VARIAN MEDICAL SYSTEMS INC Form 8-K July 27, 2016

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(d) OF THE

SECURITIES EXCHANGE ACT OF 1934

Date of report (Date of earliest event reported) July 27, 2016

VARIAN MEDICAL SYSTEMS, INC.

(Exact Name of Registrant as Specified in its Charter)

Delaware1-759894-2359345(State or Other Jurisdiction of Incorporation)(Commission File (IRS Employer Identification No.)

3100 Hansen Way, Palo Alto, CA(Address of Principal Executive Offices) (Zip Code)

Registrant's telephone number, including area code (650) 493-4000

Not Applicable

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

"Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

"Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

"Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

"Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02. Results of Operations and Financial Condition.

On July 27, 2016, Varian Medical Systems, Inc. announced that: "Varian Medical Systems Reports Results for Third Quarter of Fiscal Year 2016." A copy of the press release is attached as Exhibit 99.1 and incorporated by reference into this item.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

99.1 Press Release dated July 27, 2016 entitled "Varian Medical Systems Reports Results for Third Quarter of Fiscal Year 2016."

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Varian Medical Systems,

Inc.

By: /s/ John W. Kuo Name: John W. Kuo

Senior Vice President,

Title: General Counsel

and Corporate Secretary

Dated: July 27, 2016

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EXHIBIT INDEX

Number Exhibit

Press Release dated July 27, 2016 entitled "Varian Medical Systems Reports Results for Third Quarter of Fiscal Year 2016."

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