

EDWARDS LIFESCIENCES CORP  
 Form 4  
 June 01, 2006

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2005  
 Estimated average burden hours per response... 0.5

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**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 \*  
 MUSSALLEM MICHAEL A

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)  
 06/01/2006

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 Chairman of the Board & CEO

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)  
 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 Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common Stock	06/01/2006		M <sup>(1)</sup>	14,000 A \$ 10.1955	106,622 <sup>(2)</sup>	D	
Common Stock	06/01/2006		S <sup>(1)</sup>	1,600 D \$ 44.01	105,022 <sup>(2)</sup>	D	
Common Stock	06/01/2006		S <sup>(1)</sup>	100 D \$ 44.06	104,922 <sup>(2)</sup>	D	
Common Stock	06/01/2006		S <sup>(1)</sup>	100 D \$ 44.11	104,822 <sup>(2)</sup>	D	
	06/01/2006		S <sup>(1)</sup>	200 D \$ 44.12	104,622 <sup>(2)</sup>	D	

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Common Stock							
Common Stock	06/01/2006	S <sup>(1)</sup>	2,700	D	\$ 44.13	101,922 <sup>(2)</sup>	D
Common Stock	06/01/2006	S <sup>(1)</sup>	700	D	\$ 44.15	101,222 <sup>(2)</sup>	D
Common Stock	06/01/2006	S <sup>(1)</sup>	1,000	D	\$ 44.17	100,222 <sup>(2)</sup>	D
Common Stock	06/01/2006	S <sup>(1)</sup>	500	D	\$ 44.18	99,722 <sup>(2)</sup>	D
Common Stock	06/01/2006	S <sup>(1)</sup>	100	D	\$ 44.19	99,622 <sup>(2)</sup>	D
Common Stock	06/01/2006	S <sup>(1)</sup>	500	D	\$ 44.22	99,122 <sup>(2)</sup>	D
Common Stock	06/01/2006	S <sup>(1)</sup>	2,000	D	\$ 44.23	97,122 <sup>(2)</sup>	D
Common Stock	06/01/2006	S <sup>(1)</sup>	200	D	\$ 44.25	96,922 <sup>(2)</sup>	D
Common Stock	06/01/2006	S <sup>(1)</sup>	300	D	\$ 44.26	96,622 <sup>(2)</sup>	D

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

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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)

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)	Amount or Number of Share	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	
Employee Stock Option (Right to Acquire)	\$ 10.1955	06/01/2006		M <sup>(1)</sup>	14,000	11/18/2000	11/18/2007	Common Stock	14,000

