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).					
Name and Address of Departing Days						

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

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

Name and Address of Reporting Person*  HEDRICK MARC H						2. Issuer Name <b>and</b> Ticker or Trading Symbol <u>CYTORI THERAPEUTICS, INC.</u> [ CYTX ]										5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
III	CIT IVIII	<u>tc 11</u>													X	Direc			10% C		
(Last) (First) (Middle) 3020 CALLAN ROAD						3. Date of Earliest Transaction (Month/Day/Year) 12/19/2012										Officer (give title below)  Other (specify below)  President					
(Street) SAN DIEGO CA 92121 (City) (State) (Zip)						12/21/2012 Line) X Fo											or Joint/Group Filing (Check Applicable rm filed by One Reporting Person rm filed by More than One Reporting				
(City)																					
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																				
					2. Transaction Date (Month/Day/Year)		2A. Deemed Execution Date, if any (Month/Day/Year)		Code	actior (Instr	n Disposed	4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4 5)				Secur Benef Owne	icially d Following	6. Own Form: (D) or I (I) (Inst	Direct ndirect	7. Nature of Indirect Beneficial Ownership	
									Code	v	Amount		(A) or (D)	A) or D) Price		Reported Transaction(s) (Instr. 3 and 4)				(Instr. 4)	
Common	Stock			12/19/2012		!			P		10,00	0	A	\$2	.85(1)	4	58,238	D	(2)		
Common Stock																	9,600		I	By Family Trust <sup>(3)</sup>	
Common Stock																	7,500		I	By IRA	
Restricted Stock (Common Stock)										Π						36,850		]	)		
Restricted Stock (Common Stock)															25,000		]	)			
		Та									osed of, convertib					wned					
1. Title of Derivative Security (Instr. 3)	Title of 2. 3. Transaction 3A. Deemed Execution Date Execution Execution I if any			ed 4. Date, Transaction Code (Inst		actio	5. Number of			Exerc on Da	isable and	7. 7 Am Sec Un De Sec	7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. P Der Sec (Ins	rice of vative urity tr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ow For Dire or I (I) (	nership m: ect (D) ndirect Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	v	(A)	(D)	Date Exercis	able	Expiration Date	Titl	OI N Of	lumbei								

## **Explanation of Responses:**

- 1. Dr. Hedrick purchased the shares in connection with a public offering of company shares which closed on December 19, 2012.
- 2. This amends the Form 4 filed earlier on 12/21/2012 to reflect that the shares will be held directly by Dr. Hedrick.
- 3. These securities are owned by M Hedrick & T Hedrick TTEE Dr. Marc Hamilton Hedrick & TRA U/A DTD 09/13/1999.

## Remarks:

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

12/21/2012

\*\* 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.

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.