

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

SCHEDULE 14A

Proxy Statement Pursuant to Section 14(a) of the Securities  
Exchange Act of 1934

Filed by the Registrant   
Filed by a Party other than the Registrant

Check the appropriate box:

- Preliminary Proxy Statement  
 Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))  
 Definitive Proxy Statement  
 Definitive Additional Materials  
 Soliciting Material Pursuant to §240.14a-12

---

SKYLINE MEDICAL INC.

(Name of Registrant as Specified In Its Charter)

---

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check the appropriate box):

- No fee required.  
 Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.
- (1) Title of each class of securities to which transaction applies:
  - (2) Aggregate number of securities to which transaction applies:
  - (3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):
  - (4) Proposed maximum aggregate value of transaction:
  - (5) Total fee paid:
- Fee paid previously with preliminary materials.
- Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.
- (1) Amount Previously Paid:
  - (2) Form, Schedule or Registration Statement No.:
  - (3) Filing Party:
  - (4) Date Filed:
-

**SKYLINE MEDICAL INC.  
2915 Commers Drive, Suite 900  
Eagan, Minnesota 55121  
Telephone: (651) 389-4800**

**SUPPLEMENTAL MATERIAL TO OUR PROXY STATEMENT  
FOR OUR ANNUAL MEETING TO BE HELD ON JULY 28, 2016**

This Supplement dated June 29, 2016 amends and supplements the Proxy Statement of Skyline Medical Inc. (“we,” “our” or the “Company”) dated June 24, 2016 (the “Proxy Statement”) with the following information.

**Appointment of Proxy Solicitor**

Subsequent to filing the Proxy Statement for our Annual Meeting of Stockholders (the “Annual Meeting”) to be held on July 28, 2016, we retained Laurel Hill Advisory Group, LLC (“Laurel Hill”), an independent proxy solicitation firm, to assist in soliciting proxies on our behalf. We have agreed to pay Laurel Hill a fee of \$7,500, plus out-of-pocket expenses, for these services. In addition, we have agreed to reimburse Laurel Hill for telephone solicitation calls, which we estimate will result in an aggregate of \$7,500 in additional fees. We bear all proxy solicitation costs. If stockholders need assistance with casting or changing their vote, they should contact our proxy solicitor, Laurel Hill, toll-free at 888-742-1305.

**Important Information**

The Company has filed a definitive Proxy Statement with the Securities and Exchange Commission (the “SEC”) and has furnished to its stockholders a Proxy Statement in connection with the solicitation of proxies for the Annual Meeting. The Company advises its stockholders to read the Proxy Statement relating to the Annual Meeting, as amended and supplemented by this Supplement, because it contains important information. Stockholders may obtain a free copy of the Proxy Statement and other documents that the Company files with the SEC at the SEC’s website at [www.sec.gov](http://www.sec.gov).