

**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): **March 6, 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)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2 (b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4 (c))
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Item 7.01 – Regulation FD Disclosure.

On March 6, 2008, the Company issued a press release, a copy of which is attached as Exhibit 99.1, announcing its preliminary net sales for its fiscal third quarter ended February 29, 2008 and revised its previously disclosed guidance with respect to expected fourth fiscal quarter and full year fiscal 2008 sales. The Company expects to release financial results for the fiscal third quarter after the close of the financial markets on April 2, 2008 and will host a conference call in the same afternoon.

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 November 30, 2007, 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, 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. 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. The Company does not assume any obligation to publicly update or revise any forward-looking statements at any time for any reason.

Item 9.01 – Financial Statements and Exhibits.

(d) Exhibits.

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press Release dated March 6, 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: March 6, 2008

By: /s/ Joseph Gersuk
Joseph Gersuk
Chief Financial Officer

EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press Release dated March 6, 2008.

ANGIODYNAMICS®

INCORPORATED

FOR IMMEDIATE RELEASE

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AngioDynamics Provides Preliminary Third Quarter Sales Results

Updates Fiscal 2008 Sales Guidance

QUEENSBURY, N.Y. March 6, 2008—AngioDynamics (NASDAQ: ANGO), a leading provider of innovative medical devices used by interventional radiologists, nephrologists, and surgeons for the minimally invasive treatment of cancer and peripheral vascular disease, announced today that it expects fiscal third quarter 2008 net sales to grow approximately 14% from the year ago period to approximately \$40.7 million. The fiscal third quarter sales increase would represent the largest quarterly year over year sales increase in fiscal 2008.

“While our oncology product line generated substantial growth of 26% during the fiscal third quarter, the 10% growth rate in sales of our interventional product lines was less than expected,” said Eamonn Hobbs, President & CEO. “We saw continued healthy sales of our Smart Port™ CT product while our dialysis product sales continued to be impacted by considerable price competition. We believe that the best way to address this market dynamic is to introduce new and innovative products that compete on features and performance rather than price. We recently launched the Centros™ central venous catheter for hemodialysis and expect to begin selling the product by the end of our fiscal fourth quarter,” concluded Mr. Hobbs.

For the fiscal fourth quarter ending May 31, 2008, AngioDynamics expects net sales to be in the range of \$45 million to \$47 million. Sales for the fourth quarter of fiscal 2007 were \$40.9 million. Full fiscal year sales are expected to be in the range of \$165 million to \$167 million, as compared to the previously stated range of \$170 million to \$175 million. The above sales estimates for the fiscal fourth quarter are preliminary and may vary materially based on various factors, including timing of new products and changes in management’s assumptions and projections.

The Company plans to release financial results for the fiscal third quarter after the close of the financial markets on April 2, 2008 and will host an investment community conference call the same day.

About AngioDynamics

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

The statements made in this document contain certain forward-looking statements that involve a number of risks and uncertainties. Words such as "expects," "intends," "anticipates," "plans," "believes," "seeks," "estimates," or variations of such words and similar expressions, are intended to identify such forward-looking statements. Investors are cautioned that actual events or results may differ from the Company's expectations. 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, overall economic conditions, general market conditions, market acceptance, foreign currency exchange rate fluctuations, the effects on pricing from group purchasing organizations and competition, 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, may affect the actual results achieved by the Company. The Company does not assume any obligation to publicly update or revise any forward-looking statements for any reason.

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