BOVIE MEDICAL CORP Form 10QSB/A August 25, 2005

U.S. Securities and Exchange Commission Washington D.C. 20549

FORM 10-QSB/A2

(Mark One)

[X] QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended March 31, 2005

[] TRANSITION REPORT UNDER SECTION 13 OR 15(d) OF THE EXCHANGE ACT

For the transition period from_to Commission file number <u>0-12183</u>

BOVIE MEDICAL CORPORATION

(Exact name of small business issuer as specified in its charter)

Delaware (State or other jurisdiction Of incorporation or organization) 11-2644611 (IRS Employer Identification No.)

734 Walt Whitman Rd., Melville, New York 11747 (Address of principal executive offices)

(631) 421-5452 (Issuer's telephone number)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes [X] No []

APPLICABLE ONLY TO CORPORATE ISSUERS

Indicate the number of shares outstanding of each of the issuer's class of common stock, as of the latest practicable date: 13,897,858.

EXPLANATORY NOTE

Item 3. Controls and Procedures and Item 6. are amended in this Form 10-QSB/A

Item 3. Controls and Procedures

(a) Evaluation of disclosure controls and procedures

An evaluation of the effectiveness of the design and operation of the Company's disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e) as of March 31, 2005 was carried out under the supervision and with the participation of the Company's management, including the President and Chief Executive Officer and the Chief Financial Officer ("the Certifying Officers"). Based on that evaluation, the Certifying Officers concluded that the Company's disclosure controls and procedures are effective.

Disclosure controls and procedures are designed to ensure that information required to be disclosed in our reports filed or submitted under the Securities Exchange Act is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms. Disclosure controls and procedures include, without limitation, controls and procedures designed to ensure that information required to be disclosed in our reports filed or submitted under the Securities Exchange Act is accumulated and communicated to management, including our President and Chief Financial Officer, as appropriate, to allow timely decisions and timely reporting regarding required disclosure.

(b) Changes in internal controls

There was no change to the Company's internal control over financial reporting during the quarter ended March 31, 2005 that materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting.

ITEM 6. EXHIBITS

- 31.1 Certifications of Andrew Makrides, Chief Executive Officer, President of Registrant pursuant to Rule 13a-14 adopted under the Securities Exchange Act of 1934, as amended, and Section 302 of the Sarbanes-Oxley Act of 2002.
- 31.2 Certifications of Andrew Makrides Acting Chief Financial Officer of Registrant pursuant to Rule 13a-14 adopted under the Securities Exchange Act of 1934, as amended, and Section 302 of the Sarbanes-Oxley act of 2002.
- <u>32.1</u> Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
- <u>32.2</u> Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.

BOVIE MEDICAL CORPORATION

SIGNATURES:

In accordance with the requirements of the Exchange Act, the registrant caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Bovie Medical Corporation. (Registrant)

Date: August 25, 2005

/s/Andrew Makrides

Chief Executive Officer - Andrew Makrides

/s/Andrew Makrides

Acting Chief Financial Officer - Andrew Makrides