

BOSTON SCIENTIFIC CORP
 Form 4
 February 10, 2005

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 *
 TAYLOR JAMES H JR

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

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 ONE BOSTON SCIENTIFIC PLACE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 02/09/2005

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Sr. VP, Operations

NATICK, MA 017601537

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

(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)		
				Code	V	Amount				(A) or (D)	Price
Common Stock	02/09/2005		M			12,500	A	\$ 12.5	16,860	D	
Common Stock	02/09/2005		M			25,000	A	\$ 21.255	41,860	D	
Common Stock	02/09/2005		S			20,900	D	\$ 32.85	20,960	D	
Common Stock	02/09/2005		S			3,000	D	\$ 32.9	17,960	D	
Common Stock	02/09/2005		S			4,800	D	\$ 32.91	13,160	D	

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Common Stock	02/09/2005	S	3,800	D	\$ 32.95	9,360	D	
Common Stock						10,807	I	By 401(k) <u>(1)</u>

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

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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. Amount or Number of Shares
Stock Option (Right to Buy)	\$ 12.5	02/09/2005		M	12,500	<u>(2)</u> 12/17/2011	Common Stock	12,500
Stock Option (Right to Buy)	\$ 21.255	02/09/2005		M	25,000	<u>(3)</u> 12/09/2012	Common Stock	25,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
TAYLOR JAMES H JR ONE BOSTON SCIENTIFIC PLACE NATICK, MA 017601537			Sr. VP, Operations	

Signatures

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

02/10/2005

 **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) Balance reflects the most current data available with regard to share holdings in the Company's 401(k) Savings Plan.
- (2) Grant to the reporting person of an option to buy a specified number of shares of Common Stock exercisable 25% on December 17, 2002, 50% on December 17, 2003, 75% on December 17, 2004 and 100% on December 17, 2005, the anniversary date of the grant.
- (3) Grant to the reporting person of an option to buy a specified number of shares of Common Stock exercisable 25% on December 9, 2003, 50% on December 9, 2004, 75% on December 9, 2005 and 100% on December 9, 2006, 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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