

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	
OMB Number:	3235-0287
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1. Name and Address of Reporting Person * <u>CARLOZZI GERARD S</u> (Last) (First) (Middle) 311 ENTERPRISE DRIVE (Street) PLAINSBORO NJ 08536 (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 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) Chief Operating Officer
	3. Date of Earliest Transaction (Month/Day/Year) 12/06/2006	
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	12/06/2006		M		4,498	A	\$27.32	6,401	D	
Common Stock	12/06/2006		M		24,669	A	\$27.32	31,070	D	
Common Stock	12/06/2006		M		7,292	A	\$28.78	38,362	D	
Common Stock	12/06/2006		M		4,841	A	\$30.25	43,203	D	
Common Stock	12/06/2006		M		20,159	A	\$30.25	63,362	D	
Common Stock	12/06/2006		S ⁽¹⁾		61,459	D	\$42.04	1,903	D	

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
Incentive Stock Option (right to buy)	\$27.32	12/06/2006		M			4,498	(2)	09/26/2009	Common Stock	4,498	\$0	3,050	D	
Non-Qualified Stock Option (right to buy)	\$27.32	12/06/2006		M			24,669	(3)	09/26/2009	Common Stock	24,669	\$0	19,867	D	
Non-Qualified Stock Option (right to buy)	\$28.78	12/06/2006		M			7,292	(4)	01/02/2010	Common Stock	7,292	\$0	6,429	D	
Non-Qualified Stock Option (right to buy)	\$30.25	12/06/2006		M			4,841	(5)	07/26/2011	Common Stock	4,841	\$0	95,159	D	
Non-Qualified Stock Option (right to buy)	\$30.25	12/06/2006		M			20,159	(5)	07/26/2011	Common Stock	20,159	\$0	75,000	D	

Explanation of Responses:

- The sale reported on this Form 4 was pursuant to a Rule 10b5-1 plan adopted by the Reporting Person on December 6, 2006.
- On a combined basis, 25% of this option grant and a Non-Qualified Stock Option grant made on the date of this grant vested one year after the September 26, 2003 grant date, with the remaining 75% vesting monthly thereafter over 36 months.

3. On a combined basis, 25% of this option grant and an Incentive Stock Option grant made on the date of this grant vested one year after the September 26, 2003 grant date, with the remaining 75% vesting monthly thereafter over 36 months.

4. On a combined basis, 25% of this option grant and an Incentive Stock Option grant made on the date of this grant vested one year after the January 2, 2004 grant date, with the remaining 75% vesting monthly thereafter over 36 months.

5. These options were granted on July 26, 2005 and vest 25% annually over four years.

/s/ Jeffrey Hellman, Attorney-
in-Fact 12/08/2006

** 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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.