

BOSTON SCIENTIFIC CORP
 Form 4
 May 11, 2006

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

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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 *
MARIO ERNEST

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)
05/10/2006

Director 10% Owner
 Officer (give title below) Other (specify below)

NATICK, MA 017601537

(City) (State) (Zip)

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

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 Indirect Ownership (Instr. 4)			
			Code	V	Amount	(A) or (D)	Price			
Common Stock	05/10/2006		P		100	A	\$ 21.3	100	I	By Mario Family Partners (1)
Common Stock	05/10/2006		P		200	A	\$ 21.31	300	I	By Mario Family Partners (1)
Common Stock	05/10/2006		P		9,700	A	\$ 21.32	10,000	I	By Mario Family Partners

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Common Stock	05/10/2006	P	5,700	A	\$ 21.33	15,700	I	(1) By Mario Family Partners (1)
Common Stock	05/10/2006	P	28,400	A	\$ 21.35	44,100	I	(1) By Mario Family Partners (1)
Common Stock	05/10/2006	P	5,900	A	\$ 21.4	50,000	I	(1) By Mario Family Partners (1)
Common Stock						91,467	D	
Common Stock						20,000	I	By IRA
Common Stock						16,700	I	By Spouse

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. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned (Instr. 6)
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
						Code	V	(A)	(D)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MARIO ERNEST ONE BOSTON SCIENTIFIC PLACE NATICK, MA 017601537		X		

Signatures

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

05/11/2006

__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) Mario Family Partners is a partnership in which reporting person is a general partner.

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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