

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* LAMPROPOULOS FRED P			2. Issuer Name and Ticker or Trading Symbol MERIT MEDICAL SYSTEMS INC [MMSI]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) President & CEO		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 04/15/2010			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		
1600 W MERIT PARKWAY			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street) SOUTH JORDAN UT 84095								
(City)	(State)	(Zip)						

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	04/15/2010		S		5,000	D	\$15.91 ⁽¹⁾	785,369	D	
Common Stock, No Par Value								65,088	I	By 401(k) Plan ⁽²⁾

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					
Non-qualified stock options (right to buy)	\$2.85							05/23/2001	05/23/2011	Common Stock	27,777	27,777	D	
Non-qualified stock options (right to buy)	\$7.61							12/08/2002 ⁽³⁾	12/08/2011	Common Stock	88,889	88,889	D	
Non-qualified stock options (right to buy)	\$9.56							05/23/2002	05/23/2012	Common Stock	17,777	17,777	D	
Non-qualified stock options (right to buy)	\$9.74							02/06/2004 ⁽⁴⁾	02/06/2013	Common Stock	71,111	71,111	D	

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
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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)	\$10.47							05/22/2003	05/22/2013	Common Stock	26,667		26,667	D	
Non-qualified stock options (right to buy)	\$21.67							12/13/2004 ⁽⁵⁾	12/13/2013	Common Stock	28,000		28,000	D	
Non-qualified stock options (right to buy)	\$21.67							12/13/2003	12/13/2013	Common Stock	15,000		15,000	D	
Non-qualified stock options (right to buy)	\$13.81							06/10/2004	06/10/2014	Common Stock	15,000		15,000	D	
Non-qualified stock options (right to buy)	\$13.81							06/10/2004	06/10/2014	Common Stock	12,000		12,000	D	
Non-qualified stock options (right to buy)	\$15.03							12/18/2004	12/18/2014	Common Stock	40,000		40,000	D	
Non-qualified stock options (right to buy)	\$14.26							05/25/2005	05/25/2015	Common Stock	15,000		15,000	D	
Non-qualified stock options (right to buy)	\$17.99							07/15/2005	07/15/2015	Common Stock	75,000		75,000	D	
Non-qualified stock options (right to buy)	\$12.14							12/28/2005	12/28/2015	Common Stock	40,000		40,000	D	
Non-qualified stock options (right to buy)	\$11.52							05/25/2007 ⁽⁶⁾	05/25/2013	Common Stock	15,000		15,000	D	
Non-qualified stock options (right to buy)	\$12.13							06/27/2008 ⁽⁷⁾	06/27/2014	Common Stock	40,000		40,000	D	

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				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Non-qualified stock options (right to buy)	\$12.13							06/27/2008 ⁽⁷⁾	06/27/2014	Common Stock	15,000		15,000	D	
Non-qualified stock options (right to buy)	\$14.41							05/21/2009 ⁽⁸⁾	05/21/2015	Common Stock	55,000		55,000	D	
Non-qualified stock options (right to buy)	\$17.28							09/26/2010 ⁽⁹⁾	09/26/2016	Common Stock	20,000		20,000	D	

Explanation of Responses:

- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$15.88 to \$15.95, 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 footnote (1) to this Form 4.
- Represents plan holdings as of April 15, 2010.
- Becomes exercisable in equal annual installments of 20% commencing 12/8/2002.
- Becomes exercisable in equal annual installments of 20% commencing 2/6/2004.
- Becomes exercisable in equal annual installments of 20% commencing 12/13/2004.
- Becomes exercisable in equal annual installments of 33.33% commencing 5/25/2007.
- Becomes exercisable in equal annual installments of 20% commencing 6/27/2008.
- Becomes exercisable in equal annual installments of 20% commencing 5/21/2009.
- Becomes exercisable in equal annual installments of 20% commencing 9/26/2010.

Rashelle Perry, Attorney-in-Fact 04/19/2010

** 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.

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.