

**PROSPECTUS SUPPLEMENT NO. 22**

DATED June 1, 2015 (To Prospectus Dated August 7, 2014)

**AMEDICA CORPORATION**

2,326,409 Shares of Common Stock

This Prospectus Supplement No. 22, dated June 1, 2015 (“Supplement No. 22”), filed by Amedica Corporation (the “Company”), modifies and supplements certain information contained in the Company’s prospectus, dated August 7, 2014 (as amended and supplemented from time to time, the “Prospectus”). This Supplement No. 22 is not complete without, and may not be delivered or used except in connection with, the Prospectus, including all amendments and supplements thereto. The Prospectus relates to the sale of up to 2,326,409 shares of our common stock by MG Partners II Ltd., or the Selling Stockholder, consisting of:

- 1,706,667 shares issued or issuable upon conversion of an aggregate principal amount of \$6.4 million of our senior convertible notes, including accrued interest, subject to adjustment;
- 50,853 shares issued to the Selling Stockholder in connection with a securities purchase agreement dated June 30, 2014; and
- 568,889 shares issued or issuable to the Selling Stockholder upon exercise of warrants at an exercise price of \$4.65 per share, subject to adjustment pursuant to the terms of the warrant.

This Supplement No. 22 incorporates into our prospectus the information contained in our attached Current Report on Form 8-K, which was filed with the Securities and Exchange Commission on June 1, 2015.

We may further amend or supplement the Prospectus from time to time by filing additional amendments or supplements as required. This prospectus supplement is qualified by reference to the Prospectus except to the extent that the information in this prospectus supplement supersedes the information contained in the Prospectus. You should read the entire Prospectus and any amendments or supplements carefully before you make an investment decision.

**THESE SECURITIES ARE SPECULATIVE AND INVOLVE A HIGH DEGREE OF RISK AND SHOULD BE CONSIDERED ONLY BY PERSONS WHO CAN AFFORD THE LOSS OF THEIR ENTIRE INVESTMENT. PLEASE REFER TO “RISK FACTORS” BEGINNING ON PAGE 8 OF THE ORIGINAL PROSPECTUS.**

**The Securities and Exchange Commission and state securities regulators have not approved or disapproved these securities or determined if the Prospectus, or any of the supplements or amendments relating thereto, is truthful or complete. Any representation to the contrary is a criminal offense.**

The date of this Supplement No. 22 is June 1, 2015

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

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**FORM 8-K**

**CURRENT REPORT**  
**Pursuant to Section 13 or 15(d) of the**  
**Securities Exchange Act of 1934**

Date of report (Date of earliest event reported): June 1, 2015

**Amedica Corporation**  
(Exact name of registrant as specified in its charter)

**Delaware**  
(State or other jurisdiction  
of incorporation)

**001-33624**  
(Commission  
File Number)

**84-1375299**  
(IRS Employer  
Identification No.)

**1885 West 2100 South**  
**Salt Lake City, UT**  
(Address of principal executive offices)

**84119**  
(Zip Code)

Registrant's telephone number, including area code: **(801) 839-3500**

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 8.01 Other Events**

On November 26, 2014, Amedica Corporation (“Amedica” or the “Company”) completed a secondary offering in which the Company sold and issued 11,441,646 units. Each unit was issued at a price of \$1.14 and consisted of one share of common stock and one common stock warrant (“Secondary Offering Warrant”). The Company issued an additional 1,716,246 Secondary Offering Warrants pursuant to the exercise of the underwriters’ over-allotment option, resulting in the issuance of a total of 13,157,892 Secondary Offering Warrants in the offering.

As of the date of this report 11,742,569 of the Secondary Offering Warrants had been exercised via a cashless exercise provision in the warrant resulting in the issuance of 34,951,816 shares of the Company’s common stock. The remaining Secondary Offering Warrants outstanding as of the date of this report are 1,415,323. As of the date of this report, there are 62,467,441 shares of common stock outstanding.

**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

AMEDICA CORPORATION

Date: June 1, 2015

/s/ Ty Lombardi

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Ty Lombardi  
Vice President, Finance and Principle Accounting Officer