

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

OMB APPROVAL	
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1. Name and Address of Reporting Person * <u>CARUSO RICHARD E</u> (Last) (First) (Middle) 795 E LANCASTER AVENUE, SUITE 200 (Street) VILLANOVA PA 19085 (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) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 03/08/2018	
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	03/08/2018		M		12,002	A	\$18.06	146,136 ⁽¹⁾	D	
Common Stock	03/08/2018		S		12,002	D	\$53.6819 ⁽²⁾	134,134	D	
Common Stock	03/08/2018		M		20,878	A	\$18.06	155,012	D	
Common Stock	03/08/2018		S		20,878	D	\$53.6819 ⁽²⁾	134,134	D	
Common Stock								46,676	I	By Corporation
Common Stock								11,982,410	I	By Partnership
Common Stock								4,000	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
Non-Qualified Stock Option (right to buy)	\$18.06	03/08/2018		M			12,002	(3)	05/19/2018	Common Stock	12,002	\$0.00	0 ⁽⁴⁾⁽⁵⁾	D	
Non-Qualified Stock Option (right to buy)	\$18.06	03/08/2018		M			20,878	(3)	05/19/2018	Common Stock	20,878	\$0.00	0 ⁽⁵⁾⁽⁶⁾	D	

Explanation of Responses:

- On December 21, 2016, the common stock of Integra LifeSciences Holdings Corporation split two-for-one, resulting in the reporting person's ownership of one additional share of common stock for each share of common stock owned as of that date, as reflected in the totals listed on this Form 4.
- The price shown above represents the weighted average price of the shares sold. The range of sale prices was \$53.37 to \$54.
- 25% of the stock options vest every quarter from the grant date of 5/19/2010
- This option was previously reported as covering 5,749 shares at an exercise price of \$41.75 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 to 6,001 shares of common stock at an exercise price of \$36.12 per share.
- In accordance with the terms of the stock option plan, the exercise price of the option and number of shares subject to the option have been adjusted to reflect the two-for-one stock split that occurred on December 21, 2016.
- This option was previously reported as covering 10,000 shares at an exercise price of \$41.75 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 to 10,439 shares of common stock at an exercise price of \$36.12 per share.

Remarks:

/s/ Dr. Richard E. Caruso

03/12/2018

** Signature of Reporting Person

Date

* 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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