

VARIAN MEDICAL SYSTEMS INC  
Form 8-K  
May 24, 2007

**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) **May 24, 2007**

**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))



Item 8.01. Other Events

On May 24, 2007, Varian Medical Systems, Inc. issued a press release regarding the completion of its acquisition of Bio-Imaging Research, Inc. 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.

(c) Exhibits.

99.1 Press Release dated May 24, 2007 entitled "Varian Medical Systems Completes Acquisition of Bio-Imaging Research."

---

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: May 24, 2007

---

EXHIBIT INDEX

Number

Exhibit

99.1

Press Release dated May 24, 2007 entitled "Varian Medical Systems  
Completes Acquisition of Bio-Imaging Research."