Instruction 1(b).

FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL    |           |  |  |  |  |  |  |  |  |
|-----------------|-----------|--|--|--|--|--|--|--|--|
| OMB Number:     | 3235-0287 |  |  |  |  |  |  |  |  |
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hours per response:

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* PEARSON J EDWARD                |  |   |         |  | 2. Issuer Name and Ticker or Trading Symbol HEALTHSTREAM INC [ HSTM ] |  |                                    |                       |   |            |  |   |                                   | 5. Relationship of Reporting Person(s) to Issu<br>(Check all applicable)<br>Director 10% Owr |   |                                     |  |  |  |
|---|---|--|---|---------|--|---|--|------------------------------------|-----------------------|---|------------|--|---|-----------------------------------|--|---|-------------------------------------|--|--|--|
| (Last) 123 SEC  | (F<br>CRETARIAT   | irst)<br>Γ PLACE                           | (Middle)  |         |  |   | e of Earliest Transaction (Month/Day/Year)<br>1/2008 |                                    |                       |   |            |  |   | X                                 |  |   |                                     | below)   | r (specify<br>v)   |  |
| (Street) HENDERSONVILLE TN 37075 (City) (State) (Zip)                       |   |  |   | 4. 1    | 4. If Amendment, Date of Original Filed (Month/Day/Year) |   |  |                                    |                       |   |            |  | 6. Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person     Form filed by More than One Reporting Person |                                   |  |   |                                     |  |  |  |
| (City)  | (5  | •  |   | -Deriv  | vativ  | e Se  | curities   | <u> </u>                           | nuired                | Die   | nosed o    | of or Be   | nefic   | ·iallv                            | Owned  | <u> </u>  |                                     |  |  |  |
| Table I - Non-Deriv  1. Title of Security (Instr. 3)  2. Trans Date (Month/ |   |  |   | saction | n<br>ear)  | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year)           |  | 3.<br>Transaction<br>Code (Instr.  |                       | 4. Securities Acquired (A) Disposed Of (D) (Instr. 3,         |            | red (A)  | or  | 5. Amou<br>Securitie<br>Beneficia | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following                                |   | n: Direct<br>r Indirect<br>sstr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4)        |  |  |
|   |   |  |   |         |  |   |  |                                    | Code                  | v   | Amount     | (A) (D)  | or Pri  | ice                               | Transact<br>(Instr. 3  | ion(s)  | (11341.4)                           |  |  |  |
| Common  | Stock   |  |   |         |  |   |  |                                    |                       |   |            |  |   | 13,400                            |  |   | D                                   |  |  |  |
|   |   |  | Table II - I                                      |         |  |   |  |                                    | uired, D<br>s, option |   |            |  |   |                                   | Owned  |   |                                     |  |  |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)                         | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution I<br>if any<br>(Month/Day | Date,   | Code (Ins  |   |  |                                    | Expiration            | i. Date Exercisable and<br>Expiration Date<br>Month/Day/Year) |            | 7. Title and Amo<br>of Securities<br>Underlying<br>Derivative Secu<br>(Instr. 3 and 4) |   |                                   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)  | 9. Numbe<br>derivative<br>Securities<br>Beneficia<br>Owned<br>Following<br>Reported<br>Transactie<br>(Instr. 4) | e<br>S<br>Illy                      | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |
|   |   |  |   |         | Code   | v   | (A)  | Date   Expiration   Title   Shares |                       | ber   |            |  |   |                                   |  |   |                                     |  |  |  |
| Employee<br>Stock<br>Option<br>(right to<br>buy)                            | \$2.8   | 04/04/2008                                 | 04/04/20  | 08      | A  |   | 3,200  |                                    | 04/04/200             | 9 0   | 14/04/2018 | Common<br>Stock  | 3,2   | 00                                | \$0.00   | 3,200   | )                                   | D  |  |  |
| Employee<br>Stock<br>Option<br>(right to<br>buy)                            | \$2.8   | 04/04/2008                                 | 04/04/2008  |         | A  |   | 6,400  |                                    | 04/04/201             | 0 0   | 14/04/2018 | Common<br>Stock  | 6,4   | 00                                | \$0.00 6,400   |   | )                                   | D  |  |  |
| Employee<br>Stock<br>Option<br>(right to<br>buy)                            | \$2.8   | 04/04/2008                                 | 04/04/20  | 08      | A  |   | 9,600  |                                    | 04/04/201             | 1 (   | 14/04/2018 | Common<br>Stock  | 9,6   | 00                                | \$0.00   | 9,600   | )                                   | D  |  |  |
| Employee<br>Stock<br>Option<br>(right to                                    | \$2.8   | 04/04/2008                                 | 04/04/20  | 08      | A  |   | 12,800   |                                    | 04/04/201             | 2 (   | 14/04/2018 | Common<br>Stock  | 12,8  | 300                               | \$0.00   | 12,80   | 0                                   | D  |  |  |

**Explanation of Responses:** 

Remarks:

/s/ Edward Pearson

04/04/2008

\*\* Signature of Reporting Person

Date

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

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.

<sup>\*</sup> If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

<sup>\*\*</sup> Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).