

KUO JOHN W  
Form 4  
December 28, 2010

**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 \*  
KUO JOHN W

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)  
12/27/2010

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
VP, Gen Counsel and Secretary

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common Stock	12/27/2010		M	8,333 A \$ 37.17	24,400	D	
Common Stock	12/27/2010		M	40,000 A \$ 49.88	64,400	D	
Common Stock	12/27/2010		M	7,682 A \$ 50.66	72,082	D	
Common Stock	12/27/2010		S <sup>(1)</sup>	48,333 D \$ 70.5928	23,749	D	
				(2)			

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Common Stock	12/27/2010	S <sup>(1)</sup>	7,682	D	\$ 70.66	16,067	D	
Common Stock	12/28/2010	M	17,318	A	\$ 50.66	33,385	D	
Common Stock	12/28/2010	S <sup>(1)</sup>	17,318	D	\$ 70.66	16,067	D	
Common Stock						1,197.373	I	By 401k Plan

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

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SEC 1474  
(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)	\$ 37.17	12/27/2010		M	8,333	<sup>(3)</sup> 02/13/2016	Common Stock	8,333
Non-qualified Stock Option (Right to Buy)	\$ 49.88	12/27/2010		M	40,000	<sup>(4)</sup> 11/17/2015	Common Stock	40,000
Non-qualified Stock Option (Right to Buy)	\$ 50.66	12/27/2010		M	7,682	<sup>(5)</sup> 11/21/2016	Common Stock	7,682
Non-qualified Stock Option (Right to Buy)	\$ 50.66	12/28/2010		M	17,318	<sup>(5)</sup> 11/21/2016	Common Stock	17,318

## Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

KUO JOHN W  
C/O VARIAN MEDICAL SYSTEMS, INC.  
3100 HANSEN WAY M/S E-327  
PALO ALTO, CA 94304

VP, Gen Counsel and Secretary

## Signatures

/s/ Franco N. Palomba, Attorney in Fact for John W.  
Kuo

12/28/2010

\_\_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) The 48,333 shares were sold in multiple transactions executed on the same day at prices ranging from \$70.04 to \$70.66. The detailed breakdown will be furnished upon request.  
  
Stock option granted under the Varian Medical Systems, Inc. Second Amended and Restated 2005 Omnibus Stock Plan, which complies
- (3) with Rule 16b-3. The option vests as follows: one third on 2/13/2010, and the remaining shares in 24 equal installments over the 24 months following the first vesting date.
- (4) Stock option granted under the Varian Medical Systems, Inc. 2005 Omnibus Stock Plan, which complies with Rule 16b-3. The option vests as follows: one third on 11/17/06, and the remaining shares in 24 equal installments over the 24 months following the first vesting date.
- (5) 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 11/21/07, 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.