UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT
Pursuant to Section 13 or 15(d) of the
Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): July 24, 2008

AngioDynamics, Inc.

(Exact Name of Registrant as Specified in Charter)

Delaware (State or Other Jurisdiction of Incorporation)

000-50761 (Commission File Number) 11-3146460 (IRS Employer Identification No.)

603 Queensbury Avenue, Queensbury, New York 12804 (Address of Principal Executive Offices) (Zip Code)

(518) 798-1215

(Registrant's telephone number, including area code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2 (b))
- o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4 (c))

Item 2.02 – Results of Operations and Financial Condition.

On July 24, 2008, AngioDynamics, Inc. (the "Company") issued a press release announcing financial results for the fiscal fourth quarter and full year ended May 31, 2008, as well as guidance for net sales, gross profit, operating income, earnings per share and EBITDA for fiscal 2009.

The information set forth in Item 2.02 of this Form 8-K (including Exhibit 99.1) shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the Exchange Act), or incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

Forward-Looking Statements

This document and its attachments include "forward-looking statements" intended to qualify for the safe harbor from liability established by the Private Securities Litigation Reform Act of 1995. Investors can identify these statements by the fact that they do not relate strictly to historical or current facts. These statements contain words such as "expect," "reaffirm," "anticipate," "plan," "believe," "estimate," "may," "will," "predict," "project," "might," "intend," "potential," "could," "would," "should," "estimate," "seek," "continue," "pursue," or "our future success depends," or the negative or other variations thereof or comparable terminology, are intended to identify such forward-looking statements. In particular, they include statements relating to, among other things, future actions, strategies, future performance, future financial results of the Company. These forward-looking statements are based on current expectations and projections about future events.

Investors are cautioned that forward-looking statements are not guarantees of future performance or results and involve risks and uncertainties that cannot be predicted or quantified and, consequently, the actual performance or results of the Company may differ materially from those expressed or implied by such forward-looking statements. Such risks and uncertainties include, but are not limited to, the factors described from time to time in the Company's reports filed with the SEC, including the Company's Form 10-K for the fiscal year ended June 2, 2007 and Form 10-Q for the period ended February 29, 2008, financial community and rating agency perceptions of the Company; the effects of economic, credit and capital market conditions on the economy in general, and on medical device companies in particular; domestic and foreign health care reforms and governmental laws and regulations; third-party relations and approvals, technological advances and patents attained by competitors; and challenges inherent in new product development, including obtaining regulatory approvals. In addition to the matters described above, the ability of the Company to develop its products, future actions by the FDA or other regulatory agencies, results of pending or future clinical trials, the outcome of pending patent litigation, overall economic conditions, general market conditions, market acceptance, foreign currency exchange rate fluctuations, and the effects on pricing from group purchasing organizations and competition, may affect the actual results achieved by the Company.

Any forward-looking statements are made pursuant to the Private Securities Litigation Reform Act of 1995 and, as such, speak only as of the date made. The Company disclaims any obligation to update the forward-looking statements. Investors are cautioned not to place undue reliance on these forward-looking statements which speak only as of the date stated, or if no date is stated, as of the date of this document.

Item 9.01 – Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No. Description

99.1 Press Release dated July 24, 2008.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

ANGIODYNAMICS, INC. (Registrant)

Date: July 24, 2008 By: /s/ D. Joseph Gersuk

D. Joseph Gersuk Chief Financial Officer

EXHIBIT INDEX

Exhibit No. Description

99.1 Press Release dated July 24, 2008.



For Immediate Release

Company Contact:
AngioDynamics, Inc.
D. Joseph Gersuk, CFO
(800) 772-6446 x1608
jgersuk@AngioDynamics.com

Investor Relations Contacts: <u>EVC Group, Inc.</u> Doug Sherk / Donald Takaya (415) 896-6820 dsherk@evcgroup.com <u>dtakaya@evcgroup.com</u> Media Contact: EVC Group, Inc. Steve DiMattia (646) 201-5445 sdimattia@evcgroup.com

AngioDynamics Reports Fiscal Fourth Quarter and Full Year 2008 Financial Results

- Fourth Quarter Sales Increase 14% to \$46.8 Million
- Net Income for the Fourth Quarter of \$519,000 and EPS of \$0.02; Excluding VNUS Medical Settlement, Net Income of \$4.7 Million and EPS of \$0.19
- Adjusted Income (Non GAAP) for the Fourth Quarter of \$10.1 Million and Adjusted EPS (Non GAAP) of \$0.41 Per Share
- · Company Establishes Three Business Units to Drive Future Growth
- Announces Significant Investment in Sales Force Expansion, NanoKnife™ and IRE Product Development
- Conference Call Begins Today at 4:30 p.m. Eastern Time

QUEENSBURY, N.Y. July 24, 2008 — AngioDynamics, Inc. (NASDAQ: ANGO), a leading provider of innovative medical devices used by interventional radiologists, and surgeons for the minimally invasive treatment of cancer and peripheral vascular disease, today reported financial results for the fiscal fourth quarter and full fiscal year 2008, which ended on May 31, 2008.

Net sales in the fiscal fourth quarter were \$46.8 million, a 14% increase over the \$40.9 million reported in the fourth quarter a year ago. Gross margin rose in the fourth quarter to 62.7% from 58.9% in the prior year's fourth quarter. Operating income in the fourth quarter of 2008 was \$322,000 and net income was \$519,000, or \$0.02 per share. The fourth quarter's operating income, net income and EPS were reduced by \$6.8 million, \$4.2 million and \$0.17 per share, respectively, as a result of the settlement of patent litigation with VNUS Medical Technologies announced on June 3, 2008. Excluding this

charge, operating income was \$7.1 million and net income was \$4.7 million, or \$0.19 per share, compared with operating income of \$4.0 million and net income of \$2.9 million, or \$0.12 per share in the fourth quarter of fiscal year 2007, which ended on June 2, 2007. Net income adjusted for the items listed in the Consolidated Income Statement table attached to this release was \$10.1 million, or \$0.41 per share as compared with \$7.9 million, or \$0.33 per share for the corresponding period one year ago.

The Company generated \$5.8 million in cash flow from operations in the fourth quarter (or \$12.8 million excluding \$7.0 million paid to Diomed, Inc. in settlement of patent litigation and disclosed in the fiscal third quarter), bringing cash flow from operations for fiscal 2008 to \$25.9 million, compared to \$8.8 million in fiscal 2007. Cash and investments at May 31, 2008 totaled \$78.3 million.

For fiscal year 2008, net sales were \$166.5 million, which is 48% higher than net sales of \$112.2 million for fiscal year 2007. Net sales in fiscal year 2008 included a full year of sales from RITA Medical Systems, which AngioDynamics acquired on January 29, 2007. Net income for fiscal 2008 was \$10.9 million, or \$0.45 per diluted share, compared to a net loss for fiscal 2007 of \$9.1 million, or \$0.49 per share.

"From an operating perspective, the fourth quarter was our best quarter of the fiscal year and gave us strong momentum going into fiscal 2009," said Eamonn P. Hobbs, President and CEO. "In the fourth quarter, total Company sales grew 14%. Our interventional product sales growth of 12% was the best quarterly performance for that group of products during the fiscal year. International sales were also very strong, growing 26%. Fourth quarter operating income, excluding the VNUS settlement, was the highest in the Company's history. In addition to the strong operating performance, there were a number of other accomplishments in the quarter that position AngioDynamics well to execute on its growth strategy. These include completing the acquisition of Irreversible Electroporation (IRE) technology of Oncobionic, preparations to integrate the Diomed business, the negotiation of a settlement of major patent litigation, and the internal reorganization of the Company mentioned below."

"As we move into fiscal 2009, our organization has made substantial progress," said Mr. Hobbs. "In addition to developing our strategy for commercializing our Irreversible Electroporation (IRE) technology, we've begun the intial phases of our roll-out plan for our first IRE technology-based product. At the same time, we completed the acquisition of both the U.S. and U.K. assets of Diomed and eliminated the distractions and costs of ongoing litigation with VNUS. The result of these two developments is that we have substantially strengthened our position in the rapidly growing worldwide market for the treatment of varicose veins."

"To capitalize on our various market opportunities across our product lines, we have begun implementing a plan to create three distinct business units within AngioDynamics," continued Mr. Hobbs. "Our Surgical/Oncology unit will incorporate RFA, embolization, HabibTM, and our first product line utilizing the IRE technology. Our Access unit will incorporate dialysis, ports and PICC product lines and our Peripheral Vascular unit will incorporate venous, angiographic, PTA, drainage and thrombolytic product lines. Each unit will be led by a Senior Vice President/General Manager and will have dedicated sales, product marketing and engineering resources. We believe that as a

result of this transition, we will create more focus within our organization to capitalize on opportunities as they develop within each market."

"Regarding the development of our IRE technology, at the recent World Conference on Interventional Oncology in Los Angeles, we unveiled our first IRE product, NanoKnife, and created a great deal of interest in the new system. We have begun the process of placing the first 20 NanoKnife systems with thought leaders in the U.S. and Europe. As we reported, the first human clinical use of the NanoKnife took place in April and was extremely successful in terms of patient outcome. A clinical trial is about to begin in Italy and additional patients are being treated in Florida.

"While we continue to expect a modest contribution to our top line of approximately \$1.0 million from the NanoKnife during fiscal 2009, we are very excited about the potential for this technology to become our largest selling product group within a few years" added Mr. Hobbs. "During the upcoming fiscal year, we will be making substantial investments in the development of NanoKnife, especially in clinical trials designed to generate data on the broad applications for Nanoknife in surgical resection.

Fiscal 2009 Guidance

The Company's outlook for fiscal 2009 is as follows:

- -- Net sales in the range of \$205-\$210 million
- -- Gross profit in the range of 60-61% of net sales
- -- GAAP operating income in the range of \$21-22 million
- -- GAAP EPS of approximately \$0.55
- -- EBITDA in the range of \$33-35 million

Included in the guidance is an approximate \$5 million reduction in operating income and an approximate \$0.13 reduction in EPS attributable to the Company's efforts to commercialize and bring IRE technology to market in fiscal 2009. Without the \$0.13 incremental strategic investment in commercializing and bringing IRE technology to market during fiscal 2009, the Company's EPS guidance for the upcoming fiscal year would have been approximately \$0.68. Operating income includes expenses for IRE investment and the expansion of the sales force. The gross profit guidance reflects increased sales mix of venous products following the acquisition of the Diomed business.

In addition, for fiscal year 2010, the Company currently expects sales growth to approach 20% over fiscal 2009, R&D expense to return to 8% of sales, and operating income as a percentage of net sales to improve by 2-4 percentage points due to operating efficiencies.

Conference Call

AngioDynamics management will host a conference call to discuss its fourth quarter and full fiscal year results today beginning at 4:30 p.m. Eastern Time. To participate in the live call by telephone, please dial (800) 257-3401 from the U.S. or for international callers, please dial (303) 262-2131.

In addition, individuals can listen to the call on the Internet by visiting the investor relations portion of the Company's Web site at http://investor.angiodynamics.com. To listen to the live call, please go to the website 15 minutes prior to its start to register, download, and install the necessary audio software.

A replay will be available on the website. A telephone replay will be available from 6:30 p.m. Eastern time on July 24, 2008 through 11:59 p.m. Eastern time on August 1, 2008 by dialing (800) 405-2236 (domestic) or (303) 590-3000 (international) and entering the passcode: 11117392#.

Use of Non-GAAP Measures

Management uses non-GAAP measures to establish operational goals, and believes that non-GAAP measures may assist investors in analyzing the underlying trends in the Company's business over time. Investors should consider these non-GAAP measures in addition to, not as a substitute for or as superior to, financial reporting measures prepared in accordance with GAAP. In this news release, the Company has reported non-GAAP adjusted income and adjusted EPS, non-GAAP cash flow from operations, operating income, net income and earnings per share. Adjusted income and adjusted EPS excludes certain non-cash expenses relating to the amortization of intangibles, stock-based compensation expense (net of tax), and the settlement of patent litigation with VNUS announced on June 3, 2008, and includes the cash benefit from the use of acquired net operating losses. In addition, the Diomed litigation provision and the related gain on settlement have also been excluded from adjusted income. Non-GAAP cash flow from operations in the fourth quarter excludes \$7.0 million paid to Diomed in settlement of patent litigation and disclosed in the third quarter. Non-GAAP operating income, net income and earnings per share during the fourth quarter exclude the settlement of patent litigation with VNUS announced on June 3, 2008. In the prior fiscal year, non-GAAP adjusted income and EPS also excludes the RITA Medical acquired in process R&D charge. Management uses these measures in its internal analysis and review of operational performance. Management believes that these measures provide investors with useful information in comparing the Company's performance over different periods, particularly when comparing this period to periods in which the Company did not incur any expenses relating to these activities or items. By using these non-GAAP measures, management believes that investors get a better picture of the performance of the Company's underlying business. Management encourages investors to review the Company's financial results prepared in accordance with GAAP to understand the Company's performance taking into account all relevant factors, including those that may only occur from time to time but have a material impact on the Company's financial results. Please see the tables that follow for a reconciliation of GAAP to non-GAAP measures.

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AngioDynamics, Inc. is a leading provider of innovative medical devices used by interventional radiologists, surgeons, and other physicians for the minimally invasive treatment of cancer and peripheral vascular disease. The Company's diverse product line includes market-leading radiofrequency ablation systems, vascular access products, angiographic products and accessories, dialysis products, angioplasty products, drainage products, thrombolytic products, embolization products and venous products. More information is available at www.angiodynamics.com.

Safe Harbor

This release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. All statements regarding AngioDynamics' expected future financial position, results of operations, cash flows, business strategy, budgets, projected costs, capital expenditures, products, competitive positions, growth opportunities, plans and objectives of management for future operations, as well as statements that include the words such as "expects," "reaffirms" "intends," "anticipates," "plans," "believes," "seeks," "estimates," or variations of such words and similar expressions, are forward-looking statements. These forward looking statements are not guarantees of future performance and are subject to risks and uncertainties. Investors are cautioned that actual events or results may differ from the Company's expectations. Factors that may affect the actual results achieved by the Company include, without limitation, the ability of the Company to develop its existing and new products, future actions by the FDA or other regulatory agencies, results of pending or future clinical trials, overall economic conditions, general market conditions, market acceptance, foreign currency exchange rate fluctuations, the effects on pricing from group purchasing organizations and competition, the ability of the Company to integrate the purchased Diomed businesses as well as the risk factors listed from time to time in the SEC filings of AngioDynamics, Inc., including but not limited to its Annual Report on Form 10-K for the year ended June 2, 2007. The Company does not assume any obligation to publicly update or revise any forward-looking statements for any reason.

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ANGIODYNAMICS, INC. AND SUBSIDIARIES CONSOLIDATED INCOME STATEMENTS

(in thousands, except per share data)

	Three months ended					Twelve months ended				
	May 31, 2008		June 2, 2007		May 31, 2008		June 2, 2007			
		(unaudited)				(unau				
Net sales	\$	46,752	\$	40,855	\$	166,500	\$	112,227		
Cost of sales (1)		17,439		16,807		63,913		46,060		
Gross profit		29,313	-	24,048		102,587		66,167		
% of net sales		62.7%		58.9%		61.6%		59.0%		
Operating expenses										
Research and development (1)		4,064		3,043		14,424		20,555		
Sales and marketing (1)		12,507		11,138		46,047		31,605		
General and administrative (1)		3,820		4,076		15,425		13,172		
Amortization of intangibles		1,843		1,648		6,849		2,350		
Litigation provision, net		6,757		110		3,606		9,710		
Total operating expenses		28,991		20,015		86,351		77,392		
Operating income (loss)		322		4,033		16,236		(11,225)		
Other income, net		403		790		1,092		4,053		
Income (loss) before income taxes		725		4,823		17,328		(7,172)		
Provision for income taxes		206		1,897		6,439		1,955		
Net income (loss)	\$	519	\$	2,926	\$	10,889	\$	(9,127)		
Earnings per common share										
Basic	\$	0.02	\$	0.12	\$	0.45	\$	(0.49)		
Diluted	\$	0.02	\$	0.12	\$	0.45	\$	(0.49)		
Weighted average common shares										
Basic		24,199		23,934		24,082		18,444		
Diluted		24,394		24,211		24,349		18,444		

ANGIODYNAMICS, INC. AND SUBSIDIARIES CONSOLIDATED INCOME STATEMENTS

(in thousands, except per share data)

	Three months ended			Twelve months ended					
	May 31, June 2, 2008 2007		May 31, 2008		June 2, 2007				
		(unau			_		audited)		
(1) Includes stock-based compensation expense of:		`				(anadated)			
Cost of sales	\$	166	\$	157	\$	645	\$	476	
Research and development		126		177		737		615	
Sales and marketing		440		289		1,540		966	
General and administrative		511		445		1,977		1,441	
Total stock-based compensation		1,243		1,068		4,899		3,498	
Income tax benefit		(365)		(304)		(1,478)		(1,126)	
Net stock-based compensation expense	\$	878	\$	764	\$	3,421	\$	2,372	
Reconciliation of Net Income to non-GAAP adjusted income:									
Net income (loss)	\$	519	\$	2,926	\$	10,889	\$	(9,127)	
Stock-based compensation expense		1,243		1,068		4,899		3,498	
Amortization of intangibles		1,843		1,648		6,849		2,350	
Cash benefit from use of NOL's		2,605		1,609		7,319		1,609	
Litigation provision, net		6,757		110		3,606		9,710	
Amortization of inventory step-up		-		894		-		1,192	
Acquired in process R&D		_						12,100	
Adjusted income before taxes		12,967		8,255		33,562		21,332	
Effect of income taxes		(2,879)	Φ.	(346)	_	(2,801)	_	(842)	
Adjusted income	\$	10,088	\$	7,909	\$	30,761	\$	20,490	
Adjusted income per common share									
Basic	\$	0.42	\$	0.33	\$	1.28	\$	1.11	
Diluted	\$	0.41	\$	0.33	\$	1.26	\$	1.11	
Weighted average common shares									
Basic		24,199		23,934		24,082		18,444	
Diluted		24,394		24,211		24,349		18,444	

ANGIODYNAMICS, INC. AND SUBSIDIARIES NET SALES BY PRODUCT CATEGORY AND BY GEOGRAPHY

(in thousands)

	Three months ended					Twelve mo	nths	ths ended	
	<i>y</i> ,		une 2, 2007	May 31, 2008			June 2, 2007		
	(unaudited)			(unaudited)					
Net Sales by Product Category									
Interventional Products Oncology Products	\$	35,864 10,888	\$	31,920 8,935	\$	128,102 38,398	\$	101,126 11,101	
Total	\$	46,752	\$	40,855	\$	166,500	\$	112,227	
Net Sales by Geography									
United States International	\$	41,988 4,764	\$	37,071 3,784	\$	150,643 15,857	\$	105,154 7,073	
Total	\$	46,752	\$	40,855	\$	166,500	\$	112,227	

ANGIODYNAMICS, INC. AND SUBSIDIARIES CONSOLIDATED BALANCE SHEETS

(in thousands)

		May 31, 2008		Jun 2, 2007		
	(unaudited)			(2)		
Assets						
Current Assets	*	00.075		20.245		
Cash and cash equivalents	\$	32,040	\$	28,313		
Restricted cash		68		1,786		
Marketable securities		46,182		43,191		
Total cash and investments		78,290		73,290		
Receivables, net		26,642		20,798		
Inventories, net		22,901		28,007		
Deferred income taxes		10,902		2,247		
Prepaid expenses and other		3,147		2,957		
Total current assets		141,882		127,299		
Property, plant and equipment, net		21,163		16,832		
Intangible assets, net		71,311		49,148		
Goodwill		162,707		153,787		
Deferred income taxes		6,860		29,289		
Other non-current assets		4,824		6,926		
Total Assets	\$	408,747	\$	383,281		
Liabilities and Stockholders' Equity						
Current portion of long-term debt	\$	10,040	\$	315		
Litigation provision		6,757		9,790		
Contractual payments on acquisition of business, net		9,625		-		
Other current liabilities		19,537		20,103		
Long-term debt, net of current portion		7,075		17,115		
Total Liabilities		53,034		47,323		
Stockholders' equity		355,713		335,958		
Total Liabilities and Stockholders' Equity	\$	408,747	\$	383,281		
Shares outstanding		24,268		23,962		
(2) Derived from audited financial statements						

ANGIODYNAMICS, INC. AND SUBSIDIARIES CONSOLIDATED STATEMENTS OF CASH FLOWS (in thousands)

	Ye			
	May 31, 2008 (unaudited)		June 2, 2007 (unaudited)	
Cash flows from operating activities:				
Net income	\$	10,889	\$ (9	9,127)
Depreciation and amortization		9,205	3	3,764
Tax effect of exercise of stock options		(390)		597
Deferred income taxes		5,483	(2	2,818)
Stock-based compensation		4,902	3	3,498
Litigation provision, net		3,967	g	9,790
Purchased research and development expense		_	12	2,100
Other		799		601
Changes in operating assets and liabilities				
Receivables		(6,067)	(1	L,474)
Inventories		4,043	(6	5,522)
Accounts payable and accrued liabilities		2,340	(2	2,890)
Other long term liabilities		(7,000)		_
Other		(2,264)	1	1,265
Net cash provided by operating activities		25,907	- 8	3,784
Cash flows from investing activities:				
Additions to property, plant and equipment		(6,711)	(5	5,806)
Acquisition of intangible assets and business		(18,694)	(30),384)
Change in restricted cash		1,718	(1	L,786)
Purchases of marketable securities, net		(2,507)	(17	7,066)
Net cash used in investing activities		(26,194)	(55	5,042)
Cash flows from financing activities:				
Repayment of long-term debt		(315)		(205)
Issuance of long term debt			5	5,000
Proceeds from exercise of stock options and ESPP		4,238	۷	1,579
Other		91	1	l,155
Net cash provided by financing activities		4,014	10),529
Increase (decrease) in cash and cash equivalents		3,727	(35	5,729)
Cash and cash equivalents				
Beginning of period		28,313	64	1,042
End of period	\$	32,040	\$ 28	3,313