

**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)  (Street)  (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 Officer (give title below) Other (specify below) <b>Executive Vice President &amp; COO</b>
	3. Date of Earliest Transaction (Month/Day/Year) <u>08/29/2008</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	08/29/2008		M		834	A	\$32.39	3,919	D	
Common Stock	08/29/2008		S		834	D	\$48.5312	3,085	D	
Common Stock	08/29/2008		M		4,775	A	\$28.78	7,860	D	
Common stock	08/29/2008		S		4,775	D	\$48.5312	3,085	D	
Common stock	08/29/2008		M		2,713	A	\$32.32	5,798	D	
Common Stock	08/29/2008		S		2,713	D	\$48.5312	3,085	D	
Common Stock	08/29/2008		M		50	A	\$32.32	3,135	D	
Common Stock	08/29/2008		S		50	D	\$48.5312	3,085	D	
Common Stock	08/29/2008		M		650	A	\$32.32	3,735	D	
Common Stock	08/29/2008		S		650	D	\$48.5312	3,085	D	
Common Stock	08/29/2008		M		1,830	A	\$27.32	4,915	D	
Common Stock	08/29/2008		S		1,830	D	\$48.5312	3,085	D	
Common Stock	08/29/2008		M		10,670	A	\$27.32	13,755	D	
Common Stock	08/29/2008		S		10,670	D	\$48.5312	3,085	D	
Common stock	08/29/2008		M		435	A	\$28.78	3,520	D	
Common Stock	08/29/2008		S		435	D	\$48.5312	3,085	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						Amount or Number of Shares
Incentive Stock Option(right to buy)	\$27.32	08/29/2008		M			1,830	(1)	09/26/2009	Common Stock	1,830	\$0.00	1,688	D	
Incentive Stock Option (right to buy)	\$32.32	08/29/2008		M			650	(2)	06/01/2010	Common Stock	650	\$0.00	0	D	
Non-Qualified Stock Option (right to buy)	\$28.78	08/29/2008		M			4,775	(3)	01/02/2010	Common Stock	4,775	\$0.00	342	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	Amount or Number of Shares				
Non-Qualified Stock Option (right to buy)	\$32.32	08/29/2008		M			2,713	(2)	06/01/2010	Common Stock	2,713	\$0.00	1,637	D	
Non Qualified Stock Option (right to buy)	\$32.32	08/29/2008		M			50	(2)	06/01/2010	Common Stock	50	\$0.00	1,587	D	
Non-Qualified Stock Option (right to buy)	\$32.39	08/29/2008		M			834	(4)	11/03/2009	Common stock	834	\$0.00	0	D	
Non Qualified Stock Option (right to buy)	\$27.32	08/29/2008		M			10,670	(1)	09/26/2009	Common Stock	10,670	\$0.00	0	D	
Incentive Stock Option (right to buy)	\$28.78	08/29/2008		M			435	(3)	01/02/2010	Common Stock	435	\$0.00	0	D	

**Explanation of Responses:**

- 25% of the option vested one year after 9/26/2003 and the remaining 75% vested monthly thereafter over 36 months
- 25% of the option vested one year after 6/1/2004 and the remaining 75% vested monthly thereafter over 36 months
- 25% of the option vested one year after 1/2/2004 and the remaining 75% vested monthly thereafter over 36 months
- 25% of the option vested one year after 11/03/2003 and the remaining 75% vested monthly thereafter over 36 months

/s/ Kathryn Lamping, Attorney-in-Fact 09/03/2008

\*\* 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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