

BOSTON SCIENTIFIC CORP
 Form 3/A
 May 26, 2006

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 * Â BARTELL MARK C (Last) (First) (Middle) ONE BOSTON SCIENTIFIC PLACE (Street) NATICK,Â MAÂ 017601537 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 05/08/2006	3. Issuer Name and Ticker or Trading Symbol BOSTON SCIENTIFIC CORP [(BSX)]	4. Relationship of Reporting Person(s) to Issuer (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, Global Sales & Mkt CRM	5. If Amendment, Date Original Filed(Month/Day/Year) 05/10/2006	6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
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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	1,812 ⁽¹⁾	I	By ESPP
Common Stock	468 ⁽¹⁾	I	By Spouse's ESPP

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 (Instr. 4)	4. Conversion or Exercise Price of	5. Ownership Form of Derivative	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Derivative Security	Security: Direct (D) or Indirect (I) (Instr. 5)
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Reporting Owners

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

Signatures

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

05/26/2006

__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) This amendment reflects shares purchased through Guidant's Employee Stock Purchase Plan by the reporting person as well as shares purchased by the reporting person's spouse and omitted from his original Form 3. The shares were converted to Boston Scientific shares after closing of the merger. These shares were also omitted from one Form 4 filed by the reporting person after his original Form 3 was filed.

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.