FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL

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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>Arduini Peter J</u> | | | | | | 2. Issuer Name and Ticker or Trading Symbol INTEGRA LIFESCIENCES HOLDINGS CORP [IART] | | | | | | | | neck all applio | cable) or | ing Person(s) to Issuer | | |
|---|---|--|--|--------------------------|---|---|---|-----|---|-------|---|-----------------|---|---|--|---|--|--|
| (Last) 311 C EN | (Firs TERPRISE | , | | | 3. Date of Earliest Transaction (Month/Day/Year) 02/17/2015 | | | | | | | | X Officer (give title below) President 8 | | | Other (specify below) | | |
| (Street) PLAINSBORO NJ 08536 (City) (State) (Zip) | | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | | | | | | | 1 | |
| 1. Title of Security (Instr. 3) 2. Tran | | | | 2. Transa | ction | 2A. Exe | 2A. Deemed Execution Date, if any (Month/Day/Year) | | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4 | | | 5. Amou 5) Securitie Benefici | nt of es ally Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership |
| | | | | | | | | | Code | v | Amount | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | | | Instr. 4) |
| Common Stock 02/17/2 | | | | | 2015 | | | | A | | 2,890(1 | 1) A | \$0.0 | 0 10 | ,768 | | D | |
| Common Stock 02/17/2 | | | | | /2015 | 2015 | | | A | | 12,444 | (2) A | \$0.0 | 0 23 | 23,212 | | D | |
| | | Ta | able II - | | | | | | | | osed of, convertil | | | Owned | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deen Executio if any (Month/E | n Date, Transa Code (| | | | | 6. Date E Expiration (Month/E | on Da | | Amount of | | 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 Exercisa | ıble | Expiration Date | Title | Amount or Number of Shares | 1 | | | | |
| Performance Stock | (3) | 02/17/2015 | | | A | | 6,306 | П | (3) | | (3) | Common Stock | 6,306 | \$0.00 | 6,306 | 5 | D | |

Explanation of Responses:

- 1. On February 17, 2015, the Compensation Committee certified that the Company achieved its performance goal for fiscal year 2014, at least a 3% increase in annual revenue over the prior fiscal year, under the March 25, 2013 Performance Stock Award. Accordingly, 33% of the shares will vest on March 25, 2015, the second anniversary of the grant date.
- 2. On February 17, 2015, the Compensation Committee certified that the Company achieved its performance goal for fiscal year 2014, at least a 3% increase in annual revenue over the prior fiscal year, under the March 24, 2014 Performance Stock Award. Accordingly, 33% of the shares will vest on March 24, 2015, the first anniversary of the grant date.
- 3. This is a performance stock award granted March 25, 2013 which will vest, if certain performance goals are met, 33% on the first and second anniversaries of the grant date and 34% on the third anniversary of the grant date and such performance stock award will be distributed to Mr. Arduini within 30 days following the first business day that occurs immediately following the six month period after the date of his separation of service as deferred compensation. On February 17, 2015, the Compensation Committee certified that the Company achieved its performance goal for fiscal year 2014, at least a 3% increase in annual revenue over the prior fiscal year, under the March 25, 2013 Performance Stock Award. Accordingly, 33% of the shares will vest on March 25, 2015, and be deferred as stated above. This performance stock award is subject to accelerated vesting upon termination of employment by reason of death, disability, without cause, or termination by Mr. Arduini for good reason.

Remarks:

/s/ Richard D. Gorelick; Attorney-in-Fact 02/19/2015

** 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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