FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| u | JIAILS | SECURITIES | AND EXCHANGE | COMMISSION |
|---|--------|------------|--------------|------------|
| | | Washingto | n D.C. 20549 | |

| | OMB APPROVAL | | | | | | | | |
|-----|---------------------|-----------|--|--|--|--|--|--|--|
| | OMB Number: | 3235-0287 | | | | | | | |
| | Estimated average b | ourden | | | | | | | |
| - 1 | | 0.5 | | | | | | | |

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

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10h5-1(c). See

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| Instruct | | 70 1(0). GCC | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|-------------------------|---|---|-------------|-----------------|--|--|-----------------------|--|--|---------------------------------------|---|--|---|---|--|--|--|
| Name and Address of Reporting Person* | | | | | | 2. Issuer Name and Ticker or Trading Symbol | | | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | | | | |
| Heino Mary Anne | | | | | | Lantheus Holdings, Inc. [LNTH] | | | | | | | | | Director | | 10% Owner | | Owner | | |
| (Last) (First) (Middle) C/O LANTHEUS HOLDINGS, INC. | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 11/17/2025 | | | | | | | | Officer (give title Other (specify below) Executive Chair | | | | | | | | |
| 201 BUR | LINGTON | ROAD, SOUT | H BLDG | | | | | | | | | | | | | | | | | | |
| (Street) BEDFORD MA 01730 | | | | _ 4. | Line) | | | | | | | | | | Individual or Joint/Group Filing (Check Applicable ne) Form filed by One Reporting Person Form filed by More than One Reporting | | | | | | |
| (City) | (S | tate) | (Zip) | | | | | | | | | | | | Person Person | | | | | | |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Transac Date (Month/Da | | | | Exec ay/Year) if any | | A. Deemed xecution Date, any Month/Day/Year) | | Transaction Dis | | 4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 a 5) | | 5. Amount Securities Beneficial Owned Fo 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 | - 1 | Transaction(s) (Instr. 3 and 4) | | | | instr. 4) | | |
| Common | Stock | | | 11/17/2025 | | 5 | | | A ⁽¹⁾ | | 14,285 | A | \$0 | | 332,9 | 35 | I | | | | |
| Common Stock | | | | | | | | | | | | | | | 78,15 | 53 | 1 | | By The Mary Anne Fennell Heino Revocable Frust - | | |
| Common Stock | | | | | | | | | | | | | | 8,61 | 8 |] | | By Heino Irrevocable Trust | | | |
| Common Stock | | | | | | | | | | | | | | 179,300 | | I | | By The Heino 2024 Family Frust | | | |
| | | , | Table II | | | | | | | | osed of, convertik | | | | Owned | | | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deem Execution if any (Month/Da | ed Date, | 4. | action | 5. Number 6 | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | | 7. Title and Amo of Securities Underlying Derivative Secu (Instr. 3 and 4) | | 8. Price of Derivative Security | | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | | 10. Ownersh Form: Direct (D or Indirec (I) (Instr. | ct (Instr. 4) | | |
| | | | | | Code | v | (A) | | Date Exercisa | ble | Expiration Date | Title | Amou or Numb of Share | er | | | | | | | |
| Stock Option (right to buy) | \$52.5 | 11/17/2025 | | | A | | 26,325 | | 11/17/202 | 26 ⁽²⁾ | 11/17/2035 | Common Stock | 26,32 | 25 | \$0 | 26,1 | 325 | D | | | |

Explanation of Responses:

- 1. Consists of 14,285 restricted stock units that will vest in full on November 17, 2026.
- 2. The option vests in full on November 17, 2026.

/s/ Eric M. Green, attorney-infact

11/19/2025

** 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.