FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washir

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

gton, D.C. 20549	OMB APPROVAL

	OMB Number:	3235-0287						
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l	hours per response:	0.5						

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 1934 or Section 30(h) of the Investment Company Act of 1940

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Name and Address of Reporting Person*  Burgetablor David F					2. Issuer Name <b>and</b> Ticker or Trading Symbol  Lantheus Holdings, Inc. [ LNTH ]								Relationship of Reporting Person(s) to Issuer (Check all applicable)					
Burgstahler David F																Owner		
(Last) (First) (Middle) C/O AVISTA CAPITAL HOLDINGS, L.P.							3. Date of Earliest Transaction (Month/Day/Year) 08/29/2017									er (specify w)		
65 E. 55TH STREET, 18TH FLOOR						4. If Amendment, Date of Original Filed (Month/Day/Year)								r Joint/Grou	ıp Filing (Check	Applicable		
۱Y	10022											·	Forn	n filed by Mo				
State)	(Zip)																	
Tab	le I - N	lon-Deriv	ative	Seci	urities	s Ac	quire	d, Di	isposed o	f, or B	enefi	cially	Owne	ed	J.			
1. Title of Security (Instr. 3)		2. Transaction Date (Month/Day/Year)		Execution Date,		3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 at			and 5) Securition Benefici Owned F		ies ially Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership			
							Code	v	Amount	(A) or (D)	Price	!	Reported Transaction(s) (Instr. 3 and 4)			(Instr. 4)		
		08/29/2	017				S		17,769	D	\$17	.02(1)	58	2,750	I	See footnote <sup>(2)</sup>		
Common Stock			017				S		2,884	D	\$17	.02(1)	94,595		I	See footnote <sup>(3)</sup>		
Common Stock			017				S		49,927	D	\$17	\$17.05(4)		532,823		See footnote <sup>(2)</sup>		
nmon Stock							S		8,104	D	\$17	.05(4)	86,491		I	See footnote <sup>(3)</sup>		
		08/31/2	017				S		130,773	D	\$17	.36 <sup>(5)</sup>	5(3)   /10 / 1150			See footnote <sup>(2)</sup>		
ommon Stock						S		21,228	D	\$17	.36 <sup>(5)</sup>	65,263		I	See footnote <sup>(3)</sup>			
													13					
													1,562 I			By trust <sup>(6)</sup>		
Ta	able II	- Derivat	ive S	ecuri	ities A	Acqu	uired,	Disp	oosed of, o	or Ben	eficia	ally O	wned					
	Execut if any	Deemed 4. Tropic Control of the cont		5. Number of		nber itive ities red sed 3, 4	6. Date Exer		cisable and late	7. Title and Amount of Securities Underlying Derivative		8. F Der Sec (Ins	rivative curity	derivative Securities Beneficially Owned Following Reported	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)		
			Code	v	(A)	(D)	Date Exerci	sable	Expiration Date		or Numbe of							
	rirst) ITAL HOLDING ET, 18TH FLOOI NY State) Tab str. 3)  Tab	First) (Middle) ITAL HOLDINGS, L.P. ET, 18TH FLOOR  NY 10022 State) (Zip)  Table I - N  str. 3)  Table II  n Date (Month/Day/Year)   3A. De Execute (Month/Day/Year)   16 Execute (Month/Day/Year)   16 Execute (Month/Day/Year)   17 Execute (Month/Day/Year)   18 Execute (Month/D	Table II - Derivate (e.g., p. 10022	La	Vid F  First) (Middle) ITAL HOLDINGS, L.P. ET, 18TH FLOOR  Table I - Non-Derivative Sector (Month/Day/Year)  08/29/2017  08/30/2017  08/31/2017  Table II - Derivative Securif any (Month/Day/Year)  Table II - Derivative Securif any (Month/Day/Year)	Lantheus Ho  First) (Middle)  ITAL HOLDINGS, L.P. ET, 18TH FLOOR  Table I - Non-Derivative Securities  Str. 3)  Table I - Non-Derivative Securities  2. Transaction Date (Month/Day/Year)  08/29/2017  08/29/2017  08/30/2017  08/30/2017  08/31/2017  Table II - Derivative Securities A (e.g., puts, calls, warrand (Month/Day/Year)  1	Lantheus Holdin  ITAL HOLDINGS, L.P. ET, 18TH FLOOR  Table I - Non-Derivative Securities Acting (Month/Day/Year)  08/29/2017  Table II - Derivative Securities Acquired (Month/Day/Year)  108/30/2017  08/31/2017  Table II - Derivative Securities Acquired (Month/Day/Year)  108/31/2017  3. Transaction 08/31/2017  08/31/2017  08/31/2017  108/31/2017  108/31/2017  108/31/2017  108/31/2017  108/31/2017	Lantheus Holdings, In  First) (Middle) ITAL HOLDINGS, L.P. ET, 18TH FLOOR  Table I - Non-Derivative Securities Acquirer  (Month/Day/Year)   A. If Amendment, Date of Origin  Table II - Non-Derivative Securities Acquirer  (Month/Day/Year)   A. If Amendment, Date of Origin  Table II - Non-Derivative Securities Acquirer  (Month/Day/Year)   A. If Amendment, Date of Origin  2A. Deemed Execution Date, if any (Month/Day/Year)   S. O8/29/2017   S. O8/30/2017   S. O8/30/2017   S. O8/30/2017   S. O8/31/2017   S. O8/	Lantheus Holdings, Inc. [   First)	Lantheus Holdings, Inc. [LNTH]  3. Date of Earliest Transaction (Month/Day/Year) 08/29/2017  Table I - Non-Derivative Securities Acquired, Disposed of 17,769  08/29/2017  Table I - Non-Derivative Securities Acquired, Disposed of 17,769  08/29/2017  S 17,769  08/29/2017  S 2,884  08/30/2017  S 2,884  08/30/2017  S 130,773  08/31/2017  S 130,773  Table II - Derivative Securities Acquired, Disposed of 18,100 code (Instr. of 18,100 code	Lantheus Holdings, Inc.   LNTH	Lantheus Holdings, Inc.   LNTH	Lantheus Holdings, Inc.   LNTH	Lantheus Holdings, Inc.   LNTH     Check all approximate   Securities   Securitie	Lantheus Holdings, Inc.   LNTH     Check all applicable   X Director Officer (give title Delow)   X Form filed by M Person   X Form filed by M P	Lantheus Holdings, Inc.   Lantheus Holding		

- 1. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$17.00 to \$17.15, inclusive. The Reporting Person undertakes to provide to Lantheus Holdings, Inc., any security holder of Lantheus Holdings, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in footnotes (1), (4) and (5) to this Form 4.
- 2. 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. Mr. Burgstahler is a member of the investment committee of ACP GP. By virtue of these relationships, Mr. Burgstahler may be deemed to share voting and dispositive power with respect to the shares of common stock held by ACP. Mr. Burgstahler expressly disclaims beneficial ownership of any such securities, except to the extent of his pecuniary interest therein.
- 3. Represents shares of the Issuer held by Avista Capital Partners (Offshore), L.P. ("ACP Offshore"). ACP GP is the general partner of ACP Offshore. Mr. Burgstahler is a member of the investment committee of ACP GP. By virtue of these relationships, Mr. Burgstahler may be deemed to share voting and dispositive power with respect to the shares of common stock held by ACP Offshore. Mr. Burgstahler expressly disclaims beneficial ownership of any such securities, except to the extent of his pecuniary interest therein.
- 4. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$17.00 to \$17.175, inclusive.
- 5. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$17.00 to \$17.525, inclusive.
- 6. The Reporting Person disclaims beneficial ownership of such shares except to the extent of his pecuniary interest therein.

## Remarks:

By: /s/ David Burgstahler

08/31/2017

\*\* Signature of Reporting Person

- $^{\star}$  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.

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