

CHEN TAI-YUN  
Form 4  
May 19, 2011

**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 \*  
CHEN TAI-YUN

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)  
05/18/2011

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
VP and Corporate Controller

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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
|                                 |                                      |  |                                | (A) or (D)<br>Code V Amount Price                                 |   |  |                                   |
| Common Stock                    | 05/18/2011                           |  | M                              | 1,481 A \$ 0  | 10,338  | D  |                                   |
| Common Stock                    | 05/18/2011                           |  | F                              | 543 <sup>(1)</sup> D \$ 68.71                                     | 9,795 <sup>(2)</sup>  | D  |                                   |
| Common Stock                    |                                      |  |                                |   | 3,561.785   | I  | By 401k Plan                      |

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

**Persons who respond to the collection of information contained in this form are not**

SEC 1474 (9-02)

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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)  | 05/18/2011                           |  | M                              | 1,481   | (4) (4)  | Common Stock  | 1,481   |

## Reporting Owners

### Reporting Owner Name / Address

### Relationships

Director 10% Owner Officer Other

CHEN TAI-YUN  
C/O VARIAN MEDICAL SYSTEMS, INC.  
3100 HANSEN WAY M/S E-327  
PALO ALTO, CA 94304

VP and Corporate Controller

## Signatures

/s/ Franco N. Palomba, Attorney in Fact for Tai-Yun  
Chen

05/19/2011

\*\*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 284 shares purchased April 29, 2011 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.

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