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, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

| OMB APPROVAL | | | | | | | |
|--------------------------|----------------------|--|--|--|--|--|--|
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| Estimated average burden | | | | | | | |
| hours per response | 0.5 | | | | | | |

| 1. Name and Address of Reporting Person* Kelly Kevin D | | | 2. Issuer Name and Ticker or Trading Symbol LEMAITRE VASCULAR INC [LMAT] | 5. Relationship of Reporting Person(s) to Issuer | | | | |
|--|---------------------------------|----------------------|---|--|--|---|--|--|
| (Last) C/O LEMAITR SECOND AVE | (First) RE VASCULAR, ENUE | (Middle) INC., 63 | 3. Date of Earliest Transaction (Month/Day/Year) 07/18/2007 | X | ck all applicable) Director Officer (give title below) V. P. North Ameri | 10% Owner Other (specify below) can Sales | | |
| (Street) BURLINGTON MA 01803 (City) (State) (Zip) | | | 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 | | | | |

| | 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. Transac Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned | 6. Ownership Form: Direct (D) | 7. Nature of Indirect Beneficial Ownership | | |
| | | | Code | V | Amount | (A) or (D) | Price | Following Reported Transaction(s) (Instr. 3 and 4) | or Indirect (I) (Instr. 4) | (Instr. 4) | | |
| Common Stock | 07/18/2007 | | Α | | 1,639 (1) | Α | \$ 0 | 18,320 | D | | | |

| | 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) | | 4. Transac Code (Instr. 8) | 4. 5. Number of Derivativ | | rative rities ired sed | 6. Date Exercisable and Expiration Date | | 7. Title and Amount of Underlying Securities (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 of Derivative Security: 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 | | | | |

Explanation of Responses:

1. These shares represent restricted stock units issued pursuant to a restricted stock unit agreement between LeMaitre Vascular, Inc. and Kevin D. Kelly. The restricted stock units vest over a five-year period at a rate of 20% on the anniversary of the date listed in the table, and the balance vesting in equal annual installments over the remaining four years.

<u>/s/ Christopher H. Martin</u> <u>Attorney-in-Fact</u>

07/20/2007

** 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.