

VARIAN MEDICAL SYSTEMS INC  
 Form 4  
 August 12, 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 \*  
**BROWN JOHN SEELY**

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
 08/11/2008

Director  10% Owner  
 Officer (give title below)  Other (specify below)

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

(Street)

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

PALO ALTO, CA 94304-1030

(City) (State) (Zip)

**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 Beneficial Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	08/11/2008		M		5,000 A \$ 19.895	8,000	D
Common Stock	08/11/2008		M		3,258 A \$ 21.495	11,258	D
Common Stock	08/11/2008		M		25,598 A \$ 25.015	36,856	D
Common Stock	08/11/2008		S		5,600 D \$ 63.17	31,256	D
	08/11/2008		S		100 D \$ 63.18	31,156	D

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Common Stock							
Common Stock	08/11/2008		S	12,000	D	\$ 63.2	19,156 D
Common Stock	08/11/2008		S	7,456	D	\$ 63.21	11,700 D
Common Stock	08/11/2008		S	2,300	D	\$ 63.22	9,400 D
Common Stock	08/11/2008		S	1,100	D	\$ 63.23	8,300 D
Common Stock	08/11/2008		S	1,000	D	\$ 63.24	7,300 D
Common Stock	08/11/2008		S	500	D	\$ 63.25	6,800 D
Common Stock	08/11/2008		S	300	D	\$ 63.26	6,500 D
Common Stock	08/11/2008		S	100	D	\$ 63.3	6,400 D
Common Stock	08/11/2008		S	1,100	D	\$ 63.32	5,300 D
Common Stock	08/11/2008		S	100	D	\$ 63.33	5,200 D
Common Stock	08/11/2008		S	1,200	D	\$ 63.34	4,000 D
Common Stock	08/11/2008		S	1,000	D	\$ 63.35	3,000 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)
				Code V	(A) (D)		Title

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					Date Exercisable	Expiration Date		Amount or Number of Shares
Non-Qualified Stock Option (right to buy)	\$ 19.895	08/11/2008	M	5,000	(1)	02/15/2012	Common Stock	5,000
Non-Qualified Stock Option (right to buy)	\$ 21.495	08/11/2008	M	3,258	(1)	09/30/2012	Common Stock	3,258
Non-Qualified Stock Option (right to buy)	\$ 25.015	08/11/2008	M	25,598	(1)	02/14/2013	Common Stock	25,598

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BROWN JOHN SEELY C/O VARIAN MEDICAL SYSTEMS 3100 HANSEN WAY, MAIL STOP E-327 PALO ALTO, CA 94304-1030	X			

## Signatures

By: Franco N. Palomba, Attorney in Fact For: John Seely Brown 08/12/2008

\_\_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) Stock option granted under the Varian Medical Systems, Inc. Omnibus Stock Plan, which complies with Rule 16b-3.

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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