

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549

**FORM 12b-25**

NOTIFICATION OF LATE FILING

(Check one):  Form 10-K  Form 20-F  Form 11-K  Form 10-Q  Form N-SAR  Form N-CSR

For Period Ended: March 31, 2015

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

For the 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

**Skyline Medical Inc.**

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Former Name if Applicable

Address of Principal Executive Office (Street and Number)

2915 Commers Drive, Suite 900, Eagan, Minnesota 55121  
City, State and Zip Code

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**PART II -- RULES 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)

- (a) The reasons described in reasonable detail in Part III of this form could not be eliminated without unreasonable effort or expense;  
The subject annual report, semi-annual report, transition report on Form 10-K, Form 20-F, Form 11-K, Form N-SAR or Form N-CSR, or portion
- (b) thereof, will be filed on or before the fifteenth 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
- (c) The accountant's statement or other exhibit required by Rule 12b-25(c) has been attached if applicable.

**PART III -- NARRATIVE**

State below in reasonable detail why Forms 10-K, 20-F, 11-K, 10-Q, N-SAR, N-CSR, or the transition report or portion thereof, could not be filed within the prescribed time period.

The Company is not able to file its Form 10-Q within the prescribed time period because the Company's difficult capital situation delayed the payment of the review fees required to be paid for the past fiscal quarter to its independent auditors, thus delaying the completion of the 2015 first quarter review per applicable standards and the completion of the related XBRL coding. The delay could not have been avoided without unreasonable effort and expense. Nevertheless, the Company anticipates completing such filing on or before the fifth calendar day following the prescribed due date.

**PART IV -- OTHER INFORMATION**

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

**Bob Myers**  
(Name)

**(651)**  
(Area Code)

**389-4806**  
(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 answer is no, identify report(s). 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  No

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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.

Explanation of anticipated change: The statement of operations for the period ended March 31, 2015, compared to the 2014 results, is expected to reflect the following changes. The Company's revenues increased to \$151,274 in 2015 compared to \$70,220 in 2014, due to the sale of 5 Streamway units. The Company's net loss decreased to \$225,795 compared to \$1,616,993 in 2014, due to lower Administrative and Operating Expenses and accordingly loss per share decreased over the 2014 level.

Skyline Medical Inc.

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(Name of Registrant as Specified in Charter)

has caused this notification to be signed on its behalf by the undersigned hereunto duly authorized.

Dated: May 15, 2015

By: /s/ Josh Kornberg  
Josh Kornberg  
Chief Executive Officer & President

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