

VARIAN MEDICAL SYSTEMS INC  
 Form 4  
 February 13, 2017

**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 \*  
**ILLINGWORTH DAVID J**

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**

3. Date of Earliest Transaction (Month/Day/Year)  
**02/10/2017**

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

(Street)  
**PALO ALTO, CA 94304**

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		
				Code	V	Amount	

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)**

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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 of Derivative Security (Instr. 3)
Deferred Stock Units	(1)	02/10/2017		A	1,990	(2) (2)	Common Stock	1,990

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ILLINGWORTH DAVID J C/O VARIAN MEDICAL SYSTEMS, INC. 3100 HANSEN WAY M/S E-327 PALO ALTO, CA 94304		X		

## Signatures

/s/ Franco N. Palomba, attorney -in-fact for David J. Illingworth

02/13/2017

\*\*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) Each Deferred Stock Unit represents the right to receive one share of VAR common stock.

The Deferred Stock Units vest in four equal quarterly installments over a 12 month period beginning February 10, 2017. Vested shares will be delivered to the reporting person on the earlier of three years from the grant date, termination/retirement date, or a change of control.

(3) Includes deferred stock units that were adjusted pursuant to the Employee Matters Agreement between Varian Medical Systems, Inc. ("Varian") and Varex Imaging Corporation ("Varex") relating to the January 28, 2017 distribution by Varian to its stockholders of all of the outstanding shares of the common stock of Varex. Deferred stock units that were outstanding at the time of the distribution were adjusted by multiplying the number of shares subject thereto by 1.1303 and rounding to the nearest whole share.

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.