VARIAN MEDICAL SYSTEMS INC Form 8-K January 25, 2012

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) January 25, 2012

VARIAN MEDICAL SYSTEMS, INC.

(Exact Name of Registrant as Specified in its Charter)

Delaware 1-7598 94-2359345 (State or Other Jurisdiction (Commission File (IRS Employer of Incorporation) Number) Identification No.)

3100 Hansen Way, Palo Alto, CA 94304-1030 (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 January 25, 2012, Varian Medical Systems, Inc. announced that: "Varian Medical Systems Reports Results for First Quarter of Fiscal Year 2012." 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 January 25, 2012 entitled "Varian Medical Systems Reports Results for First Quarter of Fiscal Year 2012."

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

Title: Corporate Vice President, General Counsel and Secretary

Dated: January 25, 2012

EXHIBIT INDEX

Exhibit

Number

Press Release dated January 25, 2012 entitled "Varian Medical Systems Reports Results for First Quarter of Fiscal Year 2012."