

VARIAN MEDICAL SYSTEMS INC  
Form 8-K  
April 28, 2010

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) April 28, 2010

VARIAN MEDICAL SYSTEMS, INC.

(Exact Name of Registrant as Specified in its Charter)

Delaware  
(State or Other Jurisdiction  
of Incorporation)

1-7598  
(Commission File  
Number)

94-2359345  
(IRS Employer  
Identification No.)

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

94304-1030  
(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))

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Item Results of Operations and Financial Condition.  
2.02.

On April 28, 2010, Varian Medical Systems, Inc. announced that: “Varian Medical Systems Reports Results for Second Quarter of Fiscal Year 2010.” A copy of the press release is attached as Exhibit 99.1 and incorporated by reference into this item.

Item Financial Statements and Exhibits.  
9.01.

(c) Exhibits.

99.1 Press Release dated April 28, 2010 entitled “Varian Medical Systems Reports Results for Second Quarter of Fiscal Year 2010.”

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: April 28, 2010

EXHIBIT INDEX

Number	Exhibit
99.1	Press Release dated April 28, 2010 entitled “Varian Medical Systems Reports Results for Second Quarter of Fiscal Year 2010.”