

VARIAN MEDICAL SYSTEMS INC  
 Form 4  
 July 30, 2008

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL  
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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**

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

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

(Last) (First) (Middle)  
**C/O VARIAN MEDICAL SYSTEM, 3100 HANSEN WAY, MAIL STOP E-327**  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
**07/28/2008**

**PALO ALTO, CA 94304**  
 (City) (State) (Zip)

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

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 Ownership (Instr. 4)
				(A) or (D)	Price		
			Code	V	Amount		
Common Stock	07/28/2008		M		16,000	A	\$ 24.375 103,875 D
Common Stock	07/28/2008		S <sup>(1)</sup>		16,000	D	\$ 59 87,875 D
Common Stock	07/28/2008		M		16,000	A	\$ 24.375 103,875 D
Common Stock	07/28/2008		S <sup>(1)</sup>		325	D	\$ 58.52 103,550 D
	07/28/2008		S <sup>(1)</sup>		200	D	\$ 58.53 103,350 D

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Common Stock							
Common Stock	07/28/2008	<u>S(1)</u>	515	D	\$ 58.54	102,835	D
Common Stock	07/28/2008	<u>S(1)</u>	400	D	\$ 58.55	102,435	D
Common Stock	07/28/2008	<u>S(1)</u>	400	D	\$ 58.56	102,035	D
Common Stock	07/28/2008	<u>S(1)</u>	500	D	\$ 58.57	101,535	D
Common Stock	07/28/2008	<u>S(1)</u>	700	D	\$ 58.58	100,835	D
Common Stock	07/28/2008	<u>S(1)</u>	100	D	\$ 58.59	100,735	D
Common Stock	07/28/2008	<u>S(1)</u>	400	D	\$ 58.6	100,335	D
Common Stock	07/28/2008	<u>S(1)</u>	100	D	\$ 58.61	100,235	D
Common Stock	07/28/2008	<u>S(1)</u>	300	D	\$ 58.62	99,935	D
Common Stock	07/28/2008	<u>S(1)</u>	300	D	\$ 58.63	99,635	D
Common Stock	07/28/2008	<u>S(1)</u>	400	D	\$ 58.64	99,235	D
Common Stock	07/28/2008	<u>S(1)</u>	100	D	\$ 58.65	99,135	D
Common Stock	07/28/2008	<u>S(1)</u>	200	D	\$ 58.66	98,935	D
Common Stock	07/28/2008	<u>S(1)</u>	900	D	\$ 58.67	98,035	D
Common Stock	07/28/2008	<u>S(1)</u>	1,100	D	\$ 58.68	96,935	D
Common Stock	07/28/2008	<u>S(1)</u>	300	D	\$ 58.69	96,635	D
Common Stock	07/28/2008	<u>S(1)</u>	400	D	\$ 58.7	96,235	D
Common Stock	07/28/2008	<u>S(1)</u>	600	D	\$ 58.72	95,635	D
Common Stock	07/28/2008	<u>S(1)</u>	404	D	\$ 58.73	95,231	D
	07/28/2008	<u>S(1)</u>	2,000	D	\$ 58.74	93,231	D

Common Stock								
Common Stock	07/28/2008	S <sup>(1)</sup>	1,400	D	\$ 58.75	91,831	D	
Common Stock	07/28/2008	S <sup>(1)</sup>	1,100	D	\$ 58.76	90,731	D	
Common Stock	07/28/2008	S <sup>(1)</sup>	1,500	D	\$ 58.77	89,231	D	
Common Stock	07/28/2008	S <sup>(1)</sup>	1,250	D	\$ 58.78	87,981	D	
Common Stock	07/28/2008	S <sup>(1)</sup>	106	D	\$ 58.79	87,875	D	

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

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(9-02)

**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)	Amount or Number of Shares
				Code	V (A) (D)	Date Exercisable Expiration Date	Title	
Non-Qualified Stock Option (right to buy)	\$ 24.375	07/28/2008		M	16,000	<sup>(2)</sup> 11/14/2012	Common Stock	16,000
Non-Qualified Stock Option (right to buy)	\$ 24.375	07/28/2008		M	16,000	<sup>(2)</sup> 11/14/2012	Common Stock	16,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
KLUGE ROBERT H			Corp VP; Pres. X-Ray Products	

C/O VARIAN MEDICAL SYSTEM  
3100 HANSEN WAY, MAIL STOP E-327  
PALO ALTO, CA 94304

## Signatures

By: Franco N. Palomba, Attorney in Fact For: Robert H.  
Kluge

07/30/2008

\_\_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.

Stock option granted under the Varian Medical Systems, Inc. 1990 Omnibus Stock Plan, which complies with new Rule 16b-3. The

(2) option vests as follows: one third on 11/14/03, 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.

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