Sirgo Mark A Form 5 January 31, 2011

OMB APPROVAL FORM 5 **OMB** UNITED STATES SECURITIES AND EXCHANGE COMMISSION 3235-0362 Number: Washington, D.C. 20549 Check this box if January 31, Expires: no longer subject 2005 to Section 16. Estimated average ANNUAL STATEMENT OF CHANGES IN BENEFICIAL Form 4 or Form burden hours per 5 obligations OWNERSHIP OF SECURITIES response... 1.0 may continue. See Instruction Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940 Form 4 Transactions Reported 1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer Sirgo Mark A Symbol **BIODELIVERY SCIENCES** (Check all applicable) INTERNATIONAL INC [BDSI] (Middle) 3. Statement for Issuer's Fiscal Year Ended (Last) (First) _X_ Director 10% Owner _X__ Officer (give title Other (specify (Month/Day/Year) below) below) 12/31/2010 President and CEO C/O BIODELIVERY SCIENCES INTL, INC., Â 801 CORPORATE **CENTER DRIVE, SUITE 210** (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year) (check applicable line) RALEIGH, ÂNCÂ 27607 _X_ Form Filed by One Reporting Person Form Filed by More than One Reporting (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 3. 1.Title of 2. Transaction Date 2A. Deemed 4. Securities 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction Acquired (A) or Securities Form: Direct Indirect (D) or (Instr. 3) Disposed of (D) Beneficially Beneficial Code (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned at end Indirect (I) Ownership of Issuer's (Instr. 4) (Instr. 4) (A) Fiscal Year or (Instr. 3 and 4) Amount (D) Price

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)

(9-02)

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Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transaction Code (Instr. 8)	Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		Expiration Date (Month/Day/Year)		(Instr. 3 and 4)	
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amo or Num of Sl
Option (to buy)	\$ 3.9	01/21/2010	Â	A4	37,348	Â	01/21/2011(1)	01/21/2020	Common Stock	37,

5. Number of

6. Date Exercisable and

7. Title and Amou

Reporting Owners

Reporting Owner Name / Address	Relationships					
1	Director	10% Owner	Officer	Other		
Sirgo Mark A C/O BIODELIVERY SCIENCES INTL, INC. 801 CORPORATE CENTER DRIVE, SUITE 210 RALEIGH, NC 27607	ÂX	Â	President and CEO	Â		

Signatures

1. Title of 2.

/s/ Mark A.
Sirgo

**Signature of Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

3. Transaction Date 3A. Deemed

- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- One third of the options granted herein will vest on each of the following dates, January 21, 2011; January 21, 2012 and January 21, 2013, subject to the condition that the reporting person is employed by the Issuer on each of the respective dates.
- (2) Not applicable. Such options were granted by the Issuer in connection as employee compensation.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.

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