MERIT ME Form 4 May 22, 200	DICAL SYSTEM )8	S INC	-								
FORM	ЛЛ								APPROVAL		
	UNITED	STATES		RITIES A shington,			E COMMISSIO	N OMB Number:	3235-0287		
Check th if no lon	cor							Expires:	January 31, 2005		
subject t Section Form 4 c	6. <b>STATEN</b>	STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES							ated average n hours per nse 0.5		
Form 5 obligatic may con <i>See</i> Instr 1(b).	tinue. Section 17(a	a) of the	Public U		ding Cor	npany A	nange Act of 1934 ct of 1935 or Secti 2 1940				
(Print or Type	Responses)										
1. Name and A STANGER	Address of Reporting 1 KENT W	Person <u>*</u>	Symbol	r Name and MEDICA		-	5. Relationship Issuer	of Reporting F	Person(s) to		
			[MMSI]				(Ch	(Check all applicable)			
(Last) (First) (Middle) 1600 W MERIT PARKWAY			3. Date of Earliest Transaction (Month/Day/Year) 05/21/2008				below)	XOfficer (give title Other (specify			
1000 11 111						1					
	(Street)	-		ndment, Da nth/Day/Year	-	1	6. Individual or Applicable Line) _X_ Form filed by Form filed by	y One Reporting	Person		
SOUTH JO	ORDAN, UT 8409:	5					Person		1 0		
(City)	(State)	(Zip)	Tabl	e I - Non-I	Derivative	Securities	Acquired, Disposed	of, or Benefic	ially Owned		
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution any		Code (Instr. 8)	4. Securi onAcquirec Disposec (Instr. 3, Amount	(A) or of (D)	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)		
Common Stock, No Par Value						(2)	54,330	I	By 401(k) plan (1)		
Common Stock, No Par Value							148,041	I	Family Limited Partnership		
Common Stock, No Par Value							3,416 <u>(2)</u>	D			
Common Stock, No							418,630	D			

#### Par Value

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

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 control number.

# 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)	<ul> <li>4. 5. Number of TransactiorDerivative Code Securities</li> <li>(Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)</li> </ul>		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Am Underlying Sec (Instr. 3 and 4)		
				Code V		(A)	(D)	Date Exercisable	Expiration Date	A Title N o
Non-qualified stock options (right to buy)	\$ 2.07							02/12/2002 <u>(3)</u>	02/12/2011	Common Stock
Non-qualified stock options (right to buy)	\$ 2.85							05/23/2001	05/23/2011	Common Stock
Non-qualified stock options (right to buy)	\$ 7.61							12/08/2002 <u>(4)</u>	12/08/2011	Common Stock
Non-qualified stock options (right to buy)	\$ 9.56							05/23/2002	05/23/2012	Common Stock
Non-qualified stock options (right to buy)	\$ 9.74							02/06/2004(5)	02/06/2013	Common Stock
Non-qualified stock options (right to buy)	\$ 10.47							05/22/2003	05/22/2013	Common Stock
Non-qualified stock options (right to buy)	\$ 21.67							12/13/2003	12/13/2013	Common Stock
Non-qualified stock options (right to buy)	\$ 21.67							12/13/2004	12/13/2013	Common Stock

Non-qualified stock options (right to buy)	\$ 13.81				06/10/2004	06/10/2014	Common Stock	
Non-qualified stock options (right to buy)	\$ 13.81				06/10/2004	06/10/2014	Common Stock	
Non-qualified stock options (right to buy)	\$ 15.03				12/18/2004	12/18/2014	Common Stock	4
Non-qualified stock options (right to buy)	\$ 14.26				05/25/2005	05/25/2015	Common Stock	1
Non-qualified stock options (right to buy)	\$ 12.14				12/28/2005	12/28/2015	Common Stock	2
Non-qualified stock options (right to buy)	\$ 11.52				05/25/2007 <u>(6)</u>	05/25/2013	Common Stock	]
Non-qualified stock options (right to buy)	\$ 12.13				06/27/2008 <u>(7)</u>	06/27/2014	Common Stock	2
Non-qualified stock options (right to buy)	\$ 12.13				06/27/2008 <u>(7)</u>	06/27/2014	Common Stock	1
Non-qualified stock options (right to buy)	\$ 14.41	05/21/2008	А	35,000	05/21/2009(8)	05/21/2015	Common Stock	

## **Reporting Owners**

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
STANGER KENT W 1600 W MERIT PARKWAY SOUTH JORDAN, UT 84095	Х		Chief Financial Officer					
	А		Chief Financial Officer					

## Signatures

Kent W. Stanger 05/22/2008 <u>\*\*</u>Signature of Reporting Person

Date

**Explanation of Responses:** 

\* 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).

- (1) Represents plan holdings as of 05/21/08.
- (2) Employee stock purchase plan as of 12/31/05.
- (3) Becomes exercisale in equal annual installments of 20% commencing 2/12/02.
- (4) Becomes exercisable in equal annual installments of 20% commencing 12/08/02.
- (5) Becomes exercisable in equal annual installments of 20% commencing 02/06/04.
- (6) Becomes exercisable in equal annual installments of 33% commencing 05/25/07.
- (7) Becomes exercisable in equal annual installments of 20% commencing 06/27/08.
- (8) Becomes exercisable in equal annual installments of 20% commencing 05/21/09.

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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