## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL OMB Number: 3235-0287 Estimated average burden hours per response: 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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 <sup>*</sup> Murphy A Brett						2. Issuer Name and Ticker or Trading Symbol GLOBUS MEDICAL INC [GMED]									5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
						3. Date of Earliest Transaction (Month/Day/Year)									Director Officer (give title				10% Owner Other (specify	
(Last) (First) (Middle)						08/29/2012										elow			below)	specily
VALLEY FORGE BUSINESS CENTER						Executive VP, US Sales														
2560 GENERAL ARMISTEAD AVENUE					4. If A	4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable Line)					
(Street)															X Form filed by One Reporting Person					
AUDUBON PA 19403															Form filed by More than One Reporting					
															Person					
(City)	(S		(Zip)																	
		Tab	le I - N	lon-Deriv	vative	Sec	urities	s Ac	quired, I	Dis						ne	d	_		
1. Title of	Security (Ins	str. 3)		2. Transa Date		2A. Deemed Execution Date,			3. Transaction Code (Instr.						3, 4 Securi		ies	For	Ownership m: Direct	7. Nature of Indirect
(Month/Day					ay/Year)	y/Year)   if any (Month/Day/Year)				str.	and	5)			Beneficially Owned Following			(D) or Indirect (I) (Instr. 4)		Beneficial Ownership (Instr. 4)
								Code	v	/ Amoun		nt (A) or		Rep	Reported Transaction(s)		(		(111501.4)	
										Ľ			(D)	Price			3 and 4)			
Class A Common Stock								152,320						2,320		D				
	Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																			
1. Title of	2.	3. Transaction	3A. Dee	emed	4.		5. Num		6. Date Exe	ercis	able ar	nd 7. 1	itle and	1	8. Price	e	9. Number	of	10.	11. Nature
Derivative   Conversion   Date   Execution   Date     Security   or Exercise   (Month/Day/Year)   if any					Transac Code (Ir	e (Instr. Derivative		Expiration (Month/Da			Sec	ount of urities		of Derivat				Ownership Form: Direct (D)	Beneficial	
(Instr. 3) Price of (Month/Day/Year) 8 Derivative Security							Securities Acquired (A) or Disposed of (D)					Dei	Underlying Derivative Secu		Security (Instr. 5)		Beneficially Owned Following		or Indirect (I) (Instr.	Ownership (Instr. 4)
											(Instr. 3 and 4)		u 4)			Reported Transaction(s)		4)		
							(Instr. 3, 4 and 5)									(Instr. 4)				
											Amount	t								
													I	or Number						
					Code	v	(A)	(D)	Date Exercisabl		xpiratio ate	on Titl		of Shares						
Stock Option																				
(Right to Buy Class	\$15.34	08/29/2012			А		10,000		(1)	0	8/29/20		ass A nmon	10,000	\$0.00	0	10,000		D	
A Common													tock	10,000						
Stock)																				
Stock Option																				
(Right to Buy Class	\$2.93								(2)	1	1/01/20	Cl 16 Cor	nss A nmon	107,692			107,692	2	D	
A Common												S	tock							
Stock)															<u> </u>					
Stock Option																				
(Right to Buy Class	\$4.88								(3)	0	8/06/20		ass A nmon	9,230			9,230		D	
A Common												S	tock							
Stock)								$\square$		╞		_			<u> </u>				<u> </u>	ļ
Stock Option																				
(Right to Buy Class	\$11.87								(4)	0	5/16/20	20 Coi	ass A nmon	9,230			9,230		D	
A Common												S	tock							
Stock)																				

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.		5. Number of		6. Date Exer Expiration D (Month/Day/	ate	7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option (Right to Buy Class A Common Stock)	\$11.28							(5)	04/20/2021	Class A Common Stock	15,384		15,384	D	
Stock Option (Right to Buy Class A Common Stock	\$10.66							(6)	10/27/2021	Class A Common Stock	12,307		12,307	D	

## Explanation of Responses:

1. These options were granted on August 29, 2012, and vest over a four-year period with one-fourth (1/4) of the options granted vesting on January 1, 2013, the first anniversary of the vesting commencement date, and the balance of the options granted vesting ratably on a monthly basis over the following 36 months.

2. These options were granted on November 1, 2006, and vested over a four-year period with one-fourth (1/4) of the options granted vesting on November 1, 2007, the first anniversary of the vesting commencement date, and the balance of the options granted vesting ratably on a monthly basis over the following 36 months.

3. These options were granted on August 6, 2009, and vest over a four-year period with one-fourth (1/4) of the options granted vesting on January 1, 2010, the first anniversary of the vesting commencement date, and the balance of the options granted vesting ratably on a monthly basis over the following 36 months.

4. These options were granted on June 16, 2010, and vest over a four-year period with one-fourth (1/4) of the options granted vesting on January 1, 2011, the first anniversary of the vesting commencement date, and the balance of the options granted vesting ratably on a monthly basis over the following 36 months.

5. These options were granted on April 20, 2011, and vest over a four-year period with one-fourth (1/4) of the options granted vesting on February 8, 2012, the first anniversary of the vesting commencement date, and the balance of the options granted vesting ratably on a monthly basis over the following 36 months.

6. These options were granted on October 27, 2011, and vest over a four-year period with one-fourth (1/4) of the options granted vesting on January 1, 2012, the first anniversary of the vesting commencement date, and the balance of the options granted vesting ratably on a monthly basis over the following 36 months.

Remarks:

<u>/s/ David P. Creekman,</u> <u>Attorney-in-Fact</u>

08/31/2012

\*\* 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 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).

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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