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
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1. Name and Addre HOLMES E		5	2. Issuer Name and Ticker or Trading Symbol <u>CYTORI THERAPEUTICS, INC.</u> [CYTX]		tionship of Reporting Person(s) to Issuer all applicable) Director 10% Owner					
(Last) 3020 CALLAN	(First) ROAD	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 02/09/2010		Officer (give title below)	Other (specify below)				
(Street) SAN DIEGO	,		4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line) X	vidual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting Person					
(City)	(State)	(Zip)	rivative Securities Acquired Disposed of ar Benef	cially	Owned					
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)					Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership
			Code	v	Amount	(A) or (D)	Price	 Reported Transaction(s) (Instr. 3 and 4) 		(Instr. 4)
Restricted Stock Award (Common Stock) ⁽¹⁾	02/09/2010		A		768	A	\$0	18,401	Ι	By Trust ⁽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. Transa Code (8)		of		6. Date Exerci 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				
Non- Qualified Stock Option	\$6.84	02/09/2010		A		20,000		03/09/2010 ⁽³⁾	02/09/2020	Common Stock	20,000	\$0	215,000	D	

Explanation of Responses:

1. The Restricted Stock Award ("Award") vests in full on December 31, 2010, unless Dr. Holmes voluntarily resigns prior to 12/31/10, or if he is nominated, but declines to stand for re-election at the Company's 2010 Annual Meeting. Vesting of the Award will be accelerated upon Dr. Holmes' death or failure to be re-elected at the Company's 2010 Annual Meeting.

2. These shares are held of record by E. Carmack Holmes & Carolyn K Holmes TTEE, Holmes Living Trust DD 05/15/92.

3. The Option vests 1/24th per month from date of grant.

Remarks:

Jonathan E. Soneff, By Power of Attorney For: E. Carmack Holmes

02/10/2010

** 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.