

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* <u>Burgstahler David F</u> (Last) (First) (Middle) <u>C/O AVISTA CAPITAL PARTNERS</u> <u>65 E. 55TH STREET, 18TH FLOOR</u> (Street) <u>NEW YORK NY 10022</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>ANGIODYNAMICS INC [ANGO]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>08/06/2013</u>	
	4. 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 Form filed by More than One Reporting Person

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)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	08/06/2013		A		3,000 ⁽¹⁾	A	\$0	5,850	D	
Common Stock								5,848,255	I	See footnote ⁽²⁾
Common Stock								1,542,132	I	See footnote ⁽³⁾
Common Stock								2,042,621	I	See footnote ⁽⁴⁾

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, 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. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		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
Non-Qualified Stock Option (right to buy)	\$11.92	08/06/2013		A		7,000		08/06/2014 ⁽⁵⁾	08/06/2020	Common Stock	7,000	\$0	7,000	D	

Explanation of Responses:

- The acquisition of 3,000 shares of common stock represents 3,000 restricted stock units, each of which represents a contingent right to receive one share of AngioDynamics, Inc. common stock. The restricted stock units vest in four equal installments beginning on 8/6/2014.
- 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.
- Represents shares of the Issuer held by Avista Capital Partners (Offshore), LP ("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.
- Represents shares of the Issuer held by Navilyst Medical Co-Invest, LLC ("NM Co-Invest"). ACP GP is the managing member of NM Co-Invest. 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 NM Co-Invest. Mr. Burgstahler expressly disclaims beneficial ownership of any such securities, except to the extent of his pecuniary interest therein.
- Options for 25% of the shares are each exercisable on 8/6/2014, 8/6/2015, 8/6/2016 and 8/6/2017, respectively.

Remarks:

/s/ Stephen A. Trowbridge, 08/08/2013
Attorney in Fact

** 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.