

Martin John Alexander  
Form 4  
May 16, 2005

**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 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

## OMB APPROVAL

OMB  
Number: 3235-0287  
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(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Martin John Alexander

2. Issuer Name **and** Ticker or Trading  
Symbol

EDWARDS LIFESCIENCES CORP  
[EW]

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

(Last) (First) (Middle)

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

05/12/2005

\_\_\_\_ Director \_\_\_\_ 10% Owner  
\_\_\_\_X\_\_\_\_ Officer (give title \_\_\_\_ Other (specify  
below) below)

CVP, North America

C/O EDWARDS LIFESCIENCES  
CORPORATION, ONE EDWARDS  
WAY

(Street)

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

IRVINE, CA 92614

(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 (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount (A) or (D) Price		
Common Stock	05/12/2005		A		5,300 (1)	A	\$ 0 5,300 D

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

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

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

## Edgar Filing: Martin John Alexander - Form 4

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 Underlying Securities (Instr. 3 and 4)	Amount or Number of Shares
Employee Stock Option (Right to Acquire)	\$ 45.9	05/12/2005		A	43,400	05/12/2006 <sup>(2)</sup> 05/11/2012	Common Stock	43,400

## Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
Martin John Alexander C/O EDWARDS LIFESCIENCES CORPORATION ONE EDWARDS WAY IRVINE, CA 92614	CVP, North America

## Signatures

/s/ Jay P. Wertheim,  
Attorney-in-fact 05/13/2005

\_\_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) Reflects unvested restricted stock units granted on May 12, 2005.
- (2) This option was granted on May 12, 2005 under the Edwards Lifesciences Corporation Long-Term Stock Incentive Compensation Program and becomes exercisable commencing one year after the grant date in four equal annual installments.
- (3) This Form 4 reflects changes in beneficial ownership only; it does not identify other securities of the Issuer beneficially owned by the reporting person.
- 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.