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): April 4, 2012

AngioDynamics, Inc.

(Exact Name of Registrant as Specified in Charter)

Delaware 000-50761 11-3146460

(State or Other Jurisdiction of Incorporation) (Commission File Number) (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:

- o 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 April 4, 2012, AngioDynamics, Inc. (the "Company") issued a press release announcing financial results for the fiscal third quarter ended February 29, 2012.

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," "optimistic," "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 and 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 May 31, 2011 and the Company's Form 10-Q for the fiscal quarter ended November 30, 2011, 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 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 and the ability of the Company to integrate purchased businesses, 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 April 4, 2012.

SIGNATURE

Pursuant to t	the requirements of t	the Securities E	Exchange A	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: April 4, 2012 By: /s/ D. Joseph Gersuk

D. Joseph Gersuk Chief Financial Officer

EXHIBIT INDEX

Exhibit No. Description

99.1 Press Release dated April 4, 2012.



FOR IMMEDIATE RELEASE

Company Contact:

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

Investor Relations Contacts:

EVC Group, Inc.
Bob Jones/ Greg Gin
(646) 201-5447/ (646) 445-4801
bjones@evcgroup.com; ggin@evcgroup.com
Doug Sherk
(415) 652-9100
dsherk@evcgroup.com

Media Contact:

EVC Group, Inc. Chris Gale (646) 201-5431 cgale@evcgroup.com

AngioDynamics Reports Fiscal 2012 Third Quarter Financial Results

ALBANY, N.Y. April 4, 2012 – AngioDynamics (NASDAQ: ANGO), a leading provider of innovative, minimally invasive medical devices for vascular access, surgery, peripheral vascular disease and oncology, today reported financial results for the fiscal 2012 third quarter and nine months ended February 29, 2012

Net sales in the third quarter were \$51.6 million, compared to \$54.6 million reported in the prior year period. U.S. sales were \$43.6 million, compared to \$48.3 million in the third quarter of fiscal 2011. International sales grew 26% to \$7.9 million from the prior year period. Vascular sales were \$37.9 million, compared to \$38.3 million from the third quarter a year ago. Oncology/Surgery sales were \$13.7 million, including \$2.0 million in NanoKnife® System sales, compared to \$16.3 million and \$1.9 million, respectively, in the prior year period. Excluding LC Beads™, a product line discontinued after the expected conclusion of the U.S. distribution agreement on December 31, 2011, third quarter net sales for the Company and the Oncology/Surgery division were essentially unchanged from the prior year period. LC Beads sales were \$4.2 million in the quarter and \$6.7 million in the third quarter a year ago.

Gross margin in the third quarter was 57.0% compared to 58.0% a year ago, with the current period margin reduced by \$900,000 in costs related to improving the Company's quality system (the Quality Call to Action program) and \$400,000 in product recall costs. The Company reported an operating loss of \$2.8 million in the third quarter, inclusive of \$5.0 million in acquisition and restructuring costs. Excluding the \$6.3 million of costs noted above, operating income was \$3.6 million compared with \$5.2 million a year ago. Net loss in the third quarter was \$1.8 million, or \$0.07 per share. Excluding the costs noted above, net income was \$2.3 million, or \$0.09 per share, compared to \$3.8 million, or \$0.15 per share, in the third quarter a year ago.

During the third quarter, AngioDynamics generated net cash flow from operations of \$6.8 million. Excluding the impact of the items noted above, net cash flow from operations would have been \$8.6 million in the third quarter. Cash and investments totaled \$143.0 million at February 29, 2012. The Company did not repurchase any shares during the fiscal 2012 third quarter under its common stock repurchase program and plans no further repurchases prior to May 31, 2012, when the authorization expires.

"Third quarter net sales reflect continued strength in our VenaCure EVLT® System and strong international demand for our products, offset by the negative impact voluntary product recalls and supply constraints had on U.S. sales," said Joseph DeVivo, President and CEO. "These factors, combined with the significant investment we are making to improve our quality systems, impacted operating results this quarter.

"Shortly after I joined AngioDynamics last year, and as part of the Company's response to investigational observations received from the FDA, our team developed and began to implement a comprehensive Quality Call to Action program to review and augment the quality management systems at our Queensbury and Fremont facilities," Mr. DeVivo continued. "We have engaged a team of external regulatory and quality experts, as well as reallocated significant engineering and product development resources, to accelerate and support this in-depth, corporate-wide initiative. We recently communicated our plans, and our progress toward achieving world-class quality systems, to the FDA. These initiatives are ongoing, and we expect to invest approximately \$1.5 million in our Quality Call to Action program in the fourth quarter. These investments will allow AngioDynamics to emerge a stronger company."

During the quarter, the Company announced the proposed acquisition of privately-held Navilyst Medical, a global medical device company with particular strengths in the vascular access, interventional radiology and interventional cardiology markets. The acquisition will significantly expand AngioDynamics' scale, doubling its share of the vascular access market, while building critical mass in the peripheral vascular market. The acquisition is expected to close in the Company's fourth quarter ended May, 31, 2012.

"We are excited about the scale, technology and operational excellence that Navilyst will bring to AngioDynamics," Mr. DeVivo explained "Following the transaction's close, AngioDynamics will have No. 1 or No. 2 competitive positions in each of its key markets. The acquisition will improve our existing sales capabilities and operations, while providing a solid platform to take advantage of future growth opportunities."

Highlights of the quarter, and more recent activities, include the following:

- AngioDynamics recently announced a strategic relationship with Microsulis Medical Ltd, a company specializing in minimally invasive, microwave ablation technology. The relationship includes a \$5 million equity investment, international distribution rights, and an exclusive option to purchase the microwave ablation technology and other assets of the company.
- · Five oral presentations were given at the Society of Interventional Radiology's (SIR) Annual Scientific Meeting in San Francisco on clinical experience with the NanoKnife® System. This included a company-sponsored phase II prospective, multicenter clinical study in Europe to evaluate the NanoKnife System for first-line treatment of liver cancer. It also included two presentations on experience with pancreatic cancer, one of which was highlighted in a press release issued by SIR and a press conference.

- An oral presentation was delivered at the Society of Surgical Oncology (SSO) conference in Orlando regarding clinical experience with the NanoKnife® System on pancreatic cancer. An evaluation of registry data administered by the University of Louisville, Department of Surgery, Division of Surgical Oncology, the authors reported a significant improvement in local progression-free survival, 14 versus six months. Improvement also was reported for distant progression-free survival, 15 versus nine months. Overall survival increased to 20 months versus 13 months.
- · Receipt of U.S. FDA 510(k) Market Clearance for AngioDynamics' NeverTouch Direct™ Procedure Kit for use with the Company's VenaCure EVLT® Laser Vein Ablation System.
- · Continued double-digit growth of VenaCure EVLT System sales, driven by the strong performance of the VenaCure® 1470nm laser and NeverTouch® procedure kits.
- · AngioDynamics launched the DuraFlow[™] 2 Chronic Dialysis Catheter, which features a redesigned kit that is more convenient for institutions looking to better control inventories, and also expands the product's appeal to vascular access centers where 45% of all chronic dialysis catheter placements occur.

For the nine months ended February 29, 2012, net sales were \$164.1 million, a 3% increase over the \$159.5 million reported for the prior year period. Gross margin for the nine months ended February 29, 2012, was 57.8% compared with 58.5% for the nine months ended February 28, 2011. For the nine months ended February 29, 2012, operating income was \$3.9 million, compared to \$14.1 million for the year ago period. Net income was \$1.9 million, or \$0.08 per share, compared to \$9.0 million, or \$0.36 per share, reported for the prior year period. Excluding the Quality Call to Action program, product recall, acquisition and restructuring costs, net income was \$8.5 million, or \$0.34 per share, in the nine month period compared with \$9.5 million, or \$0.38 a year ago.

Fiscal 2012 Fourth Quarter Guidance

As shown in the tables below, the Company updated its guidance for fiscal 2012 to reflect nine month results and its outlook for the fourth quarter. The guidance is inclusive of a \$0.15 loss per share impact from the NanoKnife System program, approximately \$20 million in R&D spending in fiscal 2012 and \$0.3 million to be recorded as a restructuring cost in the fourth quarter for the closure of a facility in the UK. The Company anticipates that it will invest approximately \$1.5 million in its Quality Call to Action program during the fourth quarter. The Company expects to close the acquisition of Navilyst Medical in May 2012; however, the guidance does not reflect any operating results for Navilyst in fiscal 2012, or any of the acquisition or restructuring costs that will be reflected in the fourth quarter.

FY 2012 GUIDANCE, INCLUDING ITEMS (GAAP) (\$ in mil's, except EPS)											
	<u>Q4</u>	FY 2012									
Sales (\$)	52.1 - 54.1	216.2 - 218.2									
Sales Growth (%)	(8)% - (4)%	0% - 1%									
Gross Margin (%)	57.5% - 58.5%	57.0% - 58.0%									
Operating Income (\$)	1.7 - 2.7	5.5 – 6.5									
EBITDA (\$)	5.2 - 6.2	18.8 – 19.8									
EPS (\$)	0.04 - 0.06	0.12 - 0.14									
	· · · · · · · · · · · · · · · · · · ·	FY 2012 GUIDANCE, EXCLUDING ITEMS (Non-GAAP)* (\$ in mil's, except EPS)									
	<u>Q4</u>										
Sales (\$)		FY 2012									
omes (ψ)	52.1 - 54.1	FY 2012 216.2 - 218.2									
Sales Growth (%)											
	52.1 - 54.1	216.2 - 218.2									
Sales Growth (%)	52.1 - 54.1 (8)% - (4)%	216.2 - 218.2 0% - 1%									
Sales Growth (%) Pro Forma Sales Growth (%)**	52.1 - 54.1 (8)% - (4)% 8% - 13%	216.2 - 218.2 0% - 1% 4% - 6%									
Sales Growth (%) Pro Forma Sales Growth (%)** Gross Margin (%)	52.1 - 54.1 (8)% - (4)% 8% - 13% 60.5% - 61.5%	216.2 - 218.2 0% - 1% 4% - 6% 59.0% - 60.0%									

^{*} Excludes Quality Call to Action program, product recall, acquisition and restructuring costs.

Conference Call

AngioDynamics management will host a conference call to discuss its third quarter results today beginning at 4:30 p.m. Eastern Time. To participate in the live call by telephone, please dial 1 (877) 941-0844. In addition, individuals can listen to the live call and the replay on the Internet by visiting the investor relations portion of the AngioDynamics Web site at http://investors.angiodynamics.com. To listen to the live call, please go to the Web site 15 minutes prior to its start to register, download and install the necessary audio software.

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 AngioDynamics' 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, AngioDynamics has reported pro forma sales growth, non-GAAP gross margin, non-GAAP operating income, non-GAAP income before interest, taxes, depreciation and amortization), non-GAAP net

^{**} Pro Forma Sales Growth excluding LC Beads in all periods

income and non-GAAP earnings per share. 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 AngioDynamics' performance over different periods. By using these non-GAAP measures, management believes that investors get a better picture of the performance of AngioDynamics' underlying business. Management encourages investors to review AngioDynamics' financial results prepared in accordance with GAAP to understand AngioDynamics' performance taking into account all relevant factors, including those that may only occur from time to time but have a material impact on AngioDynamics' financial results. Please see the tables that follow for a reconciliation of non-GAAP measures to measures prepared in accordance with GAAP.

About AngioDynamics

AngioDynamics, Inc. is a leading provider of innovative, minimally invasive medical devices used by professional healthcare providers for vascular access, surgery, peripheral vascular disease and oncology. AngioDynamics' diverse product lines include market-leading ablation systems, vascular access products, angiographic products and accessories, angioplasty products, drainage products, thrombolytic 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," "optimistic," 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 AngioDynamics' expectations. Factors that may affect the actual results achieved by AngioDynamics include, without limitation, the ability of AngioDynamics 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, the results of on-going litigation, general market conditions, market acceptance, foreign currency exchange rate fluctuations, the effects on pricing from group purchasing organizations and competition, the ability of AngioDynamics to integrate purchased businesses, as well as the risk factors listed from time to time in AngioDynamics' SEC filings, including but not limited to its Annual Report on Form 10-K for the year ended May 31, 2011 and its Quarterly report on Form 10-Q for the period ended November 30, 2011. AngioDynamics does not assume any obligation to publicly update or revise any forward-looking statements for any reason.

In the United States, NanoKnife has been cleared by the FDA for use in the surgical

ablation of soft tissue. NanoKnife has not been cleared for the treatment or therapy of a specific disease or condition. This document may discuss the use of NanoKnife for specific clinical indications for which it is not cleared in the United States at this time.

ANGIODYNAMICS, INC. AND SUBSIDIARIES CONSOLIDATED INCOME STATEMENTS

(in thousands, except per share data)

		Three months ended				Nine months ended					
	Fe	February 29, February 28 2012 2011			February 29, 2012		Fe	bruary 28, 2011			
		(unaudited)				(unau	dited)				
Net sales	\$	51,567	\$	54,648	\$	164,097	\$	159,527			
Cost of sales		22,153		22,927		69,307		66,250			
Gross profit		29,414		31,721		94,790		93,277			
% of net sales		57.0%		% 58.0%		57.8%		58.5%			
Operating expenses											
Research and development		4,574		5,322		15,289		15,824			
Sales and marketing		15,802		14,553		47,958		42,790			
General and administrative		4,434		4,346		13,371		13,105			
Amortization of intangibles		2,320		2,252		6,914		6,660			
Acquisition and restructuring		5,041				7,372		772			
Total operating expenses		32,171		26,473		90,904		79,151			
Operating income (loss)		(2,757)		5,248		3,886		14,126			
Other income (expense), net		(123)		(178)		(1,094)		(968)			
Income (loss) before income taxes		(2,880)		5,070		2,792		13,158			
Provision for (benefit from) income taxes		(1,112)		1,259		858		4,180			
Net income (loss)	\$	(1,768)	\$	3,811	\$	1,934	\$	8,978			
Earnings (Loss) per common share											
Basic	\$	(0.07)	\$	0.15	\$	0.08	\$	0.36			
Diluted	\$	(0.07)	\$	0.15	\$	80.0	\$	0.36			
Weighted average common shares											
Basic		25,129		24,902		25,114		24,833			
Diluted		25,129		25,174		25,289		25,085			

ANGIODYNAMICS, INC. AND SUBSIDIARIES CONSOLIDATED INCOME STATEMENTS

(in thousands, except per share data)

Reconciliation of Operating Income to non-GAAP EBITDA and non-GAAP Adjusted EBITDA:

		Three months ended				Nine months ended				
		oruary 29, 2012	February 28, 2011		February 29, 2012		Fel	oruary 28, 2011		
		(unau	dited)		(unaudited)					
Operating income (loss)	\$	(2,757)	\$	5,248	\$	3,886	\$	14,126		
Amortization of intangibles		2,320		2,252		6,914		6,660		
Depreciation EBITDA		868 431		876 8,376		2,547 13,347		2,452 23,238		
Quality Call to Action Program		912		-		912		-		
Product recalls Acquisition and restructuring		438 5,041		-		1,879 7,372		- 772		
Adjusted EBITDA	\$	6,822	\$	8,376	\$	23,510	\$	24,010		
EBITDA per common share										
Basic	\$	0.02	\$	0.34	\$	0.53	\$	0.94		
Diluted	\$	0.02	\$	0.33	\$	0.53	\$	0.93		
Adjusted EBITDA per common share										
Basic	\$ \$	0.27	\$	0.34	\$	0.94	\$	0.97		
Diluted	Э	0.27	\$	0.33	\$	0.93	\$	0.96		
Weighted average common shares										
Basic Diluted		25,129 25,129		24,902 25,174		25,114 25,289		24,833 25,085		
Diffued		23,129		23,174		25,209		25,005		
	8									

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

(in thousands)

	Three months ended					Nine mor	nths ended		
		February 29, 2012		February 28, 2011		February 29, 2012		oruary 28, 2011	
		(unau	dited)			(unau	dited)	_	
Net Sales by Product Category									
Vascular Peripheral Vascular Access	\$	22,852 15,062	\$ \$	21,856 16,477	\$	66,899 45,863	\$	64,561 47,206	
Total Vascular Oncology/Surgery		37,914 13,653	-	38,333 16,315		112,762 51,335		111,767 47,760	
Total	\$	51,567	\$	54,648	\$	164,097	\$	159,527	
Net Sales by Geography United States International Total	\$ 	43,629 7,938 51,567	\$	48,338 6,310 54,648	\$	140,587 23,510 164,097	\$	140,513 19,014 159,527	

ANGIODYNAMICS, INC. AND SUBSIDIARIES CONSOLIDATED BALANCE SHEETS

(in thousands)

Assets	February 29, 2012 (unaudited)		May 31, 2011 (unaudited)	
Current Assets				
Cash and cash equivalents	\$	34,047	\$	45,984
Marketable securities		108,980		85,558
Total cash and investments		143,027		131,542
Receivables, net		26,723		27,141
Inventories, net		28,158		28,126
Deferred income taxes		3,788		2,821
Prepaid income taxes		1,495		503
Prepaid expenses and other		7,858		4,172
Total current assets		211,049		194,305
Property, plant and equipment, net		23,148		23,804
Intangible assets, net		41,530		48,037
Goodwill		161,951		161,951
Deferred income taxes		5,164		5,835
Other non-current assets		3,765		3,489
Total Assets	\$	446,607	\$	437,421
Liabilities and Stockholders' Equity				
Current portion of long-term debt	\$	295	\$	275
Other current liabilities		28,899		25,232
Long-term debt, net of current portion		6,050		6,275
Total Liabilities		35,244		31,782
Stockholders' equity		411,363		405,639
Total Liabilities and Stockholders' Equity	\$	446,607	\$	437,421
Shares outstanding		25,195		24,986

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

	Nine mor	nths ended
	February 29, 2012	February 28, 2011
	(unaudited)	(unaudited)
Cash flows from operating activities:		
Net income	\$ 1,934	\$ 8,978
Depreciation and amortization	9,461	9,112
Tax effect of exercise of stock options	(237)	(97)
Deferred income taxes	(247)	2,437
Stock-based compensation	2,998	3,402
Other	323	(92)
Changes in operating assets and liabilities		
Receivables	372	1,440
Inventories	(277)	
Accounts payable and accrued liabilities	3,457	(5,633)
Other	(5,282)	
Net cash provided by operating activities	12,502	21,973
Cash flows from investing activities:		
Additions to property, plant and equipment	(1,879)	(1,972)
Acquisition of intangible and other assets	(500)	(1,084)
Proceeds from sales of intangible and other assets	1,000	-
Purchases, sales and maturities of marketable securities, net	(24,061)	(44,282)
Net cash provided by (used in) investing activities	(25,440)	(47,338)
Cash flows from financing activities:		
Repayment of long-term debt	(205)	(195)
Proceeds from exercise of stock options and ESPP	3,312	2,012
Repurchase and retirement of shares	(2,104)	-
Net cash provided by financing activities	1,003	1,817
Effect of exchange rate changes on cash	(2)	42
Decrease in cash and cash equivalents	(11,937)	(23,506)
Cash and cash equivalents		
Beginning of period	45,984	58,763
End of period	\$ 34,047	\$ 35,257