

WILSON DOW R  
Form 4  
May 21, 2012

**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 \*  
**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)  
  
**C/O VARIAN MEDICAL SYSTEMS, INC., 3100 HANSEN WAY, M/S E-327**  
  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
**05/18/2012**

\_\_\_\_ Director  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
**EVP and COO**

**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		
Common Stock	05/18/2012		M	5,796	A \$ 0	39,945	D
Common Stock	05/18/2012		F	2,125 (1)	D \$ 61.29	37,820 (2)	D

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 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 Securities (Instr. 3 and 4)	8. Price or Value of Underlying Securities (Instr. 3 and 4)
Restricted Stock Units	(3)	05/18/2012		M	5,796	(4) (4)	Common Stock	5,796

## 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 COO	

## Signatures

/s/ Elisha W. Finney, Attorney in Fact for Dow R.  
Wilson

05/21/2012

\_\_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) Represents shares withheld from vested restricted stock units for the payment of federal, state and payroll taxes due on vesting.
- (2) Amount of securities beneficially owned at end of reporting period reflect 425 shares purchased on April 27, 2012 under the Varian Medical Systems, Inc. Employee Stock Purchase Plan.
- (3) Each restricted stock unit represents a contingent right to receive one share of VAR common stock.
- (4) The restricted stock units vest in three equal installments on May 18, 2011, May 18, 2012, and May 18, 2013. Vested shares will be delivered to the reporting person on vest 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.