

BOSTON SCIENTIFIC CORP
 Form 4
 May 10, 2006

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 *
BARTELL MARK C

(Last) (First) (Middle)

ONE BOSTON SCIENTIFIC PLACE

(Street)

NATICK, MA 017601537

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
BOSTON SCIENTIFIC CORP [(BSX)]

3. Date of Earliest Transaction (Month/Day/Year)
05/08/2006

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)
SVP, Global Sales & Mkt CRM

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 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) | Code V Amount (D) Price | | |

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 required to respond unless the form displays a currently valid OMB control number.

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 | 2. Conversion | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if | 4. Transaction | 5. Number of Derivative | 6. Date Exercisable and Expiration Date | 7. Title and Amount of Underlying Securities |
|------------------------|---------------|--------------------------------------|-------------------------------|----------------|-------------------------|---|--|
|------------------------|---------------|--------------------------------------|-------------------------------|----------------|-------------------------|---|--|

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| Security (Instr. 3) | or Exercise Price of Derivative Security | any (Month/Day/Year) | Code (Instr. 8) | Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | (Month/Day/Year) | (Instr. 3 and 4) | | |
|-----------------------------|--|----------------------|-----------------|---|------------------|------------------|--------------|----------------------------|
| | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amount of Number of Shares |
| Deferred Stock Units | (1) | 05/08/2006 | A | | (2) | (2) | Common Stock | 82,150 |
| Stock Option (Right to Buy) | \$ 21.93 | 05/08/2006 | A | | (3) | 05/08/2016 | Common Stock | 123,500 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|-----------------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| BARTELL MARK C ONE BOSTON SCIENTIFIC PLACE NATICK, MA 017601537 | | | SVP, Global Sales & Mkt CRM | |

Signatures

By: /s/ Lawrence J. Knopf,
Attorney-in-fact

05/10/2006

__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 Company's promise to issue one share of Boston Scientific common stock.
- (2) Shares of common stock will be issued to the reporting person in four equal annual installments beginning on May 8, 2008, the second anniversary of the date of the award, provided the reporting person continues to be an employee of Boston Scientific.
- (3) Grant to the reporting person of an option to buy a specified number of shares of common stock exercisable 25% on May 8, 2007, 50% on May 8, 2008, 75% on May 8, 2009 and 100% on May 8, 2010, the anniversary date of the grant.

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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