

BOVIE MEDICAL CORP  
Form SC 13G/A  
February 17, 2015  
**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

**Schedule 13G/A**

**Under the Securities Exchange Act of 1934**

**(Amendment No. 1)\***

Bovie Medical Corporation

(Name of Issuer)

Common Stock

(Title of Class of Securities)

10211F100

(CUSIP Number)

December 31, 2014

(Date of Event which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

Rule 13d-1(b)

Rule 13d-1(c)

oRule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

CUSIP No. 10211F100

13G/A

Page 2 of 10  
Pages

**NAMES OF  
REPORTING  
PERSONS**

Great Point Partners,  
LLC

1. I.R.S.  
IDENTIFICATION  
NO. OF ABOVE  
PERSON  
(ENTITIES ONLY):

37-1475292

**CHECK THE  
APPROPRIATE  
2. BOX IF A  
MEMBER OF A  
GROUP**

(a)

(b)

**3. SEC USE ONLY**

**CITIZENSHIP OR  
PLACE OF  
4. ORGANIZATION**

USA

**SOLE VOTING POWER**

5.

0

**NUMBER OF SHARES**

**SHARED VOTING POWER**

**BENEFICIALLY**

6.

**OWNED BY EACH**

1,991,588<sup>1</sup>

**REPORTING PERSON**

**7. SOLE DISPOSITIVE POWER**

**WITH**

0

**SHARED DISPOSITIVE POWER**

**8.**

1,991,588<sup>1</sup>

**AGGREGATE  
AMOUNT  
BENEFICIALLY**

**9. OWNED BY  
EACH  
REPORTING  
PERSON**

1,991,588<sup>1</sup>

**CHECK  
BOX IF  
THE  
AGGREGATE  
AMOUNT**

**10. IN ROW (9)**

**EXCLUDES  
CERTAIN  
SHARES**

(See  
Instructions)

**PERCENT OF  
CLASS  
11. REPRESENTED  
BY AMOUNT IN  
ROW (9)**

9.985%<sup>1,2</sup>

**TYPE OF  
REPORTING  
12. PERSON (See**

Instructions)

IA

<sup>1</sup>Consists of (i) 1,979,588 shares issuable upon conversion of Series A 6% preferred stock collectively owned by each of Biomedical Value Fund, LP (“BVF”), Biomedical Offshore Value Fund, Ltd. (“BOVF”), Biomedical Institutional Value Fund, LP (“BIVF”), Class D Series of GEF-PS, LP (“GEF-PS”) and WS Investments II, LLC (“WS”), and (ii)

12,000 shares issuable upon exercise of stock options held by Ian Sheffield, as director nominee of BVF, BOVF, BIVF, GEF-PS and WS. Does not include: (i) Series A 6% preferred stock convertible into 1,520,412 shares, collectively owned by each of BVF, BOVF, BIVF, GEF-PS, WS, and (ii) warrants to purchase 5,250,000 shares, collectively held by each of BVF, BOVF, BIVF, GEF-PS and WS. The provisions of such preferred stock and warrants restrict the conversion and exercise of such preferred stock and warrants to the extent that, after giving effect to such conversion or exercise, the holder of the preferred stock and warrants and its affiliates and any other person or entities with which such holder would constitute a group would beneficially own in excess of 9.985% of the number of shares of Common Stock of the Issuer outstanding immediately after giving effect to such conversion or exercise (the "Ownership Cap"). Therefore, the reporting persons could be deemed to beneficially own such number of shares underlying such preferred stock and warrants as would result in total beneficial ownership by such reporting persons up to the Ownership Cap.

<sup>2</sup>Based on a total of 17,954,214 shares outstanding, as reported by the Issuer on a Form 10-Q filed with the SEC on November 14, 2014.

CUSIP No. 10211F100 **13G/A** Page 3 of 10  
Pages

**NAMES OF  
REPORTING  
PERSONS**

Dr. Jeffrey R. Jay,  
M.D.

**1.** I.R.S.  
IDENTIFICATION  
NO. OF ABOVE  
PERSON  
(ENTITIES ONLY):

**CHECK THE  
APPROPRIATE  
2. BOX IF A  
MEMBER OF A  
GROUP**

(a)

(b)

**3. SEC USE ONLY**

**CITIZENSHIP OR  
PLACE OF  
4. ORGANIZATION**

USA

**SOLE VOTING POWER**

**5.**

0

**NUMBER OF SHARES**

**SHARED VOTING POWER**

**BENEFICIALLY**

**6.**

**OWNED BY EACH**

1,991,588<sup>1</sup>

**REPORTING PERSON**

**7. SOLE DISPOSITIVE POWER**

**WITH**

0

**SHARED DISPOSITIVE POWER**

**8.**

1,991,588<sup>1</sup>

**AGGREGATE  
AMOUNT  
BENEFICIALLY  
9. OWNED BY  
EACH  
REPORTING  
PERSON**  
1,991,588<sup>1</sup>

**CHECK  
BOX IF  
THE  
AGGREGATE  
AMOUNT  
10. IN ROW (9)**   
**EXCLUDES  
CERTAIN  
SHARES**  
(See  
Instructions)

**PERCENT OF  
CLASS  
11. REPRESENTED  
BY AMOUNT IN  
ROW (9)**  
9.985%<sup>1,2</sup>

**TYPE OF  
REPORTING  
12. PERSON (See  
Instructions)**  
IN

CUSIP No. 10211F100

13G/A

Page 4 of 10  
Pages

**NAMES OF  
REPORTING  
PERSONS**

Mr. David Kroin

**1. I.R.S.  
IDENTIFICATION  
NO. OF ABOVE  
PERSON  
(ENTITIES ONLY):**

**CHECK THE  
APPROPRIATE  
2. BOX IF A  
MEMBER OF A  
GROUP**

(a)

(b)

**3. SEC USE ONLY**

**CITIZENSHIP OR  
PLACE OF  
4. ORGANIZATION**

USA

**SOLE VOTING POWER**

**5.**

0

**NUMBER OF SHARES**

**SHARED VOTING POWER**

**BENEFICIALLY**

**6.**

**OWNED BY EACH**

1,991,588<sup>1</sup>

**REPORTING PERSON**

**7. SOLE DISPOSITIVE POWER**

**WITH**



0

**SHARED DISPOSITIVE POWER**

**8.**

1,991,588<sup>1</sup>

**AGGREGATE  
AMOUNT  
BENEFICIALLY  
9. OWNED BY  
EACH  
REPORTING  
PERSON**  
1,991,588<sup>1</sup>

**CHECK  
BOX IF  
THE  
AGGREGATE  
AMOUNT  
10. IN ROW (9)**   
**EXCLUDES  
CERTAIN  
SHARES**  
(See  
Instructions)

**PERCENT OF  
CLASS  
11. REPRESENTED  
BY AMOUNT IN  
ROW (9)**  
9.985%<sup>1,2</sup>

**TYPE OF  
REPORTING  
12. PERSON (See  
Instructions)**  
IN

CUSIP No. 10211F100    **13G/A**    Page 5 of 10  
Pages

**Item 1.**

(a) Name of Issuer

Bovie Medical Corporation

(b) Address of Issuer's Principal Executive Offices

734 Walt Whitman Road, Melville, NY 11747

**Item 2.**

(a) Name of Person Filing

Great Point Partners, LLC  
Dr. Jeffrey R. Jay, M.D.  
Mr. David Kroin

The Reporting Persons have entered into a Joint Filing Agreement, dated February 17, 2015, a copy of which is filed with this Schedule 13G/A as Exhibit A, pursuant to which the Reporting Persons have agreed to file this statement jointly in accordance with the provisions of Rule 13d-1(k)(1) under the Act.

(b) Address of Principal Business Office, or if none, Residence

The address of the principal business office of each of the Reporting Persons is

165 Mason Street, 3rd Floor  
Greenwich, CT 06830

(c) Citizenship

Great Point Partners, LLC is a limited liability company organized under the laws of the State of Delaware. Dr. Jeffrey R. Jay, M.D. is a citizen of the United States. Mr. David Kroin is a citizen of the United States.

(d) Title of Class of Securities

Common Stock

(e) CUSIP Number

10211F100

**Item 3.** If this statement is filed pursuant to §240.13d-1(b) or 240.13d.2(b) or (c), check whether the person filing is a:

Not Applicable.

- (a) o Broker or dealer registered under Section 15 of the Act (15 U.S.C. 78o)
- (b) o Bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c).
- (c) o Insurance company as defined in Section 3(a)(19) of the Act (15. U.S.C. 78c).
- (d) o Investment Company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
- (e) o An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E).

CUSIP No. 10211F100    **13G/A**    Page 6 of 10  
 Pages

- (f) o An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F).
- (g) o A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G).
- (h) o A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813).
- (i) o A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3).
- (j) o Group, in accordance with §240.13d-1(b)(1)(ii)(J).

#### **Item 4. Ownership**

Biomedical Value Fund, L.P. (“BVF”) is the record owner of Series A 6% preferred stock convertible into 1,653,534 shares of Common Stock (the “BVF Shares”). Great Point Partners, LLC (“Great Point”) is the investment manager of BVF, and by virtue of such status may be deemed to be the beneficial owner of the BVF Shares. Each of Dr. Jeffrey R. Jay, M.D. (“Dr. Jay”), as senior managing member of Great Point, and Mr. David Kroin (“Mr. Kroin”), as special managing member of Great Point, has voting and investment power with respect to the BVF Shares, and therefore may be deemed to be the beneficial owner of the BVF Shares. In addition, BVF is the record owner of warrants to purchase 2,480,301 shares.

Biomedical Offshore Value Fund, Ltd. (“BOVF”) is the record owner of Series A 6% preferred stock convertible into 925,026 shares of Common Stock (the “BOVF Shares”). Great Point is the investment manager of BOVF, and by virtue of such status may be deemed to be the beneficial owner of the BOVF Shares. Each of Dr. Jay, as senior managing member of Great Point, and Mr. Kroin, as special managing member of Great Point, has voting and investment power with respect to the BOVF Shares, and therefore may be deemed to be the beneficial owner of the BOVF Shares. In addition, BOVF is the record owner of warrants to purchase 1,387,539 shares.

Biomedical Institutional Value Fund, L.P. (“BIVF”) is the record owner of Series A 6% preferred stock convertible into 425,237 shares of Common Stock (the “BIVF Shares”). Great Point is the investment manager of BIVF, and by virtue of such status may be deemed to be the beneficial owner of the BIVF Shares. Each of Dr. Jay, as senior managing member of Great Point, and Mr. Kroin, as special managing member of Great Point, has voting and investment power with respect to the BIVF Shares, and therefore may be deemed to be the beneficial owner of the BIVF Shares. In addition, BIVF is the record owner of warrants to purchase 637,855 shares.

Class D Series of GEF-PS, LP (“GEF-PS”) is the record owner of Series A 6% preferred stock convertible into 433,744 shares of Common Stock (the “GEF-PS Shares”). Great Point is the investment manager of GEF-PS, and by virtue of such status may be deemed to be the beneficial owner of the GEF-PS Shares. Each of Dr. Jay, as senior managing member of Great Point, and Mr. Kroin, as special managing member of Great Point, has voting and investment power with respect to the GEF-PS Shares, and therefore may be deemed to be the beneficial owner of the GEF-PS Shares. In addition, GEF-PS is the record owner of warrants to purchase 650,616 shares.

WS Investments II, LLC (“WS”) is the record owner of Series A 6% preferred stock convertible into 62,459 shares of Common Stock (the “WS Shares”). Great Point is the investment manager with respect to the WS Shares, and by virtue of such status may be deemed to be the beneficial owner of the WS Shares. Each of Dr. Jay, as senior

managing member of Great Point, and Mr. Kroin, as special managing member of Great Point, has voting and investment power with respect to the WS Shares, and therefore may be deemed to be the beneficial owner of the WS Shares. In addition, WS is the record owner of warrants to purchase 93,689 shares.

CUSIP No. 10211F100    **13G/A**    Page 7 of 10  
 Pages

Ian Sheffield, director nominee of BVF, BOVF, BIVF, GEF-PS and WS, owns stock options to purchase 12,000 shares (the "Option Shares"). Great Point is the investment manager of BVF, BOVF, BIVF, GEF-PS and WS, and by virtue of such status may be deemed to be the beneficial owner of the Option Shares. Each of Dr. Jay, as senior managing member of Great Point, and Mr. Kroin, as special managing member of Great Point, has voting and investment power with respect to the Option Shares, and therefore may be deemed to be the beneficial owner of the Option Shares.

The provisions of the preferred stock and warrants described above restrict the conversion or exercise of such preferred stock and warrants to the extent that, after giving effect to such conversion or exercise, the holder of the preferred stock and warrants and its affiliates and any other person or entities with which such holder would constitute a group would beneficially own in excess of 9.985% of the number of shares of Common Stock of the Issuer outstanding immediately after giving effect to such exercise (the "Ownership Cap"). Therefore, the reporting persons could be deemed to beneficially own such number of shares underlying such preferred stock and warrants as would result in total beneficial ownership by such reporting persons up to the Ownership Cap.

Notwithstanding the above, Great Point, Dr. Jay and Mr. Kroin disclaim beneficial ownership of the BVF Shares, the BOVF Shares, the BIVF Shares, the GEF-PS Shares and the WS Shares and the shares underlying warrants described above, except to the extent of their respective pecuniary interests.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

### 1. Great Point Partners, LLC

(a) Amount beneficially owned: 1,991,588<sup>3</sup>

(b) Percent of class: 9.985%<sup>3, 4</sup>

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote: - 0 -

(ii) Shared power to vote or to direct the vote: 1,991,588<sup>3</sup>

<sup>3</sup>Consists of (i) 1,979,588 shares issuable upon conversion of Series A 6% preferred stock collectively owned by each of Biomedical Value Fund, LP ("BVF"), Biomedical Offshore Value Fund, Ltd. ("BOVF"), Biomedical Institutional Value Fund, LP ("BIVF"), Class D Series of GEF-PS, LP ("GEF-PS") and WS Investments II, LLC ("WS"), and (ii) 12,000 shares issuable upon exercise of stock options held by Ian Sheffield, as director nominee of BVF, BOVF, BIVF, GEF-PS and WS. Does not include: (i) Series A 6% preferred stock convertible into 1,520,412 shares, collectively owned by each of BVF, BOVF, BIVF, GEF-PS and WS and (ii) warrants to purchase 5,250,000 shares, collectively held by each of BVF, BOVF, BIVF, GEF-PS and WS. The provisions of such preferred stock and warrants restrict the conversion and exercise of such preferred stock and warrants to the extent that, after giving effect to such conversion or exercise, the holder of the preferred stock and warrants and its affiliates and any other person or entities with which such holder would constitute a group would beneficially own in excess of 9.985% of

the number of shares of Common Stock of the Issuer outstanding immediately after giving effect to such conversion or exercise (the "Ownership Cap"). Therefore, the reporting persons could be deemed to beneficially own such number of shares underlying such preferred stock and warrants as would result in total beneficial ownership by such reporting persons up to the Ownership Cap.

<sup>4</sup>Based on a total of 17,954,214 shares outstanding, as reported by the Issuer on a Form 10-Q filed with the SEC on November 14, 2014.

CUSIP No. 10211F100    **13G/A**    Page 8 of 10  
Pages

(iii) Sole power to dispose or to direct the disposition of: - 0 -.

(iv) Shared power to dispose or to direct the disposition of: 1,991,588<sup>3</sup>

**2. Dr. Jeffrey R. Jay, M.D.**

(a) Amount beneficially owned: 1,991,588<sup>3</sup>

(b) Percent of class: 9.985%<sup>3,4</sup>

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote: 0.

(ii) Shared power to vote or to direct the vote: 1,991,588<sup>3</sup>

(iii) Sole power to dispose or to direct the disposition of: 0.

(iv) Shared power to dispose or to direct the disposition of: 1,991,588<sup>3</sup>

**3. Mr. David Kroin**

(a) Amount beneficially owned: 1,991,588<sup>3</sup>

(b) Percent of class: 9.985%<sup>3,4</sup>

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote: 0.

(ii) Shared power to vote or to direct the vote: 1,991,588<sup>3</sup>

(iii) Sole power to dispose or to direct the disposition of: 0.

(iv) Shared power to dispose or to direct the disposition of: 1,991,588<sup>3</sup>

**Item 5. Ownership of Five Percent or Less of a Class**

If this statement is being filed to report the fact that as of the date hereof each of the Reporting Persons has ceased to be the beneficial owner of more than five percent of the class of securities, check the following o.

Item  
6. Ownership of More than Five Percent on Behalf of Another Person:



See Item 4.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company

Not Applicable.

Item 8. Identification and Classification of Members of the Group

Not Applicable.

Item 9. Notice of Dissolution of Group

Not Applicable.

CUSIP No. 10211F100    **13G/A**    Page 9 of 10  
Pages

Item 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as participant in any transaction having that purpose or effect.

CUSIP No. 10211F100    **13G/A**    Page 10 of 10  
Pages

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 17, 2015

GREAT POINT PARTNERS,  
LLC

By: /s/ Dr. Jeffrey R. Jay, M.D.  
Dr. Jeffrey R. Jay, M.D.,  
as senior managing member

/s/ Dr. Jeffrey R. Jay, M.D.  
DR. JEFFREY R. JAY, M.D.

/s/ Mr. David Kroin  
MR. DAVID KROIN

Exhibit A

AGREEMENT REGARDING THE JOINT FILING OF SCHEDULE 13G/A

The undersigned hereby agree as follows:

(i) Each of them is individually eligible to use the Schedule 13G/A to which this Exhibit is attached, and such Schedule 13G/A is filed on behalf of each of them; and

(ii) Each of them is responsible for the timely filing of such Schedule 13G/A and any amendments thereto, and for the completeness and accuracy of the information concerning such person contained therein; but none of them is responsible for the completeness or accuracy of the information concerning the other persons making the filing, unless such person knows or has reason to believe that such information is inaccurate.

Date: February 17, 2015

GREAT POINT PARTNERS,  
LLC

By: /s/ Dr. Jeffrey R. Jay, M.D.  
Dr. Jeffrey R. Jay, M.D.,  
as senior managing member

/s/ Dr. Jeffrey R. Jay, M.D.  
DR. JEFFREY R. JAY, M.D.

/s/ Mr. David Kroin  
MR. DAVID KROIN