

BOVIE MEDICAL CORP  
Form NT 10-Q  
August 16, 2005

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

**WASHINGTON, D.C. 20549**

**FORM 12b-25**

**Commission File Number**

**NOTIFICATION OF LATE FILING**

(Check One):

Form 10-K	Form 11-K	Form 20-F	<input checked="" type="checkbox"/> Form 10-Q
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For Period Ended: June 30, 2005

Transition Report on Form 10-K	Transition Report on Form 10-Q
Transition Report on Form 20-F	Transition Report on Form N-SAR
Transition Report on Form 11-K	

For Transition Period Ended: \_\_\_

Nothing in this Form shall be construed to imply that the Commission has verified any information contained herein.

If the notification relates to a portion of the filing checked above, identify the Item(s) to which the notification relates:

**Part I - Registrant Information**

Full Name of Registrant: **Bovie Medical Corp.**

Former Name if Applicable:           

Address of Principal Executive Office (Street and Number): **734 Walt Whitman Road**

City, State and Zip Code: **Melville, NY 11747**

Rule 12b-25(b) and (c)

If the subject report could not be filed without unreasonable effort or expense and the registrant seeks relief pursuant to Rule 12b-25(b), the following should be completed. (Check box if appropriate.)

The reasons described in reasonable detail in Part III of this form could not be eliminated without unreasonable effort or expense;

X The subject annual report, semi-annual report, transition report on Form 10-K, 10-KSB, 20-F, 11-K or Form N-SAR, or portion thereof will be filed on or before the 15th calendar day following the prescribed due date; or the subject quarterly report or transition report on Form 10-Q or portion thereof will be filed on or before the fifth calendar day following the prescribed due date; and

The accountant's statement or other exhibit required by Rule 12b-25(c) has been attached if applicable.

**Part II - Narrative**

State below in reasonable detail the reasons why the Form 10-K, 10-KSB, 11-K, 20-F, 10-Q, 10-QSB, N-SAR or portion thereof could not be filed within the prescribed time period.

Additional time required for the filing of the 10-QSB for the quarter ended June 30, 2005 due to the preparation and analysis of certain documents and transactions.

Other Information

(1) Name and telephone number of person to contact in regard to this notification:

<b>Andrew Makrides</b>	<b>631</b>	<b>421-5452</b>
(Name)	(Area Code)	(Telephone Number)

(2) Have all other periodic reports required under Section 13 or 15(d) of the Securities Exchange Act of 1934 or Section 30 of the Investment Company Act of 1940 during the preceding 12 months or for such shorter period that the registrant was required to file such report(s) been filed? If the answer is no, identify the report(s):

X Yes No

(3) Is it anticipated that any significant change in results of operations from the corresponding period for the last fiscal year will be reflected by the earnings statements to be included in the subject report or portion thereof?

Yes X No

If so: attach an explanation of the anticipated change, both narratively and quantitatively, and, if appropriate, state the reasons why a reasonable estimate of the results cannot be made.

**BOVIE MEDICAL CORP.**  
(Name of Registrant as specified in charter)

Has caused this notification to be signed on its behalf by the undersigned thereunto duly authorized.

Date: August 15, 2005

	<u>By:</u>	<u>/s/Andrew Makrides</u>
Name:		Andrew Makrides
Title:		Chief Financial Officer