| SEC Form 4                          |  |
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| FORM 4                              | UNITED STATES SECURITIES AND EXCHANGE COMMISSION |
|                                     | Washington, D.C. 20549                           |
| Chook this hay if no longer subject |  |

| TATEMENT C | )F | CHANGES IN | <b>I BENEFICIAL</b> | OWNERSHIP |
|------------|----|------------|---------------------|-----------|
|------------|----|------------|---------------------|-----------|

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

OMB APPROVAL

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| 1. Name and Address of Reporting Person*   |         |           | 2. Issuer Name <b>and</b> Ticker or Trading Symbol<br>Lantheus Holdings, Inc. [LNTH] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)   |  |  |  |  |
|--|---------|-----------|--|---|--|--|--|--|
| Marshall Robert J. Jr.<br>(Last) (First) (Middle)<br>C/O LANTHEUS HOLDINGS, INC.<br>331 TREBLE COVE ROAD |         | IGS, INC. | 3. Date of Earliest Transaction (Month/Day/Year)<br>03/04/2021                       | Director 10% Owner   X Officer (give title<br>below) Other (specify<br>below)   CFO and Treasurer   |  |  |  |  |
| (Street)<br>NORTH<br>BILLERICA   | MA      | 01862     | 4. If Amendment, Date of Original Filed (Month/Day/Year)                             | 6. Individual or Joint/Group Filing (Check Applicable<br>Line)<br>X Form filed by One Reporting Person<br>Form filed by More than One Reporting<br>Person |  |  |  |  |
| (City)   | (State) | (Zip)     | rivative Securities Acquired, Disposed of, or Ber                                    | eficially Owned   |  |  |  |  |

## Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 3.<br>Transaction<br>Code (Instr.<br>8) |   |        |               |        | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following<br>Reported | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---------------------------------|--|---|---|---|--------|---------------|--------|---|---|---|
|                                 |  |   | Code                                    | v | Amount | (A) or<br>(D) | Price  | Transaction(s)<br>(Instr. 3 and 4)  |   |   |
| Common Stock                    | 03/04/2021                                 |   | S <sup>(1)</sup>                        |   | 2,280  | D             | \$18.4 | 76,985  | D   |   |
| Common Stock                    | 03/04/2021                                 |   | A                                       |   | 59,524 | Α             | \$0.00 | 136,509   | D   |   |

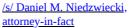
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 4.<br>Transa<br>Code (<br>8) |   | of<br>Deriv<br>Secu<br>Acqu<br>(A) of<br>Dispo<br>of (D)<br>(Instr | 5. Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4<br>and 5) |                     | 7. Titl<br>Amou<br>Secur<br>Unde<br>Deriv<br>Secur<br>3 and | int of<br>rities<br>rlying<br>ative<br>rity (Instr. | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |
|---|---|--|---|------------------------------|---|--|---|---------------------|---|---|---|--|--|--|
|   |   |  |   | Code                         | v | (A)  | (D)   | Date<br>Exercisable | Expiration<br>Date  | Title   | Amount<br>or<br>Number<br>of<br>Shares              |  |  |  |

Explanation of Responses:

1. The Company requires certain senior executives to cover tax liabilities resulting from the vesting of their equity awards pursuant to sell-to-cover transactions in compliance with Rule 10b5-1. The transactions reported in this Form 4 were effected in compliance with Rule 10b5-1 to satisfy withholding tax liabilities of the Reporting Person associated with the vesting of restricted stock previously granted and reported on a previously filed Form 4.

## **Remarks:**



03/08/2021

\*\* 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.

to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).