

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

OMB APPROVAL	
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1. Name and Address of Reporting Person* BARNETT GREG L (Last) (First) (Middle) 1600 W. MERIT PARKWAY (Street) SOUTH JORDAN UT 84095 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol MERIT MEDICAL SYSTEMS INC [MMSI]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) Chief Accounting Officer
	3. Date of Earliest Transaction (Month/Day/Year) 04/18/2011	
		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 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 Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock, No Par Value	04/18/2011		M		4,779	A	\$7.61	4,779	D	
Common Stock, No Par Value	04/18/2011		M		10,277	A	\$9.74	15,056	D	
Common Stock, No Par Value	04/18/2011		S		15,056	D	\$22.42 ⁽⁷⁾	0	D	
Common Stock, No Par Value								4,759	I	By 401(k) plan ⁽¹⁾

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 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				
Non-qualified stock options (right to buy)	\$7.61	04/18/2011		M		4,779		12/08/2002 ⁽²⁾	12/08/2011	Common Stock	4,779	\$0	0	D	
Non-qualified stock options (right to buy)	\$9.74	04/18/2011		M		10,277		02/06/2004 ⁽³⁾	02/06/2013	Common Stock	10,277	\$0	7,500	D	
Non-qualified stock options (right to buy)	\$21.67							12/13/2004 ⁽⁴⁾	12/13/2013	Common Stock	7,000		7,000	D	
Non-qualified stock options (right to buy)	\$13.81							06/10/2004	06/10/2014	Common Stock	3,000		3,000	D	
Non-qualified stock options (right to buy)	\$15.03							12/18/2004	12/18/2014	Common Stock	10,000		10,000	D	

**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)				6. Date Exercisable and Expiration Date (Month/Day/Year)		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				
Non-qualified stock options (right to buy)	\$12.14							12/28/2005	12/28/2015	Common Stock	10,000		10,000	D	
Non-qualified stock options (right to buy)	\$12.13							06/27/2008 ⁽⁵⁾	06/27/2014	Common Stock	10,000		10,000	D	
Non-qualified stock options (right to buy)	\$14.41							05/21/2009 ⁽⁶⁾	05/21/2015	Common Stock	20,000		20,000	D	

Explanation of Responses:

1. Represents plan holdings as of 04/15/2011.
2. Becomes exercisable in equal annual installments of 20% commencing 12/08/02.
3. Becomes exercisable in equal annual installments of 20% commencing 02/06/04.
4. Becomes exercisable in equal annual installments of 20% commencing 12/13/04.
5. Becomes exercisable in equal annual installments of 20% commencing 06/27/08.
6. Becomes exercisable in equal annual installments of 20% commencing 05/21/09.
7. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$22.19 to \$22.74, inclusive. The reporting person undertakes to provide to Merit Medical Systems, Inc., any security holder of Merit Medical Systems, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this Form 4.

Gregory L. Barnett

04/19/2011

** 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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