

INTEGRA LIFESCIENCES HOLDINGS CORP
 Form 4
 September 30, 2005

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

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

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 *
 PALTRIDGE ROBERT D

2. Issuer Name and Ticker or Trading Symbol
 INTEGRA LIFESCIENCES HOLDINGS CORP [IART]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 311 C ENTERPRISE DRIVE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 09/29/2005

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Sr. VP, Global Sales

PLAINSBORO, NJ 08536

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

(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 Ownership (Instr. 4)
			Code	V	Amount (A) or (D) Price		
Common Stock	09/29/2005		M		15,000 A \$ 5.875	30,263	D
Common Stock	09/29/2005		M		5,000 A \$ 6.5625	35,263	D
Common Stock	09/29/2005		S ⁽¹⁾		3,187 D \$ 38	32,076	D

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

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number.

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 Shares
						Date Exercisable	Expiration Date		
Incentive Stock Option (right to buy)	\$ 5.875	09/29/2005		M	15,000	(2)	12/31/2005	Common Stock	15,000
Incentive Stock Option (right to buy)	\$ 6.5625	09/29/2005		M	5,000	(2)	01/17/2006	Common Stock	5,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
PALTRIDGE ROBERT D 311 C ENTERPRISE DRIVE PLAINSBORO, NJ 08536			Sr. VP, Global Sales	

Signatures

/s/ Jeffrey Hellman,
Attorney-in-Fact

09/30/2005

**Signature of Reporting Person

Date

Explanation of Responses:

* 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).

(1) The sales reported in this Form 4 were effected to a Rule 10b5-1 plan adopted by the reporting person on June 8, 2005.

(2) 25% of the options vested one year after the grant date and the remaining 75% vested monthly thereafter over 36 months.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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