#### LEMAITRE VASCULAR INC

Form 4

October 19, 2006

### FORM 4

### UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB** Number:

3235-0287

0.5

January 31, Expires: 2005

**OMB APPROVAL** 

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obligations

Check this box

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 may continue.

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

See Instruction

Name and Address of Reporting Person * LeMaitre Cornelia W	2. Issuer Name and Ticker or Trading Symbol LEMAITRE VASCULAR INC [LMAT]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)
(Last) (First) (Middle)  C/O LEMAITRE VASCULAR, INC, 63 SECOND AVENUE	3. Date of Earliest Transaction (Month/Day/Year) 10/19/2006	_X Director 10% Owner Soliton Other (give title Other (specify below) V.P., Human Resources, Director
(Street) BURLINGTON, MA 01803	4. If Amendment, Date 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)

(City)	(State) (	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. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of Securities Beneficially Owned Following	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)			
Common Stock	10/19/2006		P	10,000	A	\$ 6.42	216,440	D		
Common Stock	10/19/2006		P	2,000	A	\$ 6.33	216,440	D		
Common Stock							300,000	I	See Footnote	

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)

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# Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exercisab	le and	7. Title and A	Amount of	8
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration Date		Underlying S	Securities	Ι
Security	or Exercise		any	Code	of	(Month/Day/Year	:)	(Instr. 3 and	4)	5
(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8)	Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					(
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (Right to Buy)	\$ 3.625					07/31/2000(2)	07/31/2010	Common Stock	2,000	

## **Reporting Owners**

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
LeMaitre Cornelia W C/O LEMAITRE VASCULAR, INC 63 SECOND AVENUE BURLINGTON, MA 01803	X		V.P., Human Resources, Director				

### **Signatures**

/s/ Aaron M. Grossman
Attorney-in-Fact 10/19/2006

\*\*Signature of Reporting Person Date

### **Explanation of Responses:**

- \* 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).
- (1) These shares are owned by Cornelia W. LeMaitre Grantor Retained Annuity Trust, of which Mrs. LeMaitre is the sole trustee.
- (2) This option is exercisable and vests over a five year period at a rate of 20% after one year of service from the date listed on the table, and the balance vesting in equal annual installments over the remaining 4 years.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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