| FORM 4 | UNITED S | TATES SECURITIES AND EXCHANGE CO Washington, D.C. 20549 | OMB APPROVAL | | | |
|--|------------------|--|---|---|---|--|
| 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 19 or Section 30(h) of the Investment Company Act of 1940 | _ | OMB Number: Estimated avera hours per respo | • | |
| 1. Name and Address of Reporting Per Marshall Robert J. Jr. | son [*] | 2. Issuer Name and Ticker or Trading Symbol <u>Lantheus Holdings</u> , Inc. [LNTH] | 5. Relationship of (Check all applicat Director X Officer (g below) | r 10% Owner | | |
| (Last) (First) C/O LANTHEUS HOLDINGS, 331 TREBLE COVE ROAD | (Middle) INC. | 3. Date of Earliest Transaction (Month/Day/Year) 11/15/2022 | í í | FO and Treasu | , | |
| (Street) NORTH MA | 01862 | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Individual or Joi Line) X Form filed | nt/Group Filing (d by One Reporti | | |

(City) (State) (Zip)

BILLERICA

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) | | | | | | 5. Amount of Securities Beneficially Owned Following Reported | 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 | Transaction(s) (Instr. 3 and 4) | | (1130. 4) |
| Common Stock | 11/15/2022 | | S ⁽¹⁾ | | 5,000 | D | \$ 59 | 121,065 | D | |

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

| | (e.g., puls, cans, 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. Transa Code (8) | | n of | | 6. Date Exerc Expiration Da (Month/Day/Y | 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 | | | | |

Explanation of Responses:

1. The transaction reported in this Form 4 was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on February 25, 2022.

Remarks:

/s/ Eric M. Green, attorney-in-11/17/2022 fact

** Signature of Reporting Person Date

Form filed by More than One Reporting

Person

0.5

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.