FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| | OMB APPRO | OVAL | | | | | | | |
|---|--------------------------|-----------|--|--|--|--|--|--|--|
| | OMB Number: | 3235-0287 | | | | | | | |
| l | 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).

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* RICKEY DAVID | | | | | | 2. Issuer Name and Ticker or Trading Symbol CYTORI THERAPEUTICS, INC. [CYTX] | | | | | | | | | | | olicable) | ., | Person(s) to Issuer 10% Owner | |
|---|--|--|--|---------|-----------------------------------|--|---|---------------------------------|--------------------------------------|--|------------------------------|--|---|-----------------------|---|-----------------|---|---|---------------------------------------|--|
| (Last) (First) (Middle) 3020 CALLAN ROAD | | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 08/21/2015 | | | | | | | | | | Office below | er (give title v) | | ner (specify ow) | |
| (Street) SAN DIEGO CA 92121 (City) (State) (Zip) | | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | Individual or Joint/Group Filing (Check Applicable ne) X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | |
| | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Transac Date (Month/Date) | | | | | | Execution Date, | | | Transaction Disposed Code (Instr. 5) | | | ties Acquired (A) d Of (D) (Instr. 3, 4 | | | 4 and Sec Ber | | ount of ities icially d Following ted | 6. Ownersh Form: Direc (D) or Indire (I) (Instr. 4) | t of Indirect | |
| | | | | | | Code | v | Amount | (A (C | () or () | Price | | | action(s) 3 and 4) | | | | | | |
| Common | 08/21/2015 | | | | | P | | 50,000 |) | A \$0.3 | | 375 557,385 | | I | By Trust ⁽¹⁾ | | | | | |
| | 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) | vative Conversion Date Execution Da rrity or Exercise (Month/Day/Year) if any | | | n Date, | 4. Transaction Code (Instr. | | | ative rities ired osed | Expiration | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4) | | | | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership (Instr. 4) | |
| | | | | Code | v | | | | | Expiration Date | Number of Title Shares | | | | | | | | | |

Explanation of Responses:

1. These securities are owned by Dave Rickey, TTEE FBO the David Rickey Trust.

Remarks:

Jeremy Hayden, By Power of Attorney For: David Rickey

08/24/2015

** 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.