
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549**

FORM 8-K

**CURRENT REPORT
PURSUANT TO SECTION 13 OR 15(D) OF THE
SECURITIES EXCHANGE ACT OF 1934**

May 8, 2015

Date of Report (Date of earliest event reported)

**BOVIE MEDICAL
CORPORATION**

(Exact name of registrant as specified in its Charter)

<u>Delaware</u>	<u>012183</u>	<u>11-2644611</u>
(State or other jurisdiction of incorporation)	(Commission File Number)	(IRS Employer Identification No.)

**4 Manhattanville Road, Suite 106
Purchase, New York 10577**
(Address of principal executive offices) (Zip Code)

(914) 468-4009
Registrant's telephone number, including area code

(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))

Item 2.02 Results of Operations and Financial Condition

On May 8, 2015, Bovie Medical Corporation (the “Company”) issued a press release reporting on its results of operations for the first quarter ended March 31, 2015. A copy of that press release is attached hereto as Exhibit 99.1 and incorporated by reference herein.

Item 9.01 Financial Statements and Exhibits

(d)

Exhibit No.	Description
99.1	Press release dated May 8, 2015.

SIGNATURES

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.

BOVIE MEDICAL CORPORATION

Date: May 8, 2015

By: /s/ Robert Gershon
Robert Gershon
Chief Executive Officer