

OMB APPROVAL	
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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>CARUSO RICHARD E</u>  (Last) (First) (Middle) <u>311 C ENTERPRISE DRIVE</u>  (Street) <u>PLAINSBORO NJ 08536</u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>INTEGRA LIFESCIENCES HOLDINGS CORP [ IART ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>02/09/2016</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

**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	02/09/2016		M		15,699	A	\$41.21	64,726 <sup>(1)</sup>	D		
Common Stock								23,338	I	By Corporation	
Common Stock								5,991,205	I	By Partnership	
Common Stock								2,000	I	By Son	

**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 Securities Underlying Derivative Security (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: 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				
Non-Qualified Stock Option (right to buy)	\$41.21	02/09/2016		M			10,439 <sup>(2)</sup>	(3)	08/19/2016	Common Stock	10,439 <sup>(2)</sup>	\$0.00	0 <sup>(2)</sup>	D	
Non-Qualified Stock Option (right to buy)	\$41.21	02/09/2016		M			5,260 <sup>(4)</sup>	(3)	08/19/2016	Common Stock	5,260 <sup>(4)</sup>	\$0.00	0 <sup>(4)</sup>	D	

**Explanation of Responses:**

- Includes 358 shares of common stock issued as restricted stock pursuant to the anti-dilution provisions of the award in connection with the spin-off of SeaSpine Holdings Corporation on July 1, 2015.
- This option was previously reported as covering 10,000 shares at an exercise price of \$47.63 per share, but was adjusted pursuant to the anti-dilution provisions of the award in connection with the spin-off of SeaSpine Holdings Corporation on July 1, 2015.
- 25% of the stock options vest every quarter from the grant date of 08/19/2008.
- This option was previously reported as covering 5,039 shares at an exercise price of \$47.63 per share, but was adjusted pursuant to the anti-dilution provisions of the award in connection with the spin-off of SeaSpine Holdings Corporation on July 1, 2015.

**Remarks:**

/s/ Richard D. Gorelick;  
Attorney-in-Fact 02/11/2016  
 \*\* 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.

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