

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

| 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

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|--|---|---|---|
| 1. Name and Address of Reporting Person* <u>Integra LifeSciences Corp</u> (Last) (First) (Middle) 311 ENTERPRISE DRIVE (Street) PLAINSBORO NJ 08536 (City) (State) (Zip) | 2. Date of Event Requiring Statement (Month/Day/Year) 06/11/2015 | 3. Issuer Name and Ticker or Trading Symbol <u>SeaSpine Holdings Corp [SPNE]</u> | |
| | | 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below) | 5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person |

Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| Common Stock | 100 | I | See footnote ⁽¹⁾ |

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|-----------------|---|----------------------------|--|--|---|
| | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | |

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| 1. Name and Address of Reporting Person* <u>Integra LifeSciences Corp</u> (Last) (First) (Middle) 311 ENTERPRISE DRIVE (Street) PLAINSBORO NJ 08536 (City) (State) (Zip) | | |
|--|--|--|

| | | |
|---|--|--|
| 1. Name and Address of Reporting Person* <u>INTEGRA LIFESCIENCES HOLDINGS CORP</u> (Last) (First) (Middle) 311 ENTERPRISE DRIVE (Street) PLAINSBORO NJ 08536 (City) (State) (Zip) | | |
|---|--|--|

Explanation of Responses:

1. SeaSpine Holdings Corporation is a wholly-owned subsidiary of Integra Lifesciences Corporation, which is a wholly-owned subsidiary of Integra Lifesciences Holdings Corporation. It is expected that on July 1, 2015, Integra Lifesciences Holdings Corporation will cause to be distributed to its stockholders all of the outstanding shares of common stock of SeaSpine Holdings Corporation then held by Integra Lifesciences Corporation.

Remarks:

[Integra Lifesciences Corporation](#)
 By: [Integra Lifesciences Holdings Corporation](#)
 Richard D. Gorelick, Corporate Vice President, General Counsel, Administration and Secretary
 Integra Lifesciences Holdings 06/11/2015

[Corporation By: /s/ Richard D. Gorelick, Corporate Vice President, General Counsel, Administration and Secretary.](#)

** 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 5 (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.