasion and such demand registration right shall terminate on the fifth anniversary of the Effective Date in accordance with FINRA Rule 5110(f)(2)(G)(iv).

(b) "Piggy-Back" Registration.

(i) Grant of Right. In addition to the demand right of registration described in Section 8(a) hereof, the Holder shall have the right to include the Registrable Securities as part of any other registration of securities filed by the Company (other than in connection with a transaction contemplated by Rule 145(a) promulgated under the Securities Act or pursuant to Form S-8 or any equivalent form); provided, however, that if, solely in connection with any primary underwritten public offering for the account of the Company, the managing underwriter(s) thereof shall, in its reasonable discretion, impose a limitation on the number of shares of common stock which may be included in the Registration Statement because, in such underwriter(s)' judgment, marketing or other

factors dictate such limitation is necessary to facilitate public distribution, then the Company shall be obligated to include in such Registration Statement only such limited portion of the Registrable Securities with respect to which the Holder requested inclusion hereunder as the underwriter shall reasonably permit. Any exclusion of Registrable Securities shall be made pro rata among the Holders seeking to include Registrable Securities in proportion to the number of Registrable Securities sought to be included by such Holders; provided, however, that the Company shall not exclude any Registrable Securities unless the Company has first excluded all outstanding securities, the holders of which are not entitled to inclusion of such securities in such Registration Statement or are not entitled to pro rata inclusion with the Registrable Securities.

(ii) Terms. The Company shall bear all fees and expenses attendant to registering the Registrable Securities pursuant to Section 8(b) hereof, but the Holders shall pay any and all underwriting commissions and the expenses of any legal counsel selected by the Holders to represent them in connection with the sale of the Registrable Securities. In the event of such a proposed registration, the Company shall furnish the then Holders of outstanding Registrable Securities with not less than thirty (30) days written notice prior to the proposed date of filing of such registration statement. Such notice to the Holders shall continue to be given for each registration statement filed by the Company until such time as all of the Registrable Securities have been sold by the Holder. The holders of the Registrable Securities shall exercise the “piggy-back” rights provided for herein by giving written notice within ten (10) days of the receipt of the Company’s notice of its intention to file a registration statement. Except as otherwise provided in this Unit Purchase Option, there shall be no limit on the number of times the Holder may request registration under this Section 8(b); provided, however, that such “piggy-back” registration rights shall terminate on the seventh anniversary of the Effective Date in accordance with FINRA Rule 5110(f)(2)(G)(v).

(c) *General Terms*.

(i) Indemnification. The Company shall indemnify the Holder(s) of the Registrable Securities to be sold pursuant to any registration statement hereunder and each person, if any, who controls such Holders within the meaning of Section 15 of the Securities Act or Section 20(a) of the Securities Exchange Act of 1934, as amended (“Exchange Act”), against all loss, claim, damage, expense or liability (including all reasonable attorneys’ fees and other expenses reasonably incurred in investigating, preparing or defending against any claim whatsoever) to which any of them may become subject under the Securities Act, the Exchange Act or otherwise, arising from such registration statement but only to the same extent and with the same effect as the provisions pursuant to which the Company has agreed to indemnify the Underwriters under the Underwriting Agreement between Dawson (as Representative of the several Underwriters named on Schedule 1 attached thereto) and the Company, dated as of [], 2014 (the “Underwriting Agreement”). The Holder(s) of the Registrable Securities to be sold pursuant to such registration statement, and their successors and assigns, shall severally, and not jointly, indemnify the Company, its directors, its officers who signed the registration statement and persons who control the Company within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act against all loss, claim, damage, expense or liability (including all reasonable attorneys’ fees and other expenses reasonably incurred in investigating, preparing or defending against any claim whatsoever) to which they may become subject under the Securities Act, the Exchange Act or otherwise, arising from information furnished by or on behalf of such Holders, or their successors or assigns, in writing, for specific inclusion in such registration statement to the same extent and with the same effect as the provisions contained in the Underwriting Agreement pursuant to which the Underwriters have agreed to indemnify the Company and such persons.

(ii) Exercise of Unit Purchase Option. Nothing contained in this Unit Purchase Option shall be construed as requiring the Holder(s) to exercise their Unit Purchase Option prior to or after the initial filing of any registration statement or the effectiveness thereof.

(iii) Documents Delivered by Company. The Company shall furnish to each underwriter participating in any of the foregoing underwritten offerings, if any, a signed counterpart, addressed to such underwriter, of: (i) an opinion of counsel to the Company, dated the effective date of such registration statement (and, if such registration includes an underwritten public offering, an opinion dated the date of the closing under any underwriting agreement related thereto), and (ii) a “cold comfort” letter dated the effective date of such registration statement (and, if such registration includes an underwritten public offering, a letter dated the date of the closing under the underwriting agreement) signed by the independent registered public accounting firm which has issued a report on the Company’s financial statements included in such registration statement, in each case covering substantially the same matters with respect to such registration statement (and the prospectus included therein) and, in the case of such accountants’ letter, with respect to events subsequent to the date of such financial statements, as are customarily covered in opinions of issuer’s counsel and in accountants’ letters delivered to underwriters in underwritten public offerings of securities. The Company shall also deliver promptly to each Holder participating in the offering requesting the correspondence and memoranda described below and to the managing underwriter, if any, copies of all correspondence between the Commission and the Company, its counsel or auditors and all

memoranda relating to discussions with the Commission or its staff with respect to the registration statement and permit each Holder and underwriter to do such investigation, upon reasonable advance notice, with respect to information contained in or omitted from the registration statement as it deems reasonably necessary to comply with applicable securities laws or rules of FINRA. Such investigation shall include access to books, records and properties and opportunities to discuss the business of the Company with its officers and independent auditors, all to such reasonable extent and at such reasonable times as any such Holder shall reasonably request.

(iv) Underwriting Agreement. The Company shall enter into an underwriting agreement with the managing underwriter(s), if any, selected by any Holders whose Registrable Securities are being registered pursuant to this Section 8, which managing underwriter(s) shall be reasonably satisfactory to the Company. Such agreement shall be reasonably satisfactory in form and substance to the Company, Dawson and such managing underwriter(s), and shall contain such representations, warranties and covenants by the Company and such other terms as are customarily contained in agreements of that type used by the managing underwriter(s). The Holders shall be parties to any underwriting agreement relating to an underwritten sale of their Registrable Securities and may, at their option, require that any or all the representations, warranties and covenants of the Company to or for the benefit of such underwriters shall also be made to and for the benefit of such Holders. Such Holders shall not be required to make any representations or warranties to or agreements with the Company or the underwriters except as they may relate to such Holders, their Shares and their intended methods of distribution.

(v) Documents to be Delivered by Holder(s). Each of the Holder(s) participating in any of the foregoing offerings shall furnish to the Company a completed and executed questionnaire provided by the Company requesting information customarily sought of selling security holders.

(vi) Damages. Should the registration or the effectiveness thereof required by Sections 8(a) and 8(b) hereof be delayed by the Company or the Company otherwise fails to comply with such provisions, the Holder(s) shall, in addition to any other legal or other relief available to the Holder(s), be entitled to obtain specific performance or other equitable (including injunctive) relief against the threatened breach of such provisions or the continuation of any such breach, without the necessity of proving actual damages and without the necessity of posting bond or other security.

9. Miscellaneous.

(a) Amendments. The Company and Dawson may from time to time supplement or amend this Unit Purchase Option without the approval of any of the Holders in order to cure any ambiguity, to correct or supplement any provision contained herein that may be defective or inconsistent with any other provisions herein, or to make any other provisions in regard to matters or questions arising hereunder that the Company and Dawson may deem necessary or desirable and that the Company and Dawson deem shall not adversely affect the interest of the Holders. All other modifications or amendments shall require the written consent of and be signed by the party against whom enforcement of the modification or amendment is sought.

(b) Headings. The headings contained herein are for the sole purpose of convenience of reference, and shall not in any way limit or affect the meaning or interpretation of any of the terms or provisions of this Unit Purchase Option.

(c) Entire Agreement. This Unit Purchase Option (together with the other agreements and documents being delivered pursuant to or in connection with this Unit Purchase Option) constitutes the entire agreement of the parties hereto with respect to the subject matter hereof, and supersedes all prior agreements and understandings of the parties, oral and written, with respect to the subject matter hereof.

(d) Binding Effect. This Unit Purchase Option shall inure solely to the benefit of, and shall be binding upon, the Holder and the Company and their permitted assignees, respective successors, legal representative and assigns, and no other person shall have or be construed to have any legal or equitable right, remedy or claim under or in respect of or by virtue of this Unit Purchase Option or any provisions herein contained.

(e) Governing Law. This Unit Purchase Option shall be governed by and construed and enforced in accordance with the laws of the State of New York, without giving effect to conflict of laws. The Company hereby agrees that any action, proceeding or claim against it arising out of, or relating in any way to this Unit Purchase Option shall be brought and enforced in the courts of the State of New York or of the United States of America for the Southern District of New York, and irrevocably submits to such jurisdiction, which jurisdiction shall be exclusive. The Company hereby waives any objection to such exclusive jurisdiction and that

such courts represent an inconvenient forum. Any process or summons to be served upon the Company may be served by transmitting a copy thereof by registered or certified mail, return receipt requested, postage prepaid, addressed to it at the address set forth in Section 7 hereof. Such mailing shall be deemed personal service and shall be legal and binding upon the Company in any action, proceeding or claim. The Company and the Holder agree that the prevailing party(ies) in any such action shall be entitled to recover from the other party(ies) all of its reasonable attorneys' fees and expenses relating to such action or proceeding and/or incurred in connection with the preparation therefor.

(f) *Waivers.* The failure of the Company or the Holder to at any time enforce any of the provisions of this Unit Purchase Option shall not be deemed or construed to be a waiver of any such provision, nor to in any way affect the validity of this Unit Purchase Option or any provision hereof or the right of the Company or any Holder to thereafter enforce each and every provision of this Unit Purchase Option. No waiver of any breach, non-compliance or non-fulfillment of any of the provisions of this Unit Purchase Option shall be effective unless set forth in a written instrument executed by the party or parties against whom or which enforcement of such waiver is sought; and no waiver of any such breach, non-compliance or non-fulfillment shall be construed or deemed to be a waiver of any other or subsequent breach, non-compliance or non-fulfillment.

(g) *Counterparts.* This Unit Purchase Option may be executed in one or more counterparts, and by the different parties hereto in separate counterparts, each of which shall be deemed to be an original, but all of which taken together shall constitute one and the same agreement, and shall become effective when one or more counterparts has been signed by each of the parties hereto and delivered to each of the other parties hereto.

(h) *Exchange Agreement.* As a condition of the Holder's receipt and acceptance of this Unit Purchase Option, Holder agrees that, at any time prior to the complete exercise of this Unit Purchase Option by Holder, if the Company and Dawson enter into an agreement (the "Exchange Agreement") pursuant to which they agree that all outstanding Unit Purchase Options will be exchanged for securities or cash or a combination of both, then Holder shall agree to such exchange and become a party to the Exchange Agreement.

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IN WITNESS WHEREOF, the Company has caused this Unit Purchase Option to be signed by its duly authorized officer as of the day of _____, 2014.

Amedica Corporation

By: _____

Name:

Title:

Form To Be Used To Exercise Unit Purchase Option

Amedica Corporation
1885 West 2100 South
Salt Lake City, UT, 84119
Attn: Chief Executive Officer

Date: _____, 201

The undersigned hereby elects irrevocably to exercise all or a portion of the within Unit Purchase Option and to purchase Units of Amedica Corporation and hereby makes payment of \$ _____ (at the rate of \$ _____ per Unit) in payment of the Exercise Price pursuant thereto. Please issue the Shares and Warrants as to which this Unit Purchase Option is exercised in accordance with the instructions given below.

or

The undersigned hereby elects irrevocably to convert its right to purchase _____ Units purchasable under the within Unit Purchase Option by surrender of the unexercised portion of the attached Unit Purchase Option (with a "Value" based of \$ _____ based on a "Market Price" of \$ _____). Please issue the securities comprising the Units as to which this Unit Purchase Option is exercised in accordance with the instructions given below.

Signature

INSTRUCTIONS FOR REGISTRATION OF SECURITIES

Name:

(Print in Block Letters)

Address:

NOTICE: THE SIGNATURE TO THIS FORM MUST CORRESPOND WITH THE NAME AS WRITTEN UPON THE FACE OF THE WITHIN UNIT PURCHASE OPTION IN EVERY PARTICULAR WITHOUT ALTERATION OR ENLARGEMENT OR ANY CHANGE WHATSOEVER, AND MUST BE GUARANTEED BY A BANK, OTHER THAN A SAVINGS BANK, OR BY A TRUST COMPANY OR BY A FIRM HAVING MEMBERSHIP ON A REGISTERED NATIONAL SECURITIES EXCHANGE.

Form To Be Used To Assign Unit Purchase Option

ASSIGNMENT

(To be executed by the registered Holder to effect a transfer of the within Unit Purchase Option)

FOR VALUE RECEIVED, _____ does hereby sell, assign and transfer unto _____ the right to purchase _____ Units of America Corporation (the "Company") evidenced by the within Unit Purchase Option and does hereby authorize the Company to transfer such right on the books of the Company.

Dated: _____, 201_____

Signature

NOTICE: THE SIGNATURE TO THIS FORM MUST CORRESPOND WITH THE NAME AS WRITTEN UPON THE FACE OF THE WITHIN UNIT PURCHASE OPTION IN EVERY PARTICULAR WITHOUT ALTERATION OR ENLARGEMENT OR ANY CHANGE WHATSOEVER, AND MUST BE GUARANTEED BY A BANK, OTHER THAN A SAVINGS BANK, OR BY A TRUST COMPANY OR BY A FIRM HAVING MEMBERSHIP ON A REGISTERED NATIONAL SECURITIES EXCHANGE.

WARRANT AGENT AGREEMENT

WARRANT AGENT AGREEMENT, dated as of November [], 2014 (“Agreement”), between Amedica Corporation, a Delaware corporation (the “Company”), and American Stock Transfer & Trust Company, LLC (the “Warrant Agent”).

R E C I T A L S

WHEREAS, pursuant to an effective registration statement, SEC File No. 333-199753, the Company wishes to issue an aggregate of up to [] Units, each unit consisting of (i) one share of common stock, par value \$0.01 (the “Common Stock”), and (ii) a warrant to purchase one share of Common Stock, the terms and conditions of which are attached hereto as Exhibit A (each a “Warrant”). Each whole Warrant entitles the holder (the “Holder” which term shall include a Holder’s transferees, successors and assigns) to purchase one share of Common Stock¹ upon the terms and subject to the conditions set forth therein; and

WHEREAS, the Company wishes the Warrant Agent to act on behalf of the Company, and the Warrant Agent is willing so to act, in connection with the issuance, registration, transfer, exchange, exercise and replacement of the Warrants and, in the Warrant Agent’s capacity as the Company’s transfer agent and registrar, the delivery of the Warrant Shares (as defined below).

NOW, THEREFORE, in consideration of the premises and the mutual agreements herein set forth, the parties hereby agree as follows:

Section 1. Certain Definitions. For purposes of this Agreement, the following terms have the meanings indicated:

(a) “Business Day” means any day other than a Saturday, Sunday or a day on which The Nasdaq Stock Market is authorized or obligated by law or executive order to close.

(b) “Close of Business” on any given date means 5:00 p.m., New York City time, on such date; provided, however, that if such date is not a Business Day it means 5:00 p.m., New York City time, on the next succeeding Business Day.

(c) “Exercise Notice” means with respect to the exercise of a Warrant, a form of election to purchase Common Stock in substantially the form attached as Exhibit A to the Warrant attached hereto as Exhibit A.

(d) “Exercise Price” means \$[] per share, as may be adjusted from time to time as described in the Warrant.

¹ Under certain circumstances, in connection with a cashless exercise, a Holder may receive more than one share of Common Stock per whole Warrant.

(e) “Person” means an individual, a limited liability company, a partnership, a joint venture, a corporation, a trust, an unincorporated organization, any other entity or a government or any department or agency thereof.

(f) “Warrant Shares” means the shares of Common Stock issuable upon exercise of the Warrants.

Section 2. Appointment of Warrant Agent. The Company hereby appoints the Warrant Agent to act as agent for the Company in accordance with the terms and conditions set forth herein, and the Warrant Agent hereby accepts such appointment. The Company may from time to time appoint such Co-Warrant Agents as it may, in its sole discretion, deem necessary or desirable.

Section 3. Book-Entry Warrants.

(a) The Warrants shall be issuable in book entry form. Ownership of beneficial interests in the Warrants shall be shown on, and the transfer of such ownership shall be effected through, records maintained by (i) the Warrant Agent or its nominee for each Warrant or (ii) institutions that have accounts with the Warrant Agent (such institution, with respect to a Warrant in its account, a “Participant”).

(b) If the Warrant Agent subsequently ceases to make its book-entry settlement system available for the Warrants, the Company may instruct the Warrant Agent regarding other arrangements for book-entry settlement or may instruct the Warrant Agent to deliver to each Holder a Warrant Certificate in a form to be mutually agreed upon by the parties.

Section 4. Terms and Conditions of Warrants. The terms and conditions of the Warrants are set forth in Exhibit A hereto (the “Terms and Conditions”).

Section 5. Transfer of Warrants. A Holder of a Warrant may transfer or assign its Warrant pursuant to the Terms and Conditions upon delivery of notice (duly executed by such Holder or its agent or attorney) and funds sufficient to pay any transfer taxes payable upon the making of such transfer to the Warrant Agent at the principal office of the Warrant Agent in Brooklyn, NY, or to the office of one of its agents as may be designated in writing by the Warrant Agent. If any such notice is delivered to the Company, the Company will forward the notice to the Warrant Agent.

Section 6. Registration. The Warrant Agent will keep or cause to be kept, at its office in Brooklyn, NY, or at the office of one of its agents, books for registration and transfer of the Warrants issued hereunder. Such books shall show the names and addresses of the respective Holders of the Warrants, the number of Warrants held by each Holder, and the date on which the Warrant was granted to such Holder. The Warrant Agent will create a special account for the issuance of the Warrants.

Section 7. Exercise of Warrants.

(a) Subject to the Terms and Conditions, the Holder of a Warrant may exercise the Warrant, other than by cashless exercise, at any time in whole or in part, at the option of the Holder, upon delivery of an executed Exercise Notice and payment of the Exercise Price, which may be made, at the option of the Holder, by cash delivered to the Warrant Agent at the principal office of the Warrant Agent in Brooklyn, NY or to the office of one of its agents as may be designated in writing by the Warrant Agent, or by wire transfer of funds to the account of the Warrant Agent set forth on Schedule A hereto. Only if then permitted by the Terms and Conditions, the Holder of a Warrant may exercise the Warrant by cashless exercise, in whole or in part, upon delivery of an executed Exercise Notice to the Company. Upon receipt of an Exercise Notice for a cashless exercise, the Company shall calculate and transmit to the Warrant Agent within one (1) Business Day (and the Warrant Agent shall have no obligation under this section to calculate) the number of Warrant Shares issuable in connection with the cashless exercise (the "Cashless Exercise Notification").

(b) Upon receipt by the Warrant Agent of the Exercise Notice and the Exercise Price as described in Section 7(a) above, or the Cashless Exercise Notification from the Company, the Warrant Agent shall use reasonable efforts to cause to be delivered the Warrant Shares to or upon the order of the Holder of such Warrant, registered in such name or names as may be designated by such Holder by (x) in the event of a cash exercise, the date that is three (3) Business Days after the latest of (A) the delivery to the Warrant Agent of the properly executed and completed Exercise Notice, and (B) payment of the Exercise Price and other amounts as set forth in such Exercise Notice or in the Terms and Conditions or (y) in the event of a cashless exercise, the date that is two (2) Business Days after the delivery to the Warrant Agent by the Company of the Cashless Exercise Notification (each such date, the "Warrant Share Delivery Date"); provided, however, that the Warrant Agent shall not be liable to the Company or the Holder for any damages arising out of the failure to deliver the Warrant Shares by the Warrant Share Delivery Date to the extent that such failure relates to the acts or omissions of the Company, a Holder or a Holder's prime broker. Notwithstanding the foregoing, if the Company is then a participant in the Deposit Withdrawal at Custodian ("DWAC") system of the Depository Trust Company (the "Depository") and either (A) there is an effective registration statement permitting the issuance of the Warrant Shares to and resale of the Warrant Shares by Holder or (B) the Warrant is being exercised via cashless exercise pursuant to the Terms and Conditions, the certificates for Warrant Shares shall be transmitted by the Warrant Agent to the Holder by crediting the account of the Holder's prime broker with the Depository through its DWAC system to the extent the Holder arranges with its broker to initiate delivery through the DWAC system and the Warrant Agent has been duly instructed to deliver the Warrant Shares through the DWAC system.

Section 8. Certain Representations; Reservation and Availability of Shares of Common Stock.

(a) This Agreement has been duly authorized, executed and delivered by the Company and, assuming due authorization, execution and delivery hereof by the Warrant Agent, constitutes a valid and legally binding obligation of the Company enforceable against the

Company in accordance with its terms, and the Warrants and the Warrant Shares upon issuance have been duly authorized, executed and issued by the Company and, assuming due authentication thereof by the Warrant Agent pursuant hereto, constitute valid and legally binding obligations of the Company enforceable against the Company in accordance with their terms and entitled to the benefits hereof; in each case except as enforceability may be limited by bankruptcy, insolvency, reorganization, moratorium and other similar laws relating to or affecting creditors' rights generally or by general equitable principles (regardless of whether such enforceability is considered in a proceeding in equity or at law).

(b) The Company covenants and agrees that it will cause to be reserved and kept available out of its authorized and unissued shares of Common Stock or its authorized and issued shares of Common Stock held in its treasury, free from preemptive rights, the number of shares of Common Stock that will be sufficient to permit the exercise in full of all outstanding Warrants.

Section 9. Common Stock Record Date. Each person in whose name any certificate for shares of Common Stock is issued (or to whose prime broker's account is credited shares of Common Stock through the DWAC system) upon the exercise of Warrants shall for all purposes be deemed to have become the holder of record for the Common Stock represented thereby on, and such certificate shall be dated, (x) in the event of a cashless exercise, the date on which the Company receives the Cashless Exercise Notice or (y) in the event of an exercise for cash, the later of (A) the date on which the Warrant Agent receives such Exercise Notice or (B) the date on which the Warrant Agent receives the Exercise Price; provided, however, that if the date of such submission, payment and submission is a date upon which the Common Stock transfer books of the Company are closed, such person shall be deemed to have become the record holder of such shares on, and such certificate shall be dated, the next succeeding day on which the Common Stock transfer books of the Company are open.

Section 10. Adjustment of Exercise Price, Number of Shares of Common Stock or Number of Warrants. The Exercise Price, the number of shares covered by each Warrant and the number of Warrants outstanding are subject to adjustment from time to time as provided in the Terms and Conditions.

Section 11. Certification of Adjusted Exercise Price or Number of Shares of Common Stock. Whenever the Exercise Price or the number of shares of Common Stock issuable upon the exercise of each Warrant is adjusted as provided in the Terms and Conditions, the Company shall (a) promptly prepare a certificate setting forth the Exercise Price of each Warrant as so adjusted, and a brief statement of the facts accounting for such adjustment, (b) promptly file with the Warrant Agent a copy of such certificate and (c) instruct the Warrant Agent to mail such certificate to each holder of a Warrant.

Section 12. Reclassification, Consolidation, Purchase, Combination, Sale or Conveyance. If, at any time while the Warrants are outstanding, the Company shall effect any Fundamental Transaction, as such term is used in the Terms and Conditions, the Company shall instruct the Warrant Agent to mail by first class mail, postage prepaid, to each Holder of a Warrant, written notice of the execution of any such amendment, supplement or agreement. Any

supplemented or amended agreement entered into by the successor corporation or transferee shall provide for adjustments as set forth in the Terms and Conditions. The Warrant Agent shall be under no responsibility to determine the correctness of any provisions contained in such agreement relating either to the kind or amount of securities or other property receivable upon exercise of warrants or with respect to the method employed and provided therein for any adjustments and shall be entitled to rely upon the provisions contained in any such agreement. The provisions of this Section 12 shall similarly apply to successive Fundamental Transactions.

Section 13. Concerning the Warrant Agent.

(a) The Company agrees to pay to the Warrant Agent reasonable compensation for all services rendered by it hereunder and, from time to time, on demand of the Warrant Agent, its reasonable expenses and counsel fees and other disbursements incurred in the administration and execution of this Agreement and the exercise and performance of its duties hereunder.

(b) The Company covenants and agrees to indemnify and to hold the Warrant Agent harmless against any costs, expenses (including reasonable fees of its legal counsel), losses or damages, which may be paid, incurred or suffered by or to which it may become subject, arising from or out of, directly or indirectly, any claims or liability resulting from its actions as Warrant Agent pursuant hereto; provided, that such covenant and agreement does not extend to, and the Warrant Agent shall not be indemnified with respect to, such costs, expenses, losses and damages incurred or suffered by the Warrant Agent as a result of, or arising out of, its breach of this Agreement or the Warrant Agent's gross negligence, bad faith, or willful misconduct.

(c) Promptly after the receipt by the Warrant Agent of notice of any demand or claim or the commencement of any action, suit, proceeding or investigation, the Warrant Agent shall, if a claim in respect thereof is to be made against the Company, notify the Company thereof in writing. The Company shall be entitled to participate at its own expense in the defense of any such claim or proceeding, and, if it so elects at any time after receipt of such notice, it may assume the defense of any suit brought to enforce any such claim or of any other legal action or proceeding. For the purposes of this Section 13, the terms "expense" or "loss" mean any amount paid or payable to satisfy any claim, demand, action, suit or proceeding, and all reasonable costs and expenses, including, but not limited to, reasonable counsel fees and disbursements, paid or incurred in investigating or defending against any such claim, demand, action, suit, proceeding or investigation.

(d) The Warrant Agent shall be responsible for any and all losses, damages, costs, charges, counsel fees, payments, expenses and liability (collectively, "Losses"), and shall indemnify and hold the Company harmless from and against such Losses, arising out of or attributable to the Warrant Agent's breach of Section 7(b) of this Agreement.

(e) Promptly after the receipt by the Company of notice of any demand or claim or the commencement of any action, suit, proceeding or investigation, the Company shall, if a claim in respect thereof is to be made against the Warrant Agent, notify the Warrant Agent

thereof in writing. The Warrant Agent shall be entitled to participate at its own expense in the defense of any such claim or proceeding, and, if it so elects at any time after receipt of such notice, it may assume the defense of any suit brought to enforce any such claim or of any other legal action or proceeding.

Section 14. Purchase or Consolidation or Change of Name of Warrant Agent. Any corporation into which the Warrant Agent or any successor Warrant Agent may be merged or with which it may be consolidated, or any corporation resulting from any merger or consolidation to which the Warrant Agent or any successor Warrant Agent shall be party, or any corporation succeeding to the business of the Warrant Agent or any successor Warrant Agent, shall be the successor to the Warrant Agent under this Agreement without the execution or filing of any paper or any further act on the part of any of the parties hereto, provided that such corporation would be eligible for appointment as a successor Warrant Agent under the provisions of Section 13.

Section 15. Duties of Warrant Agent. The Warrant Agent undertakes the duties and obligations imposed by this Agreement upon the following terms and conditions, by all of which the Company and the Holders of Warrants, by their acceptance thereof, shall be bound:

(a) The Warrant Agent may consult with legal counsel (who may be legal counsel for the Company), and the opinion of such counsel shall be full and complete authorization and protection to the Warrant Agent as to any action taken or omitted by it in good faith and in accordance with such opinion.

(b) Whenever in the performance of its duties under this Agreement the Warrant Agent shall deem it necessary or desirable that any fact or matter be proved or established by the Company prior to taking or suffering any action hereunder, such fact or matter (unless other evidence in respect thereof be herein specifically prescribed) may be deemed to be conclusively proved and established by written (including electronic) instructions of the Chief Executive Officer or President of the Company or by the Chief Financial Officer of the Company and delivered to the Warrant Agent; and such certificate shall be full authentication to the Warrant Agent for any action taken or suffered in good faith by it under the provisions of this Agreement in reliance upon such writing.

(c) The Warrant Agent shall not be liable for or by reason of any of the statements of fact or recitals contained in this Agreement or in the Terms and Conditions or be required to verify the same, but all such statements and recitals are and shall be deemed to have been made by the Company only.

(d) The Warrant Agent shall not be under any responsibility in respect of the validity of this Agreement or the execution and delivery hereof (except the due execution hereof by the Warrant Agent); nor shall it be responsible for any breach by the Company of any covenant or condition contained in this Agreement or in the Terms and Conditions; nor shall it be responsible for the adjustment of the Exercise Price or the making of any change in the number of shares of Common Stock or Warrant Shares required under the provisions of Section 7, Section 10, Section 12 and the Terms and Conditions or responsible for the manner, method or

amount of any such change or the ascertaining of the existence of facts that would require any such adjustment or change (except with respect to the exercise of Warrants after actual notice of any adjustment of the Exercise Price); nor shall it by any act hereunder be deemed to make any representation or warranty as to the authorization or reservation of any shares of Common Stock to be issued pursuant to this Agreement or as to whether any shares of Common Stock will, when issued, be duly authorized, validly issued, fully paid and nonassessable.

(e) The Company agrees that it will perform, execute, acknowledge and deliver or cause to be performed, executed, acknowledged and delivered all such further and other acts, instruments and assurances as may reasonably be required by the Warrant Agent for the carrying out or performing by the Warrant Agent of the provisions of this Agreement.

(f) The Warrant Agent is hereby authorized to accept instructions with respect to the performance of its duties hereunder from the Chief Executive Officer, the President, the principal financial officer or the Chief Legal Officer of the Company, and to apply to such officers for advice or instructions in connection with its duties, and it shall not be liable and shall be indemnified and held harmless for any action taken or suffered to be taken by it in good faith in accordance with instructions of any such officer, provided Warrant Agent carries out such instructions without gross negligence, bad faith or willful misconduct.

(g) The Warrant Agent and any shareholder, director, officer, manager, member or employee of the Warrant Agent may buy, sell or deal in any of the Warrants or other securities of the Company or become pecuniarily interested in any transaction in which the Company may be interested, or contract with or lend money to the Company or otherwise act as fully and freely as though it were not Warrant Agent under this Agreement. Nothing herein shall preclude the Warrant Agent from acting in any other capacity for the Company or for any other legal entity.

(h) The Warrant Agent may execute and exercise any of the rights or powers hereby vested in it or perform any duty hereunder either itself or by or through its attorney or agents, and the Warrant Agent shall not be answerable or accountable for any act, default, neglect or misconduct of any such attorney or agents or for any loss to the Company resulting from any such act, default, neglect or misconduct, provided reasonable care was exercised in the selection and continued employment thereof.

Section 16. Change of Warrant Agent. The Warrant Agent may resign and be discharged from its duties under this Agreement upon 30 days' notice in writing mailed to the Company and to each transfer agent of the Common Stock by registered or certified mail, and to the holders of the Warrants. The Company may remove the Warrant Agent or any successor Warrant Agent upon 30 days' notice in writing, mailed to the Warrant Agent or successor Warrant Agent, as the case may be, and to each transfer agent of the Common Stock by registered or certified mail, and to the holders of the Warrants by first-class mail. If the Warrant Agent shall resign or be removed or shall otherwise become incapable of acting, the Company shall appoint a successor to the Warrant Agent. If the Company shall fail to make such appointment within a period of 30 days after such removal or after it has been notified in writing of such resignation or incapacity by the resigning or incapacitated Warrant Agent or by the

Holder of a Warrant, then the Holder of any Warrant may apply to any court of competent jurisdiction for the appointment of a new Warrant Agent. Any successor Warrant Agent, whether appointed by the Company or by such a court, shall be a corporation organized and doing business under the laws of the United States or of a state thereof, in good standing. After appointment, the successor Warrant Agent shall be vested with the same powers, rights, duties and responsibilities as if it had been originally named as Warrant Agent without further act or deed; but the predecessor Warrant Agent shall deliver and transfer to the successor Warrant Agent any property at the time held by it hereunder, and execute and deliver any further assurance, conveyance, act or deed necessary for the purpose. Not later than the effective date of any such appointment, the Company shall file notice thereof in writing with the predecessor Warrant Agent and each transfer agent of the Common Stock, and mail a notice thereof in writing to the Holders of the Warrants. However, failure to give any notice provided for in this Section 16, or any defect therein, shall not affect the legality or validity of the resignation or removal of the Warrant Agent or the appointment of the successor Warrant Agent, as the case may be.

Section 17. Warrant Exercise Solicitation. From time to time, the Company may engage one or more registered broker-dealer(s) to act as the Company's agent for the solicitation of the exercise of the Warrants. If so engaged, the Company will provide the Warrant Agent with written notice of the engagement and the Warrant Agent agrees that it will reasonably cooperate with such solicitation activities.

Section 18. Notices. Notices or demands authorized by this Agreement to be given or made (i) by the Warrant Agent or by the Holder of any Warrant to or on the Company, (ii) subject to the provisions of Section 18, by the Company or by the Holder of any Warrant to or on the Warrant Agent or (iii) by the Company or the Warrant Agent to the Holder of any Warrant Certificate, shall be deemed given (w) the date of transmission, if such notice or communication is delivered via facsimile or email at the number or email address set forth below prior to 5:00 p.m. (New York time) on a Business Day, (x) on the date delivered, if delivered personally, (y) on the first Business Day following the deposit thereof with Federal Express or another recognized overnight courier, if sent by Federal Express or another recognized overnight courier, and (z) on the fourth Business Day following the mailing thereof with postage prepaid, if mailed by registered or certified mail (return receipt requested), in each case to the parties at the following addresses (or at such other address for a party as shall be specified by like notice):

(a) If to the Company, to:

Amedica Corporation
1885 West 2100 South
Salt Lake City, UT 84119
Attention: Chief Legal Officer
Facsimile: (801) 839-3605
email: KOntiveros@amedica.com

(b) If to the Warrant Agent, to:

American Stock Transfer & Trust Company, LLC
6201 15th Avenue
Brooklyn, NY 11219
Attention: Frank Ruggiero – Reorg. Dept.
email: FRuggiero@amstock.com

If to the Holder of any Warrant, to the address of such holder as shown on the registry books of the Company. Any notice required to be delivered by the Company to the Holder of any Warrant may be given by the Warrant Agent on behalf of the Company.

Section 19. Supplements and Amendments.

(a) The Company and the Warrant Agent may from time to time supplement or amend this Agreement without the approval of any Holders of Warrant Certificates in order to cure any ambiguity, to correct or supplement any provision contained herein which may be defective or inconsistent with any other provisions herein, or to make any other provisions with regard to matters or questions arising hereunder which the Company and the Warrant Agent may deem necessary or desirable and which shall not adversely affect the interests of the Holders of Warrants.

(b) In addition to the foregoing, with the consent of Holders of Warrants entitled, upon exercise thereof, to receive not less than a majority of the shares of Warrant Shares issuable thereunder, the Company and the Warrant Agent may modify this Agreement for the purpose of adding any provisions to or changing in any manner or eliminating any of the provisions of this Warrant Agreement or modifying in any manner the rights of the holders of the Warrants; provided, however, that no modification of the terms (including but not limited to the adjustments described in Section 11) upon which the Warrants are exercisable or reducing the percentage required for consent to modification of this Agreement may be made without the consent of the holder of each outstanding warrant certificate affected thereby.

Section 20. Successors. All covenants and provisions of this Agreement by or for the benefit of the Company or the Warrant Agent shall bind and inure to the benefit of their respective successors and assigns hereunder.

Section 21. Benefits of this Agreement. Nothing in this Agreement shall be construed to give any Person other than the Company and the Warrant Agent any legal or equitable right, remedy or claim under this Agreement; but this Agreement shall be for the sole and exclusive benefit of the Company, the Warrant Agent and the Holders of the Warrants.

Section 22. Governing Law. This Agreement and each Warrant Certificate issued hereunder shall be governed by, and construed in accordance with, the laws of the State of New York without giving effect to the conflicts of law principles thereof.

Section 23. Counterparts. This Agreement may be executed in any number of counterparts and each of such counterparts shall for all purposes be deemed to be an original, and all such counterparts shall together constitute but one and the same instrument.

Section 24. Captions. The captions of the sections of this Agreement have been inserted for convenience only and shall not control or affect the meaning or construction of any of the provisions hereof.

Section 25. Force Majeure. Notwithstanding anything to the contrary contained herein, neither Warrant Agent nor the Company shall be liable for, or considered to be in breach of or default under this Agreement (including Section 13) on account of any delay or failure to perform its obligations hereunder due to causes beyond such party's reasonable control including, without limitation, acts of God, terrorist acts, shortage of supply, breakdowns or malfunctions, interruptions or malfunction of computer facilities, or loss of data due to power failures or mechanical difficulties with information storage or retrieval systems, labor difficulties, war, or civil unrest.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed as of the day and year first above written.

AMEDICA CORPORATION.

By: _____
Name:
Title:

**AMERICAN STOCK TRANSFER & TRUST
COMPANY, LLC**

By: _____
Name:
Title:

SCHEDULE A

WIRE INSTRUCTIONS

JP MORGAN CHASE BANK

ABA # 021 000 021

ACCT # 530-354616

ACCT NAME: AMERICAN STOCK TRANSFER & TRUST CO
AS AGENT FOR AMEDICA CORPORATION

EXHIBIT A

TERMS AND CONDITIONS

FORM OF WARRANT

AMEDICA CORPORATION

WARRANT TO PURCHASE COMMON STOCK

Warrant No.:

Date of Issuance: November [], 2014 (“**Issuance Date**”)

Amedica Corporation, a Delaware corporation (the “**Company**”), hereby certifies that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, [], the registered holder hereof or its permitted assigns (the “**Holder**”), is entitled, subject to the terms set forth below, to purchase from the Company, at the Exercise Price (as defined below) then in effect, upon exercise of this Warrant, to Purchase Common Stock (including any Warrants to Purchase Common Stock issued in exchange, transfer or replacement hereof, the “**Warrant**”), at any time or times on or after the Issuance Date, but not after 11:59 p.m., New York time, on the Expiration Date (as defined below), [5 YEARS FROM ISSUANCE DATE] (subject to adjustment as provided herein) fully paid and non-assessable shares of Common Stock (as defined below) (the “**Warrant Shares**”). Except as otherwise defined herein, capitalized terms in this Warrant shall have the meanings set forth in Section 16. This Warrant is one of the Warrants to Purchase Common Stock (the “**Purchased Warrants**”) issued pursuant to the Offering (as defined in that certain Underwriting Agreement, dated as of November [], 2014, by and between the Company and Dawson James Securities, Inc., as representative of the several underwriters (the “**Underwriting Agreement**”)) consummated on the Issuance Date.

This Warrant shall be issuable in book entry form (the “**Book-Entry Warrant Certificate**”) and shall initially be represented by one or more Book-Entry Warrant Certificates deposited with American Stock Transfer and Trust Company (the “**Warrant Agent**”) and registered in the name of the Holder, or as otherwise directed by the Warrant Agent. Ownership of beneficial interests in this Warrant shall be shown on, and the transfer of such ownership shall be effected through, records maintained by the Warrant Agent (the “**Warrant Register**”). The Company may deem and treat the registered Holder of this Warrant as the absolute owner hereof for the purpose of any exercise hereof or any distribution to the Holder, and for all other purposes, absent actual written notice to the contrary.

1. EXERCISE OF WARRANT.

(a) Mechanics of Exercise. Subject to the terms and conditions hereof (including, without limitation, the limitations set forth in Section 1(f)), this Warrant may be exercised by the Holder on any day on or after the Issuance Date in whole or in part, by delivery (whether via e-mail, facsimile or otherwise) of a written notice, in the form attached hereto as **Exhibit A** (the “**Exercise Notice**”) to the Warrant Agent or such other office or agency of the Company as it may designate by notice in writing to the registered Holder at the address of the Holder appearing on the books of the Company or the Warrant Agent (or to the Company if the exercise

is made pursuant to a Cashless Exercise (as defined in Section 1(d)), of the Holder's election to exercise this Warrant. Within one (1) Trading Day following an exercise of this Warrant as aforesaid, the Holder shall deliver payment to the Warrant Agent of an amount equal to the Exercise Price in effect on the date of such exercise multiplied by the number of Warrant Shares as to which this Warrant was so exercised (in respect of such specific exercise, the "Aggregate Exercise Price") in cash or via wire transfer of immediately available funds (to the account set forth on **Schedule A** hereto) if the Holder did not notify the Company in such Exercise Notice that such exercise was made pursuant to a Cashless Exercise (as defined in Section 1(d)). The Holder shall not be required to deliver the original of this Warrant in order to effect an exercise hereunder. Execution and delivery of an Exercise Notice with respect to less than all of the Warrant Shares shall have the same effect as cancellation of the original of this Warrant certificate and issuance of a new Warrant certificate evidencing the right to purchase the remaining number of Warrant Shares. Execution and delivery of an Exercise Notice for all of the then-remaining Warrant Shares shall have the same effect as cancellation of the original of this Warrant certificate after delivery of the Warrant Shares in accordance with the terms hereof. The Holder and the Company or the Warrant Agent shall maintain records showing the number of Warrant Shares purchased and the date of such purchases. The Company or the Warrant Agent shall deliver any objection to any Notice of Exercise form within 2 Business Days of receipt of the applicable Notice of Exercise. On or before the first (1st) Trading Day following the date on which the Company has received an Exercise Notice for a Cashless Exercise, the Company shall transmit by e-mail or facsimile an acknowledgment of confirmation of receipt of such Exercise Notice, in the form attached hereto as **Exhibit B**, to the Warrant Agent. On or before the third (3rd) Trading Day following (A) in the event of a Cashless Exercise, the date on which the Company has received such Exercise Notice or (B) in the event of an exercise for cash, the later of (i) the date on which the Warrant Agent has received such Exercise Notice or (ii) the date on which the Warrant Agent receives the Aggregate Exercise Price (such date is referred to herein as the "**Delivery Date**"), the Company shall, (X) provided that (I) the Transfer Agent is participating in The Depository Trust Company ("**DTC**") Fast Automated Securities Transfer Program and (II) either a registration statement for the issuance to the Holder of the applicable Warrant Shares to be issued pursuant to such Exercise Notice is effective and the prospectus contained therein is usable or such Warrant Shares to be so issued are otherwise freely tradable, cause the Warrant Agent to credit such aggregate number of shares of Common Stock to which the Holder is entitled pursuant to such exercise to the Holder's or its designee's balance account with DTC through its Deposit/Withdrawal at Custodian system, or (Y) if either of the immediately preceding clauses (I) or (II) are not satisfied, issue and deliver to the Holder or, at the Holder's instruction pursuant to the Exercise Notice, the Holder's agent or designee, in each case, sent by reputable overnight courier to the address as specified in the applicable Exercise Notice, a certificate, registered in the Company's share register in the name of the Holder or its designee (as indicated in the applicable Exercise Notice), for the number of shares of Common Stock to which the Holder is entitled pursuant to such exercise. Upon (A) in the event of a Cashless Exercise, the date on which the Company has received such Exercise Notice or (B) in the event of an exercise for cash, the later of (i) the date on which the Warrant Agent has received such Exercise Notice or (ii) the date on which the Warrant Agent receives the Aggregate Exercise Price, the Holder shall be deemed for all corporate purposes to have become the holder of record of the Warrant Shares with respect to which this Warrant has been exercised, irrespective of the date such Warrant Shares are credited to the Holder's DTC account or the date

of delivery of the certificates evidencing such Warrant Shares (as the case may be); provided, however, that if the date of such receipt is a date upon which the Common Stock transfer books of the Company are closed, such Holder shall be deemed to have become the record holder of such shares on, the next succeeding day on which the Common Stock transfer books of the Company are open. If this Warrant is submitted in connection with any exercise pursuant to this Section 1(a) and the number of Warrant Shares represented by this Warrant submitted for exercise is greater than the number of Warrant Shares being acquired upon an exercise, then, at the request of the Holder and upon surrender hereof by the Holder at the principal office of the Company, the Company shall as soon as practicable and in no event later than three (3) Business Days after any exercise and at its own expense, issue and deliver to the Holder (or its designee) a new Warrant (in accordance with Section 7(d)) representing the right to purchase the number of Warrant Shares purchasable immediately prior to such exercise under this Warrant, less the number of Warrant Shares with respect to which this Warrant is exercised. No fractional shares of Common Stock are to be issued upon the exercise of this Warrant, but rather the number of shares of Common Stock to be issued shall be rounded up to the nearest whole number. The Company shall pay any and all taxes and fees which may be payable with respect to the issuance and delivery of Warrant Shares upon exercise of this Warrant.

(b) Exercise Price. For purposes of this Warrant, “**Exercise Price**” means \$[]², subject to adjustment as provided herein.

(c) Company’s Failure to Timely Deliver Securities. If the Company shall fail, for any reason or for no reason, to issue to the Holder on or before the applicable Delivery Date, a certificate for the number of shares of Common Stock to which the Holder is entitled and register such shares of Common Stock on the Company’s share register or to credit the Holder’s balance account with DTC for such number of shares of Common Stock to which the Holder is entitled upon the Holder’s exercise of this Warrant (as the case may be), then, in addition to all other remedies available to the Holder, the Company shall pay in cash to the Holder on each day after such third (3rd) Trading Day that the issuance of such shares of Common Stock is not timely effected an amount equal to 2% of the product of (A) the aggregate number of shares of Common Stock not issued to the Holder on a timely basis and to which the Holder is entitled and (B) the Closing Sale Price of the Common Stock on the Trading Day immediately preceding the last possible date on which the Company could have issued such shares of Common Stock to the Holder without violating Section 1(a). In addition to the foregoing, if the Company shall fail to issue and deliver a certificate to the Holder and register such shares of Common Stock on the Company’s share register or credit the Holder’s balance account with DTC for the number of shares of Common Stock to which the Holder is entitled upon the Holder’s exercise or exchange hereunder (as the case may be) on or prior to the applicable Delivery Date, and if on or after such Delivery Date the Holder (or any other Person in respect, or on behalf, of the Holder) purchases (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by the Holder of all or any portion of the number of shares of Common Stock, or a sale of a number of shares of Common Stock equal to all or any portion of the number of shares of Common Stock, issuable upon such exercise or exchange that the Holder so anticipated receiving from the Company, then, in addition to all other remedies available to the Holder, the Company shall, within three (3) Business Days after the Holder’s request and in the Holder’s discretion,

² 130% of the conversion price of the Units sold in the Offering (rounded to the nearest cent)

either (i) pay cash to the Holder in an amount equal to the Holder's total purchase price (including brokerage commissions and other out-of-pocket expenses, if any) for the shares of Common Stock so purchased (including, without limitation, by any other Person in respect, or on behalf, of the Holder) (the "**Buy-In Price**"), at which point the Company's obligation to so issue and deliver such certificate or credit the Holder's balance account with DTC for the number of shares of Common Stock to which the Holder is entitled upon the Holder's exercise or exchange hereunder (as the case may be) (and to issue such shares of Common Stock) shall terminate, or (ii) promptly honor its obligation to so issue and deliver to the Holder a certificate or certificates representing such shares of Common Stock or credit the Holder's balance account with DTC for the number of shares of Common Stock to which the Holder is entitled upon the Holder's exercise or exchange hereunder (as the case may be) and pay cash to the Holder in an amount equal to the excess (if any) of the Buy-In Price over the product of (A) such number of shares of Common Stock multiplied by (B) the lowest Closing Sale Price of the Common Stock on any Trading Day during the period commencing on the date of the applicable Exercise Notice or Exchange Notice, as the case may be, and ending on the date of such issuance and payment under this clause (ii).

(d) **Cashless Exercise.** Notwithstanding anything contained herein to the contrary (other than Section 1(f) below), the Holder may, in its sole discretion (and without limiting the Holder's rights and remedies contained herein), exercise this Warrant in whole or in part and, from and after the 120 day anniversary of the Issuance Date, in lieu of making the cash payment otherwise contemplated to be made to the Company upon such exercise in payment of the Aggregate Exercise Price, elect instead to receive upon such exercise a cash payment from the Company equal to the product of (i) the total number of shares with respect to which this Warrant is then being exercised multiplied by (ii) the Black Scholes Value (as defined below) (the "**Exchange Amount**"). In the Company's sole discretion, if (x) no Equity Conditions has occurred or (y) an Equity Conditions Failure has occurred other than as a result of any of the conditions specified in clauses (ii) or (v) of the definition thereof, the Company may elect to treat such notice as a cashless exercise of the Warrant with respect to the number of shares specified in "A" below for the "Net Number" of shares of Common Stock determined according to the following formula with respect thereto (a "**Cashless Exercise**"), as follows:

$$\text{Net Number} = (A \times B) / C$$

For purposes of the foregoing formula:

A= the total number of shares with respect to which this Warrant is then being exercised.

B= Black Scholes Value (as defined below).

C= the Closing Bid Price of the Common Stock as of two (2) Trading Days prior to the time of such exercise (as defined below).

(e) **Disputes.** In the case of a dispute as to the determination of the Exercise Price or the arithmetic calculation of the number of Warrant Shares to be issued pursuant to the terms hereof (including, without limitation, the Net Number), the Company shall promptly issue to the Holder the number of Warrant Shares that are not disputed, provided that following such issuance to Holder such dispute shall be resolved in accordance with Section 13.

(f) Limitations on Exercises and Exchanges. Notwithstanding anything to the contrary contained in this Warrant, this Warrant shall not be exercisable or exchangeable by the Holder hereof to the extent (but only to the extent) that the Holder or any of its Affiliates would beneficially own in excess of 9.9% (the “**Maximum Percentage**”) of the Common Stock. To the extent the above limitation applies, the determination of whether this Warrant shall be exercisable or exchangeable (vis-à-vis other convertible, exercisable or exchangeable securities owned by the Holder or any of its Affiliates) and of which such securities shall be exercisable or exchangeable (as among all such securities owned by the Holder) shall, subject to such Maximum Percentage limitation, be determined on the basis of the first submission to the Company for conversion, exercise or exchange (as the case may be). No prior inability to exercise or exchange this Warrant pursuant to this paragraph shall have any effect on the applicability of the provisions of this paragraph with respect to any subsequent determination of exercisability or exchangeability. For the purposes of this paragraph, beneficial ownership and all determinations and calculations (including, without limitation, with respect to calculations of percentage ownership) shall be determined in accordance with Section 13(d) of the Securities Exchange Act of 1934, as amended (the “**1934 Act**”), and the rules and regulations promulgated thereunder. The provisions of this paragraph shall be implemented in a manner otherwise than in strict conformity with the terms of this paragraph to correct this paragraph (or any portion hereof) which may be defective or inconsistent with the intended Maximum Percentage beneficial ownership limitation herein contained or to make changes or supplements necessary or desirable to properly give effect to such Maximum Percentage limitation. The limitations contained in this paragraph shall apply to a successor Holder of this Warrant. The holders of Common Stock shall be third party beneficiaries of this paragraph and the Company may not amend or waive this paragraph without the consent of holders of a majority of its Common Stock. For any reason at any time, upon the written or oral request of the Holder, the Company shall within one (1) Business Day confirm orally and in writing to the Holder the number of shares of Common Stock then outstanding, including by virtue of any prior conversion or exercise or exchange of convertible or exercisable or exchangeable securities into Common Stock, including, without limitation, pursuant to this Warrant or securities issued pursuant to the Certificate of Designation.

(g) Mandatory Exercise

If at any time after the 120 day anniversary of the Issuance Date, for twenty (20) consecutive Trading Days the Closing Sale Price of the Common Stock for each Trading Day during such period is at a price greater than or equal to 25% above the Exercise Price as in effect at the end of such Trading Day (such period being the “**Trigger Period**”), then (provided no Equity Conditions Failure shall have occurred during such period or be continuing at any time during such period), the Company shall have the right to require the Holder to exercise for cash all, but not less than all, of this Warrant for all of the then-remaining Warrant Shares as further set forth below. The Company may exercise its right to require exercise under this Section 1(g) (the “**Mandatory Exercise Right**”) on one occasion (or, if a Mandatory Exercise Notice becomes null and void pursuant to this Section 1(g), such number of additional occasions as necessary to permit a Mandatory Exercise with respect to the entire amount of Warrant Shares

issuable hereunder). The Company shall exercise its Mandatory Exercise Right (to the extent permitted hereby) by delivering, within ten (10) Trading Days following the end of the Trigger Period, a written notice thereof by facsimile and overnight courier to the Holder (the “**Mandatory Exercise Notice**” and the date such notice by facsimile is deemed to be delivered in accordance with Section 8 below is referred to as the “**Mandatory Exercise Notice Date**”). The Mandatory Exercise Notice shall be irrevocable. The Mandatory Exercise Notice shall (1) state the Trading Day selected for the Mandatory Exercise in accordance with this Section 1(g), which Trading Day shall be at least five (5) Trading Days but not more than fifteen (15) Trading Days following the Mandatory Exercise Notice Date (the “**Mandatory Exercise Date**”), (2) state the number of shares of Common Stock to be issued to the Holder on the Mandatory Exercise Date and (3) contain a certification from the Chief Executive Officer of the Company that there is then no Equity Conditions Failure existing as of the Mandatory Exercise Notice Date. Any portion of this Warrant exercised by the Holder after the Mandatory Exercise Notice Date shall reduce the number of Warrant Shares for which this Warrant is required to be exercised on the Mandatory Exercise Date; provided however, that so long as the Closing Sale Price of the Common Stock for each Trading Day between the Mandatory Exercise Notice Date and the Mandatory Exercise Date is at a price greater than or equal to 25% above the Exercise Price as in effect at the end of such Trading Day, the holder cannot exercise this warrant pursuant to Section 1(d) above. If the Company has elected a Mandatory Exercise, the mechanics of exercise set forth in Section 1 shall apply, to the extent applicable, as if the Warrant Agent had received from the Holder on the Mandatory Exercise Date an Exercise Notice with respect to all of the then-remaining Warrant Shares (or the Permitted Exercise Amount (as defined below) of Warrant Shares, as applicable). Notwithstanding anything contained in this Section 1(g) to the contrary, if an Equity Conditions Failure occurs on any day between the occurrence of the Trigger Period and prior to the Mandatory Exercise Date, then the Mandatory Exercise Notice delivered to the Holder shall be null and void ab initio and the Mandatory Exercise shall not occur and the Mandatory Exercise Right shall not be available to the Company unless and until the conditions precedent to such Mandatory Exercise Right are again satisfied. If the Company elects to cause a mandatory exercise of this Warrant pursuant to this Section 1(g), then it must simultaneously take the same action with respect to all of the other warrants issued to investors in the Offering, if any, held by any person other than Holder. By way of example, if the Exercise Price of the Warrant is \$1.25 per share, and after the 120 day anniversary of the Issuance Date, the Closing Sale Price for twenty (20) consecutive Trading Days is greater than or equal to \$1.5625 per share, the Company may exercise the Mandatory Exercise Right.

(h) Insufficient Authorized Shares

The Company shall at all times keep reserved for issuance under this Warrant a number of shares of Common Stock as shall be necessary to satisfy the Company’s obligation to issue shares of Common Stock hereunder (without regard to any limitation otherwise contained herein with respect to the number of shares of Common Stock that may be acquirable upon exercise or exchange of this Warrant). If, notwithstanding the foregoing, and not in limitation thereof, at any time while any of the Purchased Warrants remain outstanding the Company does not have a sufficient number of authorized and unreserved shares of Common Stock to satisfy its obligation to reserve for issuance upon exercise or exchange of the Purchased Warrants at least a number of shares of Common Stock equal to the number of shares of Common Stock as shall from time to time be necessary to effect the exercise or exchange of all of the Purchased Warrants then

outstanding (the “**Required Reserve Amount**”) (an “**Authorized Share Failure**”), then the Company shall immediately take all action necessary to increase the Company’s authorized shares of Common Stock to an amount sufficient to allow the Company to reserve the Required Reserve Amount for all the Purchased Warrants then outstanding. Without limiting the generality of the foregoing sentence, as soon as practicable after the date of the occurrence of an Authorized Share Failure, but in no event later than ninety (90) days after the occurrence of such Authorized Share Failure, the Company shall hold a meeting of its shareholders for the approval of an increase in the number of authorized shares of Common Stock. In connection with such meeting, the Company shall provide each shareholder with a proxy statement and shall use its commercially reasonable efforts to solicit its shareholders’ approval of such increase in authorized shares of Common Stock and to cause its board of directors to recommend to the shareholders that they approve such proposal.

2. ADJUSTMENT OF EXERCISE PRICE AND NUMBER OF WARRANT SHARES. The Exercise Price and number of Warrant Shares issuable upon exercise of this Warrant are subject to adjustment from time to time as set forth in this Section 2.

(a) Stock Dividends and Splits. Without limiting any provision of Section 4, if the Company, at any time on or after the Issuance Date, (i) pays a stock dividend on one or more classes of its then outstanding shares of Common Stock or otherwise makes a distribution on any class of capital stock that is payable in shares of Common Stock, (ii) subdivides (by any stock split, stock dividend, recapitalization or otherwise) one or more classes of its then outstanding shares of Common Stock into a larger number of shares or (iii) combines (by combination, reverse stock split or otherwise) one or more classes of its then outstanding shares of Common Stock into a smaller number of shares, then in each such case the Exercise Price shall be multiplied by a fraction of which the numerator shall be the number of shares of Common Stock outstanding immediately before such event and of which the denominator shall be the number of shares of Common Stock outstanding immediately after such event. Any adjustment made pursuant to clause (i) of this paragraph shall become effective immediately after the record date for the determination of shareholders entitled to receive such dividend or distribution, and any adjustment pursuant to clause (ii) or (iii) of this paragraph shall become effective immediately after the effective date of such subdivision or combination. If any event requiring an adjustment under this paragraph occurs during the period that an Exercise Price is calculated hereunder, then the calculation of such Exercise Price shall be adjusted appropriately to reflect such event.

(b) [RESERVED]

(c) Number of Warrant Shares. Simultaneously with any adjustment to the Exercise Price pursuant to paragraph (a) of this Section 2, the number of Warrant Shares that may be purchased upon exercise of this Warrant shall be increased or decreased proportionately, so that after such adjustment the aggregate Exercise Price payable hereunder for the adjusted number of Warrant Shares shall be the same as the aggregate Exercise Price in effect immediately prior to such adjustment (without regard to any limitations on exercise contained herein). In addition, and notwithstanding anything to the contrary contained herein, (x) upon a Cashless Exercise as set forth in Section 1(d) hereof, the number of Warrant Shares for which this Warrant is exercisable immediately following such Cashless Exercise shall be equal to (i) the number of Warrant Shares for which this Warrant was exercisable immediately prior to such Cashless

Exercise less (ii) the number of Warrant Shares as to which such Cashless Exercise was exercised (such number of Warrant Shares in this clause (ii) in respect of such Cashless Exercise being equal to “A” in such Cashless Exercise formula in respect of such Cashless Exercise) and (y) the number of Warrant Shares issuable hereunder shall automatically be increased, as necessary, to enable to the Company to comply with its obligations to issue the Net Number of shares of Common Stock under Section 1(d) hereof upon any Cashless Exercise hereunder.

(d) Calculations. All calculations under this Section 2 shall be made by rounding to the nearest 1/1000th of cent and the nearest 1/100th of a share, as applicable. The number of shares of Common Stock outstanding at any given time shall not include shares owned or held by or for the account of the Company, and the disposition of any such shares shall be considered an issue or sale of Common Stock.

(e) Other Events. In the event that the Company shall take any action to which the provisions hereof are not strictly applicable, or, if applicable, would not operate to protect the Holder from dilution or if any event occurs of the type contemplated by the provisions of this Section 2 but not expressly provided for by such provisions (including, without limitation, the granting of stock appreciation rights, phantom stock rights or other rights with equity features), then the Company’s board of directors shall in good faith determine and implement an appropriate adjustment in the Exercise Price and the number of Warrant Shares (if applicable) so as to protect the rights of the Holder, provided that no such adjustment pursuant to this Section 2(e) will increase the Exercise Price or decrease the number of Warrant Shares as otherwise determined pursuant to this Section 2, provided further that if the Required Holders (as defined below) do not accept such adjustments as appropriately protecting its interests hereunder against such dilution, then the Company’s board of directors and the Required Holders shall agree, in good faith, upon an independent investment bank of nationally recognized standing to make such appropriate adjustments, whose determination shall be final and binding and whose fees and expenses shall be borne by the Company.

3. RIGHTS UPON DISTRIBUTION OF ASSETS. In addition to any adjustments pursuant to Section 2 above, if the Company, at any time prior to the three year anniversary of the Issuance Date, shall declare or make any dividend or other distribution of its assets (or rights to acquire its assets) to all or substantially all of the holders of shares of Common Stock, by way of return of capital or otherwise (including, without limitation, any distribution of cash, stock or other securities, indebtedness, property or options by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) (a “**Distribution**”), at any time after the issuance of this Warrant, then, in each such case, the Holder shall be entitled to participate in such Distribution to the same extent that the Holder would have participated therein if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations on exercise hereof, including without limitation, the Maximum Percentage) immediately before the date on which a record is taken for such Distribution, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the participation in such Distribution (provided, however, to the extent that the Holder’s right to participate in any such Distributions would result in the Holder exceeding the Maximum Percentage, then the Holder shall not be entitled to participate in such Distribution to such extent (or the beneficial ownership of any such shares of Common Stock as a result of such Distribution to such extent) and such Distribution to such

extent shall be held in abeyance for the benefit of the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Maximum Percentage), provided further, such Distribution shall be held in abeyance for the benefit of the Holder until such time as the Holder exercises this Warrant (whether in whole or in part), and subject to the foregoing proviso, upon each exercise of this Warrant the Company shall make such Distribution to the Holder with respect to each Warrant Share for which this Warrant is so exercised until such time as this Warrant has been exercised in full).

4. PURCHASE RIGHTS; FUNDAMENTAL TRANSACTIONS.

(a) Purchase Rights. In addition to any adjustments pursuant to Section 2 above, if the Company, at any time prior to the three year anniversary of the Issuance Date, grants, issues or sells any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property pro rata to all or substantially all of the record holders of any class of shares of Common Stock (the "**Purchase Rights**"), then the Holder will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which the Holder could have acquired if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations on exercise hereof, including without limitation, the Maximum Percentage) immediately before the date on which a record is taken for the grant, issuance or sale of such Purchase Rights, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the grant, issue or sale of such Purchase Rights (provided, however, to the extent that the Holder's right to participate in any such Purchase Right would result in the Holder exceeding the Maximum Percentage, then the Holder shall not be entitled to participate in such Purchase Right to such extent (or beneficial ownership of such shares of Common Stock as a result of such Purchase Right to such extent) and such Purchase Right to such extent shall be held in abeyance for the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Maximum Percentage), and provided further, that such Purchase Rights shall be held in abeyance for the benefit of the Holder until such time as the Holder exercises this Warrant (whether in whole or in part), and subject to the foregoing proviso, upon each exercise of this Warrant the Company shall deliver such Purchase Rights to the Holder with respect to each Warrant Share for which this Warrant is so exercised until such time as this Warrant has been exercised in full).

(b) Fundamental Transactions. The Company shall not enter into or be party to a Fundamental Transaction unless the Successor Entity assumes in writing all of the obligations of the Company under this Warrant in accordance with the provisions of this Section 4(b) pursuant to written agreements in form and substance reasonably satisfactory to the Required Holders and approved by the Required Holders prior to such Fundamental Transaction, including agreements confirming the obligations of the Successor Entity as set forth in this paragraph (b) and (c) and elsewhere in this Warrant and an obligation to deliver to the Holder in exchange for this Warrant a security of the Successor Entity evidenced by a written instrument substantially similar in form and substance to this Warrant, including, without limitation, which is exercisable for a corresponding number of shares of capital stock equivalent to the shares of Common Stock acquirable and receivable upon exercise of this Warrant (without regard to any limitations on the exercise of this Warrant) prior to such Fundamental Transaction, and with an exercise price which applies the exercise price hereunder to such shares of capital stock (but taking into

account the relative value of the shares of Common Stock pursuant to such Fundamental Transaction and the value of such shares of capital stock, such adjustments to the number of shares of capital stock and such exercise price being for the purpose of protecting the economic value of this Warrant immediately prior to the consummation of such Fundamental Transaction). Notwithstanding the foregoing, at the election of the Holder upon exercise of this Warrant following a Fundamental Transaction, the Successor Entity shall deliver to the Holder, in lieu of the shares of Common Stock (or other securities, cash, assets or other property (except such items still issuable under Sections 3 and 4(a) above, which shall continue to be receivable thereafter)) issuable upon the exercise of this Warrant prior to the applicable Fundamental Transaction, such shares of common stock (or its equivalent) of the Successor Entity (including its Parent Entity), or other securities, cash, assets or other property, which the Holder would have been entitled to receive upon the happening of the applicable Fundamental Transaction had this Warrant been exercised immediately prior to the applicable Fundamental Transaction (without regard to any limitations on the exercise of this Warrant).

(c) Black Scholes Value — FT. Notwithstanding the foregoing and the provisions of Section 4(b) above, at the request of the Holder delivered at any time commencing on the date of the consummation of any such Fundamental Transaction through the date that is thirty (30) days after the consummation of any such Fundamental Transaction, the Company or the Successor Entity, at the election of the Holder, shall purchase this Warrant from the Holder on the date of such request by paying to the Holder cash in an amount equal to the Black Scholes Value — FT.

(d) Application. The provisions of this Section 4 shall apply similarly and equally to successive Fundamental Transactions and shall be applied as if this Warrant (and any such subsequent warrants issued hereunder) were fully exercisable and without regard to any limitations on the exercise of this Warrant (provided that the Holder shall continue to be entitled to the benefit of the Maximum Percentage, applied however with respect to shares of capital stock registered under the 1934 Act and thereafter receivable upon exercise of this Warrant (or any such other warrant)).

5. NONCIRCUMVENTION. The Company hereby covenants and agrees that the Company will not, by amendment of its Charter (as defined in the Underwriting Agreement), Bylaws (as defined in the Underwriting Agreement) or through any reorganization, transfer of assets, consolidation, merger, scheme of arrangement, dissolution, issue or sale of securities, or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms of this Warrant, and will at all times in good faith carry out all the provisions of this Warrant and take all action as may be required to protect the rights of the Holder. Without limiting the generality of the foregoing, the Company (i) shall not increase the par value of any shares of Common Stock receivable upon the exercise of this Warrant above the Exercise Price then in effect, (ii) shall take all such actions as may be necessary or appropriate in order that the Company may validly and legally issue fully paid and non-assessable shares of Common Stock upon the exercise of this Warrant, and (iii) shall, so long as any of the Purchased Warrants are outstanding, take all action necessary to reserve and keep available out of its authorized and unissued shares of Common Stock, solely for the purpose of effecting the exercise of the Purchased Warrants, the maximum number of shares of Common Stock as shall from time to time be necessary to effect the exercise of the Purchased Warrants then outstanding (without regard to any limitations on exercise).

6. WARRANT HOLDER NOT DEEMED A STOCKHOLDER. Except as otherwise specifically provided herein, the Holder, solely in its capacity as a holder of this Warrant, shall not be entitled to vote or receive dividends or be deemed the holder of share capital of the Company for any purpose, nor shall anything contained in this Warrant be construed to confer upon the Holder, solely in its capacity as the Holder of this Warrant, any of the rights of a stockholder of the Company or any right to vote, give or withhold consent to any corporate action (whether any reorganization, issue of stock, reclassification of stock, consolidation, merger, conveyance or otherwise), receive notice of meetings, receive dividends or subscription rights, or otherwise, prior to the issuance to the Holder of the Warrant Shares which it is then entitled to receive upon the due exercise of this Warrant. In addition, nothing contained in this Warrant shall be construed as imposing any liabilities on the Holder to purchase any securities (upon exercise of this Warrant or otherwise) or as a stockholder of the Company, whether such liabilities are asserted by the Company or by creditors of the Company. Notwithstanding this Section 6, the Company shall provide the Holder with copies of the same notices and other information given to the stockholders of the Company generally, contemporaneously with the giving thereof to the stockholders; provided however, that the Company shall not be obligated to provide such information if it is filed with the SEC through EDGAR and available to the public through the EDGAR system.

7. REISSUANCE OF WARRANTS.

(a) Transfer of Warrant. If this Warrant is to be transferred, the Holder shall surrender this Warrant (or the Book Entry Warrant Certificate) to the Company or the Warrant Agent (or other designated agent), whereupon the Company or the Warrant Agent (or other designated agent) will forthwith issue and deliver upon the order of the Holder a new Warrant (or Book Entry Warrant Certificate) (in accordance with Section 7(d)), registered as the Holder may request, representing the right to purchase the number of Warrant Shares being transferred by the Holder and, if less than the total number of Warrant Shares then underlying this Warrant is being transferred, a new Warrant (or Book Entry Warrant Certificate) (in accordance with Section 7(d)) to the Holder representing the right to purchase the number of Warrant Shares not being transferred.

(b) Lost, Stolen or Mutilated Warrant. Upon receipt by the Company of evidence reasonably satisfactory to the Company of the loss, theft, destruction or mutilation of this Warrant (or the Book Entry Warrant Certificate) (as to which a written certification and the indemnification contemplated below shall suffice as such evidence), and, in the case of loss, theft or destruction, of any indemnification undertaking by the Holder to the Company in customary and reasonable form (including posting a bond) and, in the case of mutilation, upon surrender and cancellation of this Warrant (or the Book Entry Warrant Certificate), the Company shall execute and deliver to the Holder a new Warrant (or Book Entry Warrant Certificate) (in accordance with Section 7(d)) representing the right to purchase the Warrant Shares then underlying this Warrant.

(c) Exchangeable for Multiple Warrants. This Warrant is exchangeable, upon the surrender hereof (or of the Book Entry Warrant Certificate) by the Holder at the principal office of the Company, for a new Warrant or Warrants (or Book Entry Warrant Certificates) (in accordance with Section 7(d)) representing in the aggregate the right to purchase the number of

Warrant Shares then underlying this Warrant, and each such new Warrant (or Book Entry Warrant Certificate) will represent the right to purchase such portion of such Warrant Shares as is designated by the Holder at the time of such surrender; provided, however, no warrants for fractional shares of Common Stock shall be given.

(d) Issuance of New Warrants. Whenever the Company is required to issue a new Warrant (or Book Entry Warrant Certificate) pursuant to the terms of this Warrant, such new Warrant (or Book Entry Warrant Certificate) (i) shall be of like tenor with this Warrant (or Book Entry Warrant Certificate), (ii) shall represent, as indicated on the face of such new Warrant (or Book Entry Warrant Certificate), the right to purchase the Warrant Shares then underlying this Warrant (or in the case of a new Warrant (or Book Entry Warrant Certificate) being issued pursuant to Section 7(a) or Section 7(c), the Warrant Shares designated by the Holder which, when added to the number of shares of Common Stock underlying the other new Warrants (or Book Entry Warrant Certificates) issued in connection with such issuance, does not exceed the number of Warrant Shares then underlying this Warrant), (iii) shall have an issuance date, as indicated on the face of such new Warrant (or Book Entry Warrant Certificate) which is the same as the Issuance Date, and (iv) shall have the same rights and conditions as this Warrant.

8. NOTICES. Whenever notice is required to be given under this Warrant, unless otherwise provided herein, such notice shall be in writing and shall be deemed given (w) the date of transmission, if such notice or communication is delivered via facsimile or email at the number or email address set forth below prior to 5:00 p.m. (New York time) on a Business Day, (x) on the date delivered, if delivered personally, (y) on the first Business Day following the deposit thereof with Federal Express or another recognized overnight courier, if sent by Federal Express or another recognized overnight courier, and (z) on the fourth Business Day following the mailing thereof with postage prepaid, if mailed by registered or certified mail (return receipt requested), in each case to the parties at the following addresses (or at such other address for a party as shall be specified by like notice).

(a) If to the Company, to:

Amedica Corporation
1885 West 2100 South
Salt Lake City, UT 84119
Attention: Chief Legal Officer
Facsimile: (801) 839-3605
email: KOntiveros@amedica.com

(b) If to the Warrant Agent, to:

American Stock Transfer & Trust Company, LLC
6201 15th Avenue
Brooklyn, NY 11219
Attention: Frank Ruggiero – Reorg. Dept.
email: FRuggiero@amstock.com

(c) If to the Holder, to the address of such holder as shown on the Warrant Register. Any notice required to be delivered by the Company to the Holder may be given by the Warrant Agent on behalf of the Company.

The Company shall provide the Holder with prompt written notice of all actions taken pursuant to this Warrant, including in reasonable detail a description of such action and the reason therefor. Without limiting the generality of the foregoing, the Company will give written notice to the Holder (i) as soon as practicable upon each adjustment of the Exercise Price and the number of Warrant Shares, setting forth in reasonable detail, and certifying, the calculation of such adjustment(s) and (ii) at least fifteen (15) days prior to the date on which the Company closes its books or takes a record (A) with respect to any dividend or distribution upon the shares of Common Stock, (B) with respect to any grants, issuances or sales of any Options, Convertible Securities or rights to purchase stock, warrants, securities, indebtedness, or other property pro rata to holders of shares of Common Stock or (C) for determining rights to vote with respect to any Fundamental Transaction, dissolution or liquidation, provided in each case that such information (to the extent it constitutes, or contains, material, non-public information regarding the Company or any of its Subsidiaries shall be made known to the public prior to or in conjunction with such notice being provided to the Holder and (iii) at least ten (10) Trading Days prior to the consummation of any Fundamental Transaction. To the extent that any notice provided hereunder (whether under this Section 8 or otherwise) constitutes, or contains, material, non-public information regarding the Company or any of its Subsidiaries, the Company shall simultaneously file such notice with the SEC pursuant to a Current Report on Form 8-K.

9. AMENDMENT AND WAIVER. Except as otherwise expressly set forth herein, the provisions of this Warrant may be amended only with the written consent of the Company and the Required Holders. Any amendment effected in accordance with this Section 9 shall be binding upon the Holder and the Company, provided that no such amendment shall be effective to the extent that it (1) applies to less than all Purchased Warrants then outstanding, (2) imposes any obligation or liability on the Holder without the Holder's prior written consent (which may be granted or withheld in the Holder's sole discretion) or (3) applies retroactively. Except as otherwise expressly set forth herein, no waiver shall be effective unless it is in writing and signed by an authorized representative of the waiving party, provided that the Required Holders (in a writing signed by all of the Required Holders) may waive any provision of this Warrant, and any waiver of any provision of this Warrant made in conformity with the provisions of this Section 9 shall be binding on the Holder, provided that no such waiver shall be effective to the extent that it (1) applies to less than all Purchased Warrants then outstanding (unless a party gives a waiver as to itself only) or (2) imposes any obligation or liability on the Holder without the Holder's prior written consent (which may be granted or withheld in the Holder's sole discretion). Notwithstanding the foregoing, nothing contained in this Section 9 shall permit any amendment or waiver of any provision of Section 1(f) or the waiver of any Equity Conditions Failure if such failure in any manner resulted from clause (ii) of the definition thereof.

10. SEVERABILITY. If any provision of this Warrant is prohibited by law or otherwise determined to be invalid or unenforceable by a court of competent jurisdiction, the provision that would otherwise be prohibited, invalid or unenforceable shall be deemed amended to apply to the broadest extent that it would be valid and enforceable, and the invalidity or unenforceability of such provision shall not affect the validity of the remaining provisions of this Warrant so long

as this Warrant as so modified continues to express, without material change, the original intentions of the parties as to the subject matter hereof and the prohibited nature, invalidity or unenforceability of the provision(s) in question does not substantially impair the respective expectations or reciprocal obligations of the parties or the practical realization of the benefits that would otherwise be conferred upon the parties. The parties will endeavor in good faith negotiations to replace the prohibited, invalid or unenforceable provision(s) with a valid provision(s), the effect of which comes as close as possible to that of the prohibited, invalid or unenforceable provision(s).

11. **GOVERNING LAW.** This Warrant shall be governed by and construed and enforced in accordance with, and all questions concerning the construction, validity, interpretation and performance of this Warrant shall be governed by, the internal laws of the State of New York, without giving effect to any choice of law or conflict of law provision or rule (whether of the State of New York or any other jurisdictions) that would cause the application of the laws of any jurisdictions other than the State of New York. The Company hereby irrevocably submits to the exclusive jurisdiction of the state and federal courts sitting in The City of New York, Borough of Manhattan, for the adjudication of any dispute hereunder or in connection herewith or with any transaction contemplated hereby or discussed herein, and hereby irrevocably waives, and agrees not to assert in any suit, action or proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such suit, action or proceeding is brought in an inconvenient forum or that the venue of such suit, action or proceeding is improper. Nothing contained herein shall be deemed to limit in any way any right to serve process in any manner permitted by law. Nothing contained herein shall (i) be deemed to operate to preclude the Holder from bringing suit or taking other legal action against the Company in any other jurisdiction to collect on the Company's obligations to the Holder or to enforce a judgment or other court ruling in favor of the Holder or (ii) limit, or be deemed to limit, any provision of Section 13. **THE COMPANY HEREBY IRREVOCABLY WAIVES ANY RIGHT IT MAY HAVE TO, AND AGREES NOT TO REQUEST, A JURY TRIAL FOR THE ADJUDICATION OF ANY DISPUTE HEREUNDER OR IN CONNECTION WITH OR ARISING OUT OF THIS WARRANT OR ANY TRANSACTION CONTEMPLATED HEREBY.**

12. **CONSTRUCTION; HEADINGS.** This Warrant shall be deemed to be jointly drafted by the Company and the Holder and shall not be construed against any Person as the drafter hereof. The headings of this Warrant are for convenience of reference and shall not form part of, or affect the interpretation of, this Warrant.

13. **DISPUTE RESOLUTION.**

(a) Disputes Over the Exercise Price, Exchange Amount, Exchange Price, Closing Sale Price, Bid Price, the Black Scholes Value – FT or Fair Market Value.

(i) In the case of a dispute relating to the Exercise Price, the Exchange Amount, the Exchange Price, the Closing Sale Price, the Closing Bid Price, the Bid Price, the Black Scholes Value – FT or fair market value (as the case may be) (including, without limitation, a dispute relating to the determination of any of the foregoing), the Company or the Required Holders (as the case may be) shall submit the dispute via e-mail

or facsimile (I) within twenty (20) Business Days after delivery of the applicable notice giving rise to such dispute to the Company or the Required Holders (as the case may be) or (II) if no notice gave rise to such dispute, at any time after the Required Holders learned of the circumstances giving rise to such dispute. If the Required Holders and the Company are unable to resolve such dispute relating to the Exercise Price, the Exchange Amount, the Exchange Price, the Closing Sale Price, the Closing Bid Price, the Bid Price, the Black Scholes Value – FT or fair market value (as the case may be) by 5:00 p.m. (New York time) on the third (3rd) Business Day following such delivery by the Company or the Required Holders (as the case may be) of such dispute to the Company or the Required Holders (as the case may be), then the Required Holders shall select an independent, reputable investment bank to resolve such dispute.

(ii) The Required Holders and the Company shall each deliver to such investment bank (x) a copy of the initial dispute submission so delivered in accordance with the first sentence of this Section 13(a) and (y) written documentation supporting its position with respect to such dispute, in each case, no later than 5:00 p.m. (New York time) by the fifth (5th) Business Day immediately following the date on which the Required Holders selected such investment bank (the “**Dispute Submission Deadline**”) (the documents referred to in the immediately preceding clauses (x) and (y) are collectively referred to herein as the “**Required Dispute Documentation**”) (it being understood and agreed that if either the Required Holders or the Company fails to so deliver all of the Required Dispute Documentation by the Dispute Submission Deadline, then the party who fails to so submit all of the Required Dispute Documentation shall no longer be entitled to (and hereby waives its right to) deliver or submit any written documentation or other support to such investment bank with respect to such dispute and such investment bank shall resolve such dispute based solely on the Required Dispute Documentation that was delivered to such investment bank prior to the Dispute Submission Deadline). Unless otherwise agreed to in writing by both the Company and the Required Holders or otherwise requested by such investment bank, neither the Company nor the Required Holders shall be entitled to deliver or submit any written documentation or other support to such investment bank in connection with such dispute (other than the Required Dispute Documentation).

(iii) The Company and the Required Holders shall cause such investment bank to determine the resolution of such dispute and notify the Company and the Required Holders of such resolution no later than ten (10) Business Days immediately following the Dispute Submission Deadline. The fees and expenses of such investment bank shall be borne by the Company (provided that such fees and expenses shall be borne equally by the Company and the Required Holders only if such investment bank’s determination of the disputed Exercise Price, Exchange Amount, Exchange Price, Closing Sale Price, Closing Bid Price, Bid Price, Black Scholes Value – FT or fair market value (as the case may be) was equal to or greater than 98% of the Company’s determination thereof that gave rise to the applicable dispute), and such investment bank’s resolution of such dispute shall be final and binding upon all parties absent manifest error.

(b) Disputes Over Arithmetic Calculation of Warrant Shares.

(i) In the case of a dispute as to the arithmetic calculation of the number of Warrant Shares, the Company or the Required Holders (as the case may be) shall submit the disputed arithmetic calculation via facsimile (i) within twenty (20) Business Days after delivery of the applicable notice giving rise to such dispute to the Company or the Required Holders (as the case may be) or (ii) if no notice gave rise to such dispute, at any time after the Required Holders learned of the circumstances giving rise to such dispute. If the Required Holders and the Company are unable to resolve such disputed arithmetic calculation of the number of Warrant Shares by 5:00 p.m. (New York time) on the third (3rd) Business Day following such delivery by the Company or the Required Holders (as the case may be) of such disputed arithmetic calculation of the number of Warrant Shares to the Company or the Required Holders (as the case may be), then the Required Holders shall select an independent, reputable accountant or accounting firm to perform such disputed arithmetic calculation of the number of Warrant Shares.

(ii) The Required Holders and the Company shall each deliver to such accountant or accounting firm (as the case may be) (x) a copy of the initial dispute submission so delivered in accordance with the first sentence of this Section 13(b) and (y) written documentation supporting its position with respect to such disputed arithmetic calculation of the number of Warrant Shares, in each case, no later than 5:00 p.m. (New York time) by the fifth (5th) Business Day immediately following the date on which the Required Holders selected such accountant or accounting firm (as the case may be) (the “**Submission Deadline**”) (the documents referred to in the immediately preceding clauses (x) and (y) are collectively referred to herein as the “**Required Documentation**”) (it being understood and agreed that if either the Required Holders or the Company fails to so deliver all of the Required Documentation by the Submission Deadline, then the party who fails to so submit all of the Required Documentation shall no longer be entitled to (and hereby waives its right to) deliver or submit any written documentation or other support to such accountant or accounting firm (as the case may be) with respect to such disputed arithmetic calculation of the number of Warrant Shares and such accountant or accounting firm (as the case may be) shall perform such disputed arithmetic calculation of the number of Warrant Shares based solely on the Required Documentation that was delivered to such accountant or accounting firm (as the case may be) prior to the Submission Deadline). Unless otherwise agreed to in writing by both the Company and the Required Holders or otherwise requested by such accountant or accounting firm (as the case may be), neither the Company nor the Required Holders shall be entitled to deliver or submit any written documentation or other support to such accountant or accounting firm (as the case may be) in connection with such disputed arithmetic calculation of the number of Warrant Shares (other than the Required Documentation).

(iii) The Company and the Required Holders shall cause such accountant or accounting firm (as the case may be) to perform such disputed arithmetic calculation and notify the Company and the Required Holders of the results no later than ten (10) Business Days immediately following the Submission Deadline. The fees and expenses of such accountant or accounting firm (as the case may be) shall be borne solely by the Company, and such accountant’s or accounting firm’s (as the case may be) arithmetic calculation shall be final and binding upon all parties absent manifest error.

(c) Miscellaneous. The Company expressly acknowledges and agrees that (i) this Section 13 constitutes an agreement to arbitrate between the Company and the Required Holders (and constitutes an arbitration agreement) under § 7501, et seq. of the New York Civil Practice Law and Rules (“**CPLR**”) and that each party is authorized to apply for an order to compel arbitration pursuant to CPLR § 7503(a) in order to compel compliance with this Section 13, (ii) the terms of this Warrant shall serve as the basis for the selected investment bank’s resolution of the applicable dispute, such investment bank shall be entitled (and is hereby expressly authorized) to make all findings, determinations and the like that such investment bank determines are required to be made by such investment bank in connection with its resolution of such dispute and in resolving such dispute such investment bank shall apply such findings, determinations and the like to the terms of this Warrant, (iii) the terms of this Warrant shall serve as the basis for the selected accountant’s or accounting firm’s performance of the applicable arithmetic calculation of the number of Warrant Shares, (iv) for clarification purposes and without implication that the contrary would otherwise be true, disputes relating to matters described in Section 13(a) shall be governed by Section 13(a) and not by Section 13(b), (v) the Required Holders (and only the Required Holders), in their sole discretion, shall have the right to submit any dispute described in this Section 13 to any state or federal court sitting in The City of New York, Borough of Manhattan in lieu of utilizing the procedures set forth in this Section 13 and (vi) nothing in this Section 13 shall limit the Holder from obtaining any injunctive relief or other equitable remedies (including, without limitation, with respect to any matters described in Section 13(a) or Section 13(b)).

14. REMEDIES, CHARACTERIZATION, OTHER OBLIGATIONS, BREACHES AND INJUNCTIVE RELIEF. The remedies provided in this Warrant shall be cumulative and in addition to all other remedies available under this Warrant, at law or in equity (including a decree of specific performance and/or other injunctive relief), and nothing herein shall limit the right of the Holder to pursue damages for any failure by the Company to comply with the terms of this Warrant. The Company covenants to the Holder that there shall be no characterization concerning this instrument other than as expressly provided herein. Amounts set forth or provided for herein with respect to payments, exercises and the like (and the computation thereof) shall be the amounts to be received by the Holder and shall not, except as expressly provided herein, be subject to any other obligation of the Company (or the performance thereof). The Company acknowledges that a breach by it of its obligations hereunder will cause

irreparable harm to the Holder and that the remedy at law for any such breach may be inadequate. The Company therefore agrees that, in the event of any such breach or threatened breach, the holder of this Warrant shall be entitled, in addition to all other available remedies, to an injunction restraining any breach, without the necessity of showing economic loss and without any bond or other security being required. The Company shall provide all information and documentation to the Holder that is requested by the Holder to enable the Holder to confirm the Company's compliance with the terms and conditions of this Warrant (including, without limitation, compliance with Section 2 hereof). The issuance of shares and certificates for shares as contemplated hereby upon the exercise of this Warrant shall be made without charge to the Holder or such shares for any issuance tax or other costs in respect thereof, provided that the Company shall not be required to pay any tax which may be payable in respect of any transfer involved in the issuance and delivery of any certificate in a name other than the Holder or its agent on its behalf.

15. TRANSFER. This Warrant may be offered for sale, sold, transferred or assigned without the consent of the Company.

16. CERTAIN DEFINITIONS. For purposes of this Warrant, the following terms shall have the following meanings:

(a) "**Bid Price**" means, for any security as of the particular time of determination, the bid price for such security on the Principal Market as reported by Bloomberg as of such time of determination, or, if the Principal Market is not the principal securities exchange or trading market for such security, the bid price of such security on the principal securities exchange or trading market where such security is listed or traded as reported by Bloomberg as of such time of determination, or if the foregoing does not apply, the bid price of such security in the over-the-counter market on the electronic bulletin board for such security as reported by Bloomberg as of such time of determination, or, if no bid price is reported for such security by Bloomberg as of such time of determination, the average of the bid prices of all of the market makers for such security as reported in the "pink sheets" by OTC Markets Group Inc. as of such time of determination. If the Bid Price cannot be calculated for a security as of the particular time of determination on any of the foregoing bases, the Bid Price of such security as of such time of determination shall be the fair market value as mutually determined by the Company and the Required Holders. If the Company and the Required Holders are unable to agree upon the fair market value of such security, then such dispute shall be resolved in accordance with the procedures in Section 13. All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination or other similar transaction during such period.

(b) "**Black Scholes Value**" means the Black Scholes value of an option for one share of Common Stock at the date of the applicable Cashless Exercise, as such Black Scholes value is determined, calculated using the Black Scholes Option Pricing Model obtained from the "OV" function on Bloomberg utilizing (i) an underlying price per share equal to the Closing Bid Price of the Common Stock as of Trading Day immediately preceding the Issuance Date (adjusted to the same extent that the Exercise Price hereunder has been adjusted pursuant to Section 2(a) hereof), (ii) a risk-free interest rate corresponding to the U.S. Treasury rate for a period equal to the remaining term of the Warrant as of the applicable Cashless Exercise, (iii) a strike price equal to the Exercise Price in effect at the time of the applicable Cashless Exercise, (iv) an expected volatility equal to 135% and (v) a remaining term of such option equal to five (5) years (regardless of the actual remaining term of the Warrant).

(c) “**Black Scholes Value — FT**” means the value of the unexercised portion of this Warrant remaining on the date of the Holder’s request pursuant to Section 4(c), which value is calculated using the Black Scholes Option Pricing Model obtained from the “OV” function on Bloomberg utilizing (i) an underlying price per share equal to the greater of (1) the highest Closing Sale Price of the Common Stock during the period beginning on the Trading Day immediately preceding the earliest to occur of (x) the public disclosure of the applicable Fundamental Transaction, (y) the consummation of the applicable Fundamental Transaction and (z) the date on which the Holder first became aware of the applicable Fundamental Transaction and ending on the Trading Day of the Holder’s request pursuant to Section 4(c) and (2) the sum of the price per share being offered in cash in the applicable Fundamental Transaction (if any) plus the value of the non-cash consideration being offered in the applicable Fundamental Transaction (if any), (ii) a strike price equal to the Exercise Price in effect on the date of the Holder’s request pursuant to Section 4(c), (iii) a risk-free interest rate corresponding to the U.S. Treasury rate for a period equal to the greater of (1) the remaining term of this Warrant as of the date of the Holder’s request pursuant to Section 4(c) and (2) the remaining term of this Warrant as of the date of consummation of the applicable Fundamental Transaction and (iv) an expected volatility equal to the greater of 135% and the 100 day volatility obtained from the HVT function on Bloomberg (determined utilizing a 365 day annualization factor) as of the Trading Day immediately following the earliest to occur of (x) the public disclosure of the applicable Fundamental Transaction, (y) the consummation of the applicable Fundamental Transaction and (z) the date on which the Holder first became aware of the applicable Fundamental Transaction.

(d) “**Bloomberg**” means Bloomberg, L.P.

(e) “**Business Day**” means any day other than Saturday, Sunday or other day on which commercial banks in The City of New York are authorized or required by law to remain closed.

(f) “**Closing Bid Price**” and “**Closing Sale Price**” means, for any security as of any date, the last closing bid price and the last closing trade price, respectively, for such security on the Principal Market, as reported by Bloomberg, or, if the Principal Market begins to operate on an extended hours basis and does not designate the closing bid price or the closing trade price (as the case may be) then the last bid price or last trade price, respectively, of such security prior to 4:00:00 p.m., New York time, as reported by Bloomberg, or, if the Principal Market is not the principal securities exchange or trading market for such security, the last closing bid price or last trade price, respectively, of such security on the principal securities exchange or trading market where such security is listed or traded as reported by Bloomberg, or if the foregoing do not apply, the average of the bid prices, or the ask prices, respectively, of all of the market makers for such security as reported in the “pink sheets” by OTC Markets Group, Inc. If the Closing Bid Price or the Closing Sale Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Closing Bid Price or the Closing Sale Price (as the case may be) of such security on such date shall be the fair market value as mutually determined by the Company and the Required Holders. If the Company and the Required Holders are unable to agree upon the fair market value of such security, then such dispute shall be resolved in accordance with the procedures in Section 13. All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination or other similar transaction during such period.

(g) “**Common Stock**” means (i) the Company’s shares of common stock, \$0.01 par value per share, and (ii) any capital stock into which such common stock shall have been changed or any share capital resulting from a reclassification of such common stock.

(h) “**Convertible Securities**” means any stock, note, debenture or other security (other than Options) that is, or may become, at any time and under any circumstances, directly or indirectly, convertible into, exercisable or exchangeable for, or which otherwise entitles the holder thereof to acquire, any shares of Common Stock.

(i) “**Eligible Market**” means the NYSE MKT, the New York Stock Exchange, the Nasdaq Global Select Market, the Nasdaq Global Market, the Principal Market, the OTCBB, the OTCQX or the OTCQB (or any successor to any of the foregoing).

(j) “**Equity Conditions**” means: (i) the Company shall have complied in all material respects with all applicable securities laws and regulations and all rules and regulations of the Eligible Markets in respect of the offer, sale and issuance of the Securities, (ii) the Common Stock (including all shares of Common Stock to be received by Holder) shall be listed or designated for quotation (as applicable) on an Eligible Market and no Trading Market Event (or event which with notice or passage of time would be a Trading Market Event) has occurred, nor shall delisting or suspension by any Eligible Market be pending or threatened, unless upon the occurrence of such Trading Market Event, delisting or suspension, the Common Stock would be eligible for listing or for quotation (as applicable) on another Eligible Market, (iii) the Company shall be in compliance in all material respects with all of its obligations under this Warrant, (iv) each of the Registration Statement (as defined in the Underwriting Agreement) and the prospectus contained therein shall be effective and fully available for use with respect to the issuance of all of the Securities, including, without limitation, any Warrant Shares issued pursuant to a cash exercise hereof, (v) all Warrant Shares (including any Warrant Shares to be received upon exercise or exchange of this Warrant and including any Warrant Shares to be issued in a cash exercise, but taking into account the limitations of Section 1(f)) shall be then (or upon such issuance (as the case may be)) freely tradable by the Holder without restriction of any kind or nature (and the Company shall have no knowledge of any fact which would reasonably be expected to negate the foregoing in the foreseeable future), (vi) no limitation shall be applicable with respect to the issuance of any Warrant Shares hereunder (other than under Section 1(f)), and (vii) the Company is fully reporting under the 1934 Act and Rule 144 (as defined in the Underwriting Agreement). For purposes hereof, a “**Trading Market Event**” shall mean if the Company or the Common Stock or any shares of Common Stock issued or issuable hereunder shall cease or fail to be listed for trading or quoted on any Eligible Market or shall fall below any dollar threshold for listing or qualification or the Company shall then not be in compliance with any applicable listing or qualification standard (or will be with the passage of time).

(k) “**Equity Conditions Failure**” means that on any applicable date of determination, any of the Equity Conditions have not been satisfied.

(l) “**Expiration Date**” means the date that is the fifth (5th) anniversary of the Issuance Date or, if such date falls on a day other than a Business Day or on which trading does not take place on the Principal Market (a “**Holiday**”), the next date that is not a Holiday.

(m) “**Fundamental Transaction**” means that (i) the Company or any of its Subsidiaries shall, directly or indirectly, in one or more related transactions, (1) consolidate or merge with or into (whether or not the Company or any of its Subsidiaries is the surviving corporation) any other Person unless the shareholders of the Company immediately prior to such consolidation or merger continue to hold more than 50% of the outstanding shares of Voting Stock after such consolidation or merger, or (2) sell, lease, license, assign, transfer, convey or otherwise dispose of all or substantially all of its respective properties or assets to any other Person, or (3) allow any other Person to make a purchase, tender or exchange offer that is accepted by the holders of more than 50% of the outstanding shares of Voting Stock of the Company (not including any shares of Voting Stock of the Company held by the Person or Persons making or party to, or associated or affiliated with the Persons making or party to, such purchase, tender or exchange offer), or (4) consummate a stock or share purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with any other Person whereby such other Person acquires more than 50% of the outstanding shares of Voting Stock of the Company (not including any shares of Voting Stock of the Company held by the other Person or other Persons making or party to, or associated or affiliated with the other Persons making or party to, such stock or share purchase agreement or other business combination), or (ii) any “person” or “group” (as these terms are used for purposes of Sections 13(d) and 14(d) of the 1934 Act and the rules and regulations promulgated thereunder) is or shall become the “beneficial owner” (as defined in Rule 13d-3 under the 1934 Act), directly or indirectly, of 50% of the aggregate ordinary voting power represented by issued and outstanding Voting Stock of the Company.

(n) “**Options**” means any rights, warrants or options to subscribe for or purchase shares of Common Stock or Convertible Securities.

(o) “**Parent Entity**” of a Person means an entity that, directly or indirectly, controls the applicable Person and whose common stock or equivalent equity security is quoted or listed on an Eligible Market, or, if there is more than one such Person or Parent Entity, the Person or Parent Entity with the largest public market capitalization as of the date of consummation of the Fundamental Transaction.

(p) “**Person**” means an individual, a limited liability company, a partnership, a joint venture, a corporation, a trust, an unincorporated organization, any other entity or a government or any department or agency thereof.

(q) “**Principal Market**” means the Nasdaq Capital Market.

(r) “**Required Holders**” means, collectively, as of a particular time of determination, (as applicable) holders of Purchased Warrants then exercisable for an aggregate number of shares of Common Stock equal to at least 66.7% of the number of shares of Common Stock issuable upon exercise of all Purchased Warrants outstanding as of such time of determination (disregarding all limitations on exercise set forth in the Purchased Warrants).

(s) “**Successor Entity**” means the Person (or, if so elected by the Holder, the Parent Entity) formed by, resulting from or surviving any Fundamental Transaction or the Person (or, if so elected by the Holder, the Parent Entity) with which such Fundamental Transaction shall have been entered into.

(t) “**Trading Day**” means, as applicable, (x) with respect to all price determinations relating to the Common Stock, any day on which the Common Stock is traded on the Principal Market, or, if the Principal Market is not the principal trading market for the Common Stock, then on the principal securities exchange or securities market on which the Common Stock is then traded, provided that “Trading Day” shall not include any day on which the Common Stock is scheduled to trade on such exchange or market for less than 4.5 hours or any day that the Common Stock is suspended from trading during the final hour of trading on such exchange or market (or if such exchange or market does not designate in advance the closing time of trading on such exchange or market, then during the hour ending at 4:00:00 p.m., New York time) unless such day is otherwise designated as a Trading Day in writing by the Holder or (y) with respect to all determinations other than price determinations relating to the Common Stock, any day on which The New York Stock Exchange (or any successor thereto) is open for trading of securities.

(u) “**Voting Stock**” of a Person means capital stock of such Person of the class or classes pursuant to which the holders thereof have the general voting power to elect, or the general power to appoint, at least a majority of the board of directors, managers or trustees of such Person (irrespective of whether or not at the time capital stock of any other class or classes shall have or might have voting power by reason of the happening of any contingency).

[signature page follows]

IN WITNESS WHEREOF, the Company has caused this Warrant to Purchase Common Stock to be duly executed as of the Issuance Date set out above.

AMEDICA CORPORATION

By: _____

Name:

Title:

[Signature Page to Warrant to Purchase Common Stock]

WIRE INSTRUCTIONS FOR CASH EXERCISE

JP MORGAN CHASE BANK

ABA # 021 000 021

ACCT # 530-354616

ACCT NAME: AMERICAN STOCK TRANSFER & TRUST CO
AS AGENT FOR AMEDICA CORPORATION

EXERCISE NOTICE

TO BE EXECUTED BY THE REGISTERED HOLDER TO EXERCISE THIS
WARRANT TO PURCHASE COMMON STOCK

AMEDICA CORPORATION

The undersigned holder hereby exercises the right to purchase _____ of the shares of Common Stock (“**Warrant Shares**”) of Amedica Corporation, a company incorporated under the laws of the Delaware (the “**Company**”), evidenced by Warrant to Purchase Common Stock No. _____ (the “**Warrant**”). Capitalized terms used herein and not otherwise defined shall have the respective meanings set forth in the Warrant.

1. Form of Exercise Price. The Holder intends that payment of the Exercise Price shall be made as:

- a “Cash Exercise” with respect to _____ Warrant Shares; and/or
- a “Cashless Exercise” with respect to _____ Warrant Shares.

In the event of a “Cash Exercise”, this Exercise Notice and the Aggregate Exercise Price shall be delivered to the Warrant Agent. In the event of a “Cashless Exercise”, this Exercise Notice shall be delivered to the Company.

In the event that the Holder has elected a Cashless Exercise with respect to some or all of the Warrant Shares, the Holder represents and warrants that the Exchange Amount is \$ _____ and, if the Company is permitted to elect to issue shares of Common Stock, shares of Common Stock are to be delivered to Holder as the Net Number pursuant to such Cashless Exercise, as further specified in Annex A to this Exercise Notice.

2. Payment of Exercise Price. In the event that the Holder has elected a Cash Exercise with respect to some or all of the Warrant Shares, the Holder shall pay the Aggregate Exercise Price in the sum of \$ _____ to the Warrant Agent in accordance with the terms of the Warrant.

3. Delivery of Warrant Shares and Net Number of shares of Common Stock. The Company shall cause the Warrant Agent to deliver to Holder, or its designee or agent as specified below, _____ shares of Common Stock in respect of the exercise contemplated hereby. Delivery shall be made to Holder, or for its benefit, to the following address:

Date: _____ , _____

Name of Registered Holder

By: _____

Name:

Title:

Account Number: _____
(if electronic book entry transfer)

Transaction Code Number: _____
(if electronic book entry transfer)

CASHLESS EXERCISE EXCHANGE CALCULATION

**TO BE FILLED IN BY THE REGISTERED HOLDER TO EXCHANGE THIS
WARRANT TO PURCHASE COMMON STOCK FOR COMMON STOCK IN A CASHLESS
EXERCISE PURSUANT TO SECTION 1(d) OF THE WARRANT**

Capitalized terms used herein and not otherwise defined shall have the respective meanings set forth in the Warrant.

Net Number = $(A \times B)/C$ = _____ shares of Common Stock

For purposes of the foregoing formula:

A= the total number of shares with respect to which this Warrant is then being exercised = _____ .

B= Black Scholes Value = _____ .

C= the Closing Bid Price of the Common Stock as of two (2) Trading Days prior to the time of such exercise = _____ .

Date: _____ ,

Name of Registered Holder

By: _____

Name:

Title:

ACKNOWLEDGMENT

The Company hereby acknowledges this Exercise Notice and hereby directs American Stock Transfer & Trust Company, LLC to issue the above indicated number of shares of Common Stock.

AMEDICA CORPORATION

By: _____
Name:
Title:

November 19, 2014

Amedica Corporation
1885 West 2100 South
Salt lake City, Utah 84119

Ladies and Gentlemen:

We have acted as legal counsel to Amedica Corporation, a Delaware corporation (the “**Company**”), in connection with the preparation and filing with the Securities and Exchange Commission (the “**Commission**”) of a Registration Statement (No. 333-199753) on Form S-1, as amended (the “**Registration Statement**”), pursuant to which the Company is registering the offering for sale (the “**Offering**”) under the Securities Act of 1933, as amended (the “**Securities Act**”), of:

- (i) units having a maximum aggregate offering price of \$15,000,000 (the “**Public Offering Units**”) consisting of (a) shares (the “**Public Offering Shares**”) of the Company’s common stock, par value \$0.01 per share (the “**Common Stock**”), and (b) warrants to purchase shares of Common Stock (the “**Public Offering Warrants**”), with the Common Stock underlying the Public Offering Warrants having a maximum aggregate offering price of \$78,000,000; and
- (ii) Unit Purchase Options to be issued to the representative of the underwriters in the Offering to purchase units (the “**Representative’s Units**”, together with the Public Offering Units, the “**Units**”) consisting of (a) shares of Common Stock (the “**Representative’s Shares**” and, together with the Public Offering Shares, the “**Shares**”) having a maximum aggregate offering price of \$937,500 and (b) warrants to purchase shares of Common Stock (the “**Representative’s Warrants**” and, together with the Public Offering Warrants, the “**Warrants**”), with the Common Stock underlying the Representative’s Warrants having a maximum aggregate offering price of \$3,900,000.

Each Unit consists of one Share and one Warrant. The shares of Common Stock issuable upon exercise of the Warrants shall be referred to herein as the “**Warrant Shares**.” The Units, Shares, Unit Purchase Options, Warrants and Warrant Shares are, collectively, referred to herein as the “**Securities**.”

Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.

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The Securities are to be sold by the Company pursuant to an underwriting agreement (the “**Underwriting Agreement**”) to be entered into between the Company and the underwriters to be named therein. The form of the Underwriting Agreement has been filed as Exhibit 1.1 to the Registration Statement. This opinion is being rendered in connection with the filing of the Registration Statement with the Commission. All capitalized terms used herein and not otherwise defined shall have the respective meanings given to them in the Underwriting Agreement.

In connection with this opinion, we have examined the Company’s Restated Certificate of Incorporation and Restated Bylaws, each as currently in effect, and the form of the Underwriting Agreement; such other records of the corporate proceedings of the Company and certificates of the Company’s officers as we have deemed relevant; and the Registration Statement and the exhibits thereto.

In our examination, we have assumed the genuineness of all signatures, the legal capacity of natural persons, the authenticity of all documents submitted to us as originals, the conformity to original documents of all documents submitted to us as certified or photostatic copies and the authenticity of the originals of such copies.

Our opinion is limited to the General Corporation Law of the State of Delaware and the state laws of the State of New York and we express no opinion with respect to the laws of any other jurisdiction. No opinion is expressed herein with respect to the qualification of the Securities under the securities or blue sky laws of any state or any foreign jurisdiction.

Please note that we are opining only as to the matters expressly set forth herein, and no opinion should be inferred as to any other matters. This opinion is based upon currently existing statutes, rules, regulations and judicial decisions, and we disclaim any obligation to advise you of any change in any of these sources of law or subsequent legal or factual developments which might affect any matters or opinions set forth herein.

Based upon the foregoing, we are of the opinion that (i) the Public Offering Units, when issued and delivered by the Company in accordance with the Underwriting Agreement, will be validly issued, fully paid and non-assessable, (ii) the Public Offering Shares, when issued and delivered by the Company in accordance with the Underwriting Agreement, will be validly issued, fully paid and non-assessable, (iii) the Public Offering Warrants, when issued and delivered by the Company in accordance with the Underwriting Agreement, will constitute binding obligations of the Company in accordance with their terms, (iv) the Unit Purchase Options, when issued and delivered by the Company in accordance with the Underwriting Agreement, will constitute binding obligations of the Company in accordance with their terms, (v) the Representative’s Units, when issued and delivered by the Company in accordance with the Unit Purchase Options, will constitute a binding obligation of the Company in accordance with its terms, (vi) the Representative’s Shares, when issued and delivered by the Company in accordance with the terms and conditions of the Unit Purchase Options, will be validly issued, fully paid and non-assessable, (vii) the Representative’s Warrants, when issued and delivered by

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the Company in accordance with the terms and conditions of the Unit Purchase Options, will constitute binding obligations of the Company in accordance with their terms, and (viii) the Warrant Shares, when issued and delivered by the Company in accordance with the terms and conditions of the Warrants, will be validly issued, fully paid and non-assessable.

We understand that you wish to file this opinion with the Commission as an exhibit to the Registration Statement in accordance with the requirements of Item 601(b)(5) of Regulation S-K promulgated under the Securities Act and to reference the firm's name under the caption "Legal Matters" in the prospectus which forms part of the Registration Statement, and we hereby consent thereto. In giving this consent, we do not admit that we are within the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations of the Commission promulgated thereunder.

Very truly yours,

/s/ Mintz, Levin, Cohn, Ferris,
Glovsky and Popeo, P.C.

Mintz, Levin, Cohn, Ferris,
Glovsky and Popeo, P.C.