

VARIAN MEDICAL SYSTEMS INC  
 Form 4  
 June 18, 2008

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**KLUGE ROBERT H**

(Last) (First) (Middle)

C/O VARIAN MEDICAL SYSTEM, 3100 HANSEN WAY, MAIL STOP E-327

(Street)

PALO ALTO, CA 94304

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**VARIAN MEDICAL SYSTEMS INC [VAR]**

3. Date of Earliest Transaction (Month/Day/Year)  
 06/18/2008

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 Corp VP; Pres. X-Ray Products

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Ownership (Instr. 4) |                       |   |  |
|---------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------|-----------------------|---|--|
|                                 |                                      |                                                    |                                | (A) or (D)                                                        | Price                                                                                         |                                                          |                                            |                       |   |  |
|                                 |                                      |                                                    |                                | Code                                                              | V                                                                                             | Amount                                                   |                                            |                       |   |  |
| Common Stock                    | 06/18/2008                           |                                                    | M                              |                                                                   | 30,500                                                                                        | A                                                        | \$ 17.95                                   | 118,375               | D |  |
| Common Stock                    | 06/18/2008                           |                                                    | S <sup>(1)</sup>               |                                                                   | 30,500                                                                                        | D                                                        | \$ 53                                      | 87,875 <sup>(2)</sup> | D |  |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

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**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Security (Instr. 3 and 4) | 8. Amount or Number of Shares |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------|-------------------------------|
| Non-Qualified Stock Option (right to buy)  | \$ 17.95                                               | 06/18/2008                           |                                                    | M                              | 30,500                                                                                  | (3) 11/15/2011                                           | Common Stock                                                | 30,500                        |

## Reporting Owners

| Reporting Owner Name / Address                                                                         | Relationships |           |                               |       |
|--------------------------------------------------------------------------------------------------------|---------------|-----------|-------------------------------|-------|
|                                                                                                        | Director      | 10% Owner | Officer                       | Other |
| KLUGE ROBERT H<br>C/O VARIAN MEDICAL SYSTEM<br>3100 HANSEN WAY, MAIL STOP E-327<br>PALO ALTO, CA 94304 |               |           | Corp VP; Pres. X-Ray Products |       |

## Signatures

By: Franco N. Palomba For: Robert H. Kluge by attached  
POA  
Date: 06/18/2008

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) This transaction is pursuant to the filer's SEC Rule 10b5-1 Stock Plan.
- (2) Amount of securities beneficially owned at the end of the reporting period reflect 491 shares purchased on March 28, 2008 under the Varian Medical Systems, Inc. Employee Stock Purchase Plan.
- (3) Stock option granted under the Varian Medical Systems, Inc. 1990 Omnibus Stock Plan, which complies with new Rule 16b-3. The option vests as follows: one third on 11/15/02, and the remaining shares in 24 equal installments over the 24 months following the first vesting date.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.