## SEC Form 4

## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

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1. Name and Addres	1 0	1*	2. Issuer Name and Ticker or Trading Symbol CYTORI THERAPEUTICS, INC. [ CYTX ]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
HEDRICK M	<u>ARC H</u>			X	Director	10% Owner		
(Last) 3020 CALLAN I	st) (First) (Middle) 20 CALLAN ROAD		3. Date of Earliest Transaction (Month/Day/Year) 05/07/2009	X	Officer (give title below) President	Other (specify below)		
(Street)			4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line)	idual or Joint/Group Filing ((	Check Applicable		
SAN DIEGO	CA	92121		X	Form filed by One Report	ing Person		
(City)	(State)	(Zip)			Form filed by More than C Person	One Reporting		

#### 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)					5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(Instr. 4)
Common Stock	05/07/2009		Р		20,000	A	<b>\$2.28</b> <sup>(1)</sup>	448,238	D	
Common Stock								4,000	Ι	By IRA
Common Stock								7,800	Ι	By Family Trust

# 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. Transa Code ( 8)		of		6. Date Exercia Expiration Dat (Month/Day/Ye	te	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				
Warrant to Purchase Common Stock	\$2.62	05/07/2009 <sup>(1)</sup>		Р		35,000		05/12/2009 <sup>(1)</sup>	05/12/2014	Common Stock	35,000	\$2.28 <sup>(1)</sup>	35,000	D	

Explanation of Responses:

1. On May 7, 2009, Dr. Hedrick entered into a Securities Purchase Agreement with the Company to purchase 20,000 Units ("Unit") at a purchase price of \$2.28 per Unit. Each Unit consists of 1 unregistered share of the Company?s Common Stock and 1.75 Common Stock warrants ("Warrants"). The exercise price of the Warrants is \$2.62 per share. The Warrants are immediately exercisable upon issuance, and expire on the fifth anniversary of their issue date.

Remarks:

Jonathan E. Soneff, By Power of Attorney For: Marc H. Hedrick

05/11/2009

\*\* 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.