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): **January 24, 2011**

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 8.01 – Other Events.

On January 24, 2011, AngioDynamics, Inc. received a warning letter, dated January 21, 2011, from the U.S. Food and Drug Administration (the "FDA") in connection with our marketing of the NanoKnife System. In the warning letter, the FDA states that certain statements made by AngioDynamics, including those on our company website, promote the use of the NanoKnife System beyond its currently cleared indications.

The warning letter does not restrict or prohibit the sale or marketing of our products. The warning letter does not require us to recall any products. The Company takes these matters seriously and is committed to complying with all applicable laws, rules and regulations in connection with the marketing and sale of its products. We are currently addressing the matters raised by the FDA in the warning letter and intend to work closely with the FDA to resolve any outstanding issues. Until the matters raised in the warning letter are corrected, we may be subject to additional regulatory action by the FDA, and any such actions could significantly disrupt our business and operations and have a material adverse impact on our financial position and results of operations. There can be no a ssurance that the FDA will be satisfied with our response. The warning letter will be posted on the FDA's website at www.fda.gov and, once posted, will be available for viewing.

On January 25, 2011, AngioDynamics issued a press release announcing receipt of the warning letter. A copy of the press release is attached hereto as Exhibit 99.1.

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 fu ture 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, 2010, 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 fr om 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 January 25, 2011.

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: January 25, 2011

By: D. Joseph Gersuk
D. Joseph Gersuk
Chief Financial Officer

EXHIBIT INDEX

Exhibit No.	Description
99.1	Press Release dated January 25, 2011.

Exhibit 99.1

FOR IMMEDIATE RELEASE

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AngioDynamics Receives FDA Warning Letter Regarding Certain NanoKnife® System Promotional Activities

ALBANY, N.Y. (January 25, 2011) —AngioDynamics (NASDAQ: ANGO) today announced the receipt of a warning letter from the U.S. Food and Drug Administration (FDA) regarding certain aspects of the Company's marketing program for its NanoKnife® System. The NanoKnife System continues to be commercially available in the United States under its 510(k) clearance for the surgical ablation of soft tissue and in certain international markets under CE Mark or other relevant approvals. The FDA letter states that certain statements made by AngioDynamics, including those on its Website, promote the use of the NanoKnife System beyond its currently cleared indications. AngioDynamics is taking actions to address the matters raised by the FDA and will work closely with the agency to resolve any outstanding issues.

"Our goal is to always comply with all regulations regarding our products," said Jan Keltjens, AngioDynamics President and CEO. "We have already begun to respond to the matters raised by the FDA and are committed to addressing them promptly. We remain committed to our strategy of working with the FDA toward expanded labeling for the NanoKnife System."

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. AngioDynamics' diverse product lines include market-leading 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 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, 2010. AngioDynamics does not assume any obligation to publicly update or revise any forward-looking statements for any reason.

Until the matters raised in the aforementioned warning letter are corrected, we may be subject to additional regulatory action by the FDA, and any such actions could significantly disrupt our business and operations and have a material adverse impact on our financial position and results of operations. There can be no assurance that the FDA will be satisfied with our response. The warning letter will be posted on the FDA's Website at www.fda.gov and, once posted, will be available for viewing.