

LeMaitre Cornelia W  
 Form 4  
 May 18, 2010

**FORM 4**

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

OMB APPROVAL

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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 OF SECURITIES**

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

(Print or Type Responses)

1. 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)

3. Date of Earliest Transaction (Month/Day/Year)  
 05/18/2010

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 V.P., Human Resources, Director

C/O LEMAITRE VASCULAR, INC, 63 SECOND AVENUE

(Street)

4. If Amendment, Date Original Filed (Month/Day/Year)

6. Individual or Joint/Group Filing (Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

BURLINGTON, MA 01803

(City) (State) (Zip)

**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			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)		
			(A) Code	(D) Code	(D) Code				(D) Price	
Common Stock	05/18/2010		S	V	1,625	D	\$ 5.2	496,739	D	
Common Stock	05/18/2010		S	V	1,000	D	\$ 5.21	495,739	D	
Common Stock	05/18/2010		S	V	600	D	\$ 5.22	495,139	D	
Common Stock	05/18/2010		S	V	500	D	\$ 5.285	494,639	D	
Common Stock	05/18/2010		S	V	500	D	\$ 5.29	494,139	D	

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Common Stock	05/18/2010	S	100	D	\$ 5.3	494,039	D
Common Stock	05/18/2010	S	100	D	\$ 5.3275	493,939	D

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

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(9-02)

**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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Following Reporting Transaction (Instr. 5)
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## 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  
Date: 05/18/2010

\*\*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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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