

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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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 *
WILSON DOW R

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)
 EVP and Pres. Oncology Sys.

C/O VARIAN MEDICAL SYSTEMS, INC., 3100 HANSEN WAY, M/S 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

(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 Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	08/11/2008		M	3,000	\$ 40.57	A	58,895 D
Common Stock	08/11/2008		S	1,300	\$ 63.2	D	57,595 D
Common Stock	08/11/2008		S	50	\$ 63.22	D	57,545 D
Common Stock	08/11/2008		S	850	\$ 63.21	D	56,695 D
	08/11/2008		S	800		D	55,895 ⁽¹⁾ D

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Common Stock \$ 63.19

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

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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 (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 Securities (Instr. 3 and 4)	Amount or Number of Shares
Non-Qualified Stock Option (right to buy)	\$ 40.57	08/11/2008		M	3,000	<u>(2)</u> 01/10/2015	Common Stock	3,000

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

WILSON DOW R
C/O VARIAN MEDICAL SYSTEMS, INC.
3100 HANSEN WAY, M/S E-327
PALO ALTO, CA 94304

EVP and Pres. Oncology Sys.

Signatures

By: Franco N. Palomba, Attorney in Fact For: Dow R. Wilson

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) Amount of securities beneficially owned at end of reporting period reflect 588 shares purchased on March 28, 2008 under the Varian Medical Systems, Inc. Employee Stock Purchase Plan.

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- (2) Stock option granted under the Varian Medical Systems, Inc. Omnibus Stock Plan, which complies with Rule 16b-3. The option vests as follows: one third on 01/10/06, and the remaining shares in 24 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.