

BOSTON SCIENTIFIC CORP  
 Form 3  
 December 23, 2004

**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 *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â Russell Mary E		(Month/Day/Year)	BOSTON SCIENTIFIC CORP [(BSX)]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
		12/14/2004		
ONE BOSTON SCIENTIFIC PLACE			(Check all applicable)	
(Street)			<input type="checkbox"/> Director	<input type="checkbox"/> 10% Owner
			<input checked="" type="checkbox"/> Officer	<input type="checkbox"/> Other
			(give title below)	(specify below)
NATICK,Â MAÂ 017601537			SVP and CMO	
(City)	(State)	(Zip)		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

**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)
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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 Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

(Instr. 5)

Stock Option (Right to Buy)	Â <u>(1)</u>	12/19/2010	Common Stock	5,000	\$ 6.655	D	Â
Stock Option (Right to Buy)	Â <u>(2)</u>	07/17/2011	Common Stock	15,000	\$ 8.99	D	Â
Stock Option (Right to Buy)	Â <u>(3)</u>	12/17/2011	Common Stock	12,000	\$ 12.5	D	Â
Stock Option (Right to Buy)	Â <u>(4)</u>	12/09/2012	Common Stock	19,500	\$ 21.255	D	Â
Stock Option (Right to Buy)	Â <u>(5)</u>	12/11/2013	Common Stock	100,000	\$ 34.79	D	Â
Stock Option (Right to Buy)	Â <u>(6)</u>	05/20/2014	Common Stock	50,000	\$ 37.32	D	Â
Stock Option (Right to Buy)	Â <u>(7)</u>	06/15/2014	Common Stock	100,000	\$ 41.98	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Russell Mary E ONE BOSTON SCIENTIFIC PLACE NATICK, MA 017601537	Â	Â	Â SVP and CMO	Â

## Signatures

By: /s/ Lawrence J. Knopf, 12/23/2004  
Attorney-in-fact

\_\_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) Grant to the reporting person of an option to buy a specified number of shares of Common Stock exercisable in equal annual increments on December 19, 2001, 2002, 2003 and 2004, the anniversary date of this grant.
  - (2) Grant to the reporting person of an option to purchase a specified number of shares of common stock of the Company exercisable in equal annual increments on July 17, 2002, 2003, 2004 and 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 17, 2002, 50% on December 17, 2003, 75% on December 17, 2004 and 100% on December 17, 2005, the anniversary date of the grant.
  - (4) 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.
  - (5) Grant to the reporting person of an option to purchase a specified number of shares exercisable in equal annual installments beginning on December 11, 2004, 2005, 2006 and 2007, the anniversary date of the grant.
  - (6) Grant to the reporting person of an option to buy a specified number of shares of Common Stock exercisable in equal annual increments on May 20, 2005, 2006, 2007 and 2008, the anniversary date of this grant.

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- (7) Grant to the reporting person of an option to buy a specified number of shares of Common Stock exercisable in equal annual increments on June 15, 2005, 2006 and 2007, the anniversary date of this grant.

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.