Lantheus Holdings, Inc.

Form 4

November 23, 2016

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

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January 31, 2005

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if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Avista Capital Partners GP, LLC

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

(Last) (First) (Middle) Lantheus Holdings, Inc. [LNTH] 3. Date of Earliest Transaction

(Check all applicable)

C/O AVISTA CAPITAL HOLDINGS, L.P., 65 EAST 55TH

(State)

_X__ 10% Owner Director _ Other (specify Officer (give title below)

STREET, 18TH FLOOR (Street)

(Zin)

4. If Amendment, Date Original

(Month/Day/Year)

11/21/2016

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year) Applicable Line)

Form filed by One Reporting Person _X_ Form filed by More than One Reporting

Person

NEW YORK, NY 10022

(City)

(City)	(State)	Tab	le I - Non-I	Derivative Sec	urities	Acqui	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securities 2. oner Disposed 6 (Instr. 3, 4 an	of (D) d 5) (A) or	ed (A)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	11/21/2016		S	1,424,399	D	\$9	8,713,673	I	See footnote (1)
Common Stock	11/21/2016		S	375,601	D	\$9	2,297,718	I	See footnote (2)
Common Stock	11/21/2016		S	700,000	D	\$9	4,282,208	I	See footnote (3)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

> 9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr

(9-02)

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerci	isable and	7. Titl	e and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration Da	te	Amou	nt of	Derivative
Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		(ear)	Under Securi (Instr.	, ,	Security (Instr. 5)
				Code V	(A) (D)		Expiration Date	Title	Amount or Number of Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships						
copyring o more runny reading	Director	10% Owner	Officer	Other			
Avista Capital Partners GP, LLC C/O AVISTA CAPITAL HOLDINGS, L.P. 65 EAST 55TH STREET, 18TH FLOOR NEW YORK, NY 10022		X					
Avista Capital Partners, L.P. 65 EAST 55TH STREET 18TH FLOOR NEW YORK, NY 10022		X					
Avista Capital Partners (Offshore), L.P. 65 EAST 55TH STREET 18TH FLOOR NEW YORK, NY 10022		X					
ACP-Lantern Co-Invest, LLC 65 EAST 55TH STREET 18TH FLOOR NEW YORK, NY 10022		X					

Signatures

Avista Capital Partners GP, LLC, By: /s/ Ben Silbert

11/21/2016

**Signature of Reporting Person

Date

Reporting Owners 2

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Avista Capital Partners, L.P., By: Avista Capital Partners GP, LLC, its General Partner, By:

/s/ Ben Silbert

**Signature of Reporting Person

Avista Capital Partners (Offshore), L.P., By: Avista Capital Partners GP, LLC, its General

Partner, By: /s/ Ben Silbert

**Signature of Reporting Person

Date

ACP-Lantern Co-Invest, LLC, By: Avista Capital Partners GP, LLC, its Manager, By: /s/

Ben Silbert

11/21/2016

**Signature of Reporting Person

Date

Explanation of Responses:

- * 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).
- Represents shares of the Issuer held by Avista Capital Partners, L.P. ("ACP"). Avista Capital Partners GP, LLC ("ACP GP") is the general partner of ACP. By virtue of this relationship, ACP GP may be deemed to share voting and dispositive power with respect to the shares of common stock held by ACP. Each of ACP GP and ACP expressly disclaims beneficial ownership of any such securities, except to the extent of its pecuniary interest therein.
- Represents shares of the Issuer held by Avista Capital Partners (Offshore), L.P. ("ACP Offshore"). ACP GP is the general partner of ACP Offshore. By virtue of this relationship, ACP GP may be deemed to share voting and dispositive power with respect to the shares of common stock held by ACP Offshore. Each of ACP GP and ACP Offshore expressly disclaims beneficial ownership of any such securities, except to the extent of its pecuniary interest therein.
- Represents shares of the Issuer held by ACP-Lantern Co-Invest, LLC ("ACP Co-Invest"). ACP GP is the manager of ACP Co-Invest. By virtue of this relationship, ACP GP may be deemed to share voting and dispositive power with respect to the shares of common stock held by ACP Co-Invest. Each of ACP GP and ACP Co-Invest expressly disclaims beneficial ownership of any such securities, except to the extent of its pecuniary interest therein.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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