

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934  
or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person * <u>Conroy Alexandre</u>  (Last) (First) (Middle) <u>C/O BECTON, DICKINSON AND COMPANY</u> <u>1 BECTON DRIVE</u>  (Street) <u>FRANKLIN LAKES NJ 07417</u>  (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>06/01/2012</u>	3. Issuer Name and Ticker or Trading Symbol <u>BECTON DICKINSON &amp; CO [ BDX ]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below)  <u>Senior Vice President</u>	5. If Amendment, Date of Original Filed (Month/Day/Year)  6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person 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)
Common Stock	7,411 <sup>(1)</sup>	D	
Common Stock	31,482	I	GSIP Trust <sup>(2)</sup>

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: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				
Employee Stock Option (right to buy)	11/23/2005 <sup>(3)</sup>	11/23/2014	Common Stock	7,641	54.41	D
Stock Appreciation Rights	11/21/2006 <sup>(4)</sup>	11/21/2015	Common Stock	7,626	59.16	D
Stock Appreciation Rights	11/21/2007 <sup>(5)</sup>	11/21/2016	Common Stock	6,876	71.72	D
Stock Appreciation Rights	11/20/2008 <sup>(6)</sup>	11/20/2017	Common Stock	5,546	84.33	D
Stock Appreciation Rights	11/25/2009 <sup>(7)</sup>	11/25/2018	Common Stock	7,338	62.5	D
Stock Appreciation Rights	11/24/2010 <sup>(8)</sup>	11/24/2019	Common Stock	10,127	75.63	D
Stock Appreciation Rights	11/23/2011 <sup>(9)</sup>	11/23/2020	Common Stock	9,147	76.64	D
Stock Appreciation Rights	11/22/2012 <sup>(10)</sup>	11/22/2021	Common Stock	11,763	72.12	D

## Explanation of Responses:

- Includes 1,042 restricted stock units awarded under the Becton, Dickinson and Company 2004 Employee and Director Equity-Based Compensation Plan.
- Represents shares of common stock held under the Becton, Dickinson and Company Global Share Investment Program (the "GSIP"). The information presented for the GSIP is as of May 31, 2012.
- The option became exercisable in four annual installments beginning November 23, 2005.
- The stock appreciation rights vest in four annual installments beginning November 21, 2006.
- The stock appreciation rights vest in four annual installments beginning November 21, 2007.
- The stock appreciation rights vest in four annual installments beginning November 20, 2008.
- The stock appreciation rights vest in four annual installments beginning November 25, 2009.
- The stock appreciation rights vest in four annual installments beginning November 24, 2010.
- The stock appreciation rights vest in four annual installments beginning November 23, 2011.
- The stock appreciation rights vest in four annual installments beginning November 22, 2012.

## Remarks:

Richard Stout, by power of attorney for Alexandre Conroy

06/07/2012

\*\* Signature of Reporting Person

Date

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

\* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.