

VARIAN MEDICAL SYSTEMS INC  
 Form 4  
 October 21, 2009

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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 \*  
 LEVY RICHARD M

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)  
 10/20/2009

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 (A) or (D) Price			
Common Stock	10/20/2009		M	20,000 A \$ 24.375	20,000	D	
Common Stock	10/20/2009		S <sup>(1)</sup>	20,000 D \$ 40.8473	0	D	
Common Stock	10/20/2009		G <sup>(1)</sup>	3,000 V D \$ 0	133,907	I	By Trust

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 Securities (Instr. 3 and 4)	Amount or Number of Shares
Non Qualified Stock Option (Right to Buy)	\$ 24.375	10/20/2009		M	20,000	11/14/2005 <sup>(3)</sup> 11/14/2012	Common Stock	20,000

## Reporting Owners

### Reporting Owner Name / Address

### Relationships

Director 10% Owner Officer Other

LEVY RICHARD M  
C/O VARIAN MEDICAL SYSTEMS  
3100 HANSEN WAY, MAIL STOP E-327  
PALO ALTO, CA 94304-1030

X

## Signatures

/s/ John A. Thorson, Attorney in Fact for Richard M. Levy

10/21/2009

\_\_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 20,000 shares were sold in multiple transactions executed on the same day at prices ranging from \$40.65 to \$41.32. The detailed breakdown of executed sales will be furnished upon request.

(3) Stock option granted under the Varian Medical Systems, Inc. 1990 Omnibus Stock Plan, which complies with Rule 16b-3. The option vests as follows: one third on 11/14/2003, and the remaining shares in 24 equal installments over the 24 months following the first vest

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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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