

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
OMB Number:	3235-0104
Estimated average burden hours per response:	0.5

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

1. Name and Address of Reporting Person* <u>Venkataraman Sriram</u> (Last) (First) (Middle) <u>C/O LANTHEUS HOLDINGS, INC.</u> <u>331 TREBLE COVE ROAD</u> (Street) <u>NORTH</u> <u>MA</u> <u>01862</u> <u>BILLERICA</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>06/24/2015</u>	3. Issuer Name and Ticker or Trading Symbol <u>Lantheus Holdings, Inc. [LNTH]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
<u>Common Stock</u>	<u>17,793,599</u>	<u>I</u>	<u>Avista Funds⁽¹⁾⁽²⁾</u>

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

Explanation of Responses:

- The amount shown represents the beneficial ownership over the securities held by Avista Capital Partners, L.P., Avista Capital Partners (Offshore), L.P. and ACP-Lantern Co-Invest, LLC (collectively, the Avista Funds). Avista Capital Partners GP, LLC ultimately exercises voting and dispositive power over the securities held by the Avista Funds. The reporting person is a member of Avista Capital Partners GP, LLC and an investor in the Avista Funds. The actual pro rata portion of beneficial ownership of any shares that may be deemed attributable to the reporting person is not readily determinable because it is subject to several variables, including the internal rate of return and vesting of interests within the Avista Funds.
- The reporting person disclaims beneficial ownership of all of the listed securities to the extent it exceeds his pecuniary interest therein, and the inclusion of the shares in this report shall not be deemed to be an admission of beneficial ownership of the reported shares for the purposes of Section 16 of the Exchange Act or otherwise.

Remarks:

/s/ Sriram Venkataraman 06/24/2015

** 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 5 (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.