

CHEN TAI-YUN
Form 4
February 20, 2008

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)
02/15/2008

____ 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) Price | | | |
| Common Stock | 02/15/2008 | | A ⁽¹⁾ | 3,350 A \$ 0 | 16,023 | D | |
| Common Stock | | | | | 2,910.82 | 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 Underlying (Instr. 3 and 4) | | | |
|--|--|--------------------------------------|--|--------------------------------|---|--|--|------------------|-----------------|--------------|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title |
| Non-Qualified Stock Option (right to buy) | \$ 52.61 | 02/15/2008 | | A | | 29,950 | | (2) | 02/15/2015 | Common Stock |
| Phantom Stock Units | \$ 0 | 02/15/2008 | | D | | 123,3392 | | (3) | (3) | Common Stock |

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

Tai-Yun Chen 02/19/2008

**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) Restricted stock granted under the Varian Medical Systems, Inc. Second Amended and Restated 2005 Omnibus Stock Plan, which complies with Rule 16b-3; the restricted stock is released from restrictions in 3 equal installments on 2/15/2009, 2/15/2010, and 2/15/2011.
- (2) Stock option granted under the Varian Medical Systems, Inc. Second Amended and Restated 2005 Omnibus Stock Plan, which complies with Rule 16b-3. The option vests as follows: one third on 2/15/2009, and the remaining shares in 24 equal installments over the 24 months following the first vesting date.
- (3) The phantom stock units were accrued under the Varian Medical Systems, Inc. Deferred Compensation Plan and are to be settled in cash in accordance with plan elections.

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.