

VERHOEF CLARENCE R  
Form 3  
August 17, 2012

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

OMB APPROVAL

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**INITIAL STATEMENT OF 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 *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â VERHOEF CLARENCE R		(Month/Day/Year)	VARIAN MEDICAL SYSTEMS INC [VAR]	
(Last)	(First)	(Middle)	08/11/2012	
C/O VARIAN MEDICAL SYSTEMS, INC., Â 3100 HANSEN WAY, MAIL STOP E327			4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
(Street)			(Check all applicable)	
			<input type="checkbox"/> Director	<input type="checkbox"/> 10% Owner
			<input checked="" type="checkbox"/> Officer	<input type="checkbox"/> Other
			(give title below) (specify below)	
			SVP, Finance, Corp Controller	
PALO ALTO, Â CA Â 94304-1038			6. Individual or Joint/Group Filing(Check Applicable Line)	
(City)	(State)	(Zip)	<input checked="" type="checkbox"/> Form filed by One Reporting Person	
			<input type="checkbox"/> Form filed by More than One Reporting Person	

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	4,175	D	Â

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

SEC 1473 (7-02)

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security	4. Conversion or Exercise	5. Ownership Form of	6. Nature of Indirect Beneficial Ownership
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	Date Exercisable	Expiration Date	(Instr. 4) Title	Amount or Number of Shares	Price of Derivative Security	Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	(Instr. 5)
Non-qualified Stock Option (Right to Buy)	10/02/2009 <sup>(1)</sup>	10/02/2016	Common Stock	10,000	\$ 50.52	D	Â
Restricted Stock Units	Â <sup>(2)</sup>	Â <sup>(2)</sup>	Common Stock	1,334	\$ <sup>(3)</sup>	D	Â
Restricted Stock Units	Â <sup>(4)</sup>	Â <sup>(4)</sup>	Common Stock	3,541	\$ <sup>(3)</sup>	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
VERHOEF CLARENCE R C/O VARIAN MEDICAL SYSTEMS, INC. 3100 HANSEN WAY, MAIL STOP E327 PALO ALTO, CA 94304-1038	Â	Â	Â SVP, Finance, Corp Controller	Â

## Signatures

/s/ Clarence R.  
Verhoef

08/16/2012

    Signature of  
Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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) Stock option granted under the Varian Medical Systems, Inc. Amended and Restated 2005 Omnibus Stock Plan, which complies with Rule 16b-3.
- (2) The restricted stock units vests on May 18, 2013. Vested shares will be delivered to the reporting person on vest date.
- (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 November 21, 2012, November 21, 2013, November 21, 2014. 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.