

ICAD INC  
Form 8-K  
April 28, 2010

**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 28, 2010**

**iCAD, INC.**

(Exact name of registrant as specified in its charter)

**Delaware**

**1-9341**

**02-0377419**

(State or other jurisdiction  
of incorporation)

(Commission File Number)

(IRS Employer Identification No.)

**98 Spit Brook Road, Suite 100, Nashua, New  
Hampshire**

**03062**

(Address of principal executive offices)

(Zip Code)

Registrant's telephone number, including area code: **(603) 882-5200**

(Former name or former address, if changed since last report.)

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 2.02 Results of Operations and Financial Condition.

On April 28, 2010 iCAD, Inc. (the Company ) issued a press release announcing its financial results for the quarter ended March 31, 2010. A copy of the Company s press release is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits

Exhibit 99.1 referenced below is being furnished pursuant to Item 2.02, is not to be considered filed under the Securities Exchange Act of 1934, as amended ( Exchange Act ), and shall not be incorporated by reference into any of the Company s previous or future filings under the Securities Act of 1933, as amended, or the Exchange Act. (d) Exhibits.

| Exhibit No. | Description of Exhibit |
|-------------|------------------------|
|-------------|------------------------|

|      |  |
|------|--|
| 99.1 | Press Release of iCAD, Inc., dated April 28, 2010. |
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**SIGNATURES**

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 thereunto duly authorized.

iCAD, INC.  
(Registrant)

By: /s/ Darlene M. Deptula-Hicks  
Darlene M. Deptula-Hicks  
Executive Vice President of Finance,  
Chief Financial Officer

Date: April 28, 2010

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EXHIBIT INDEX

| Exhibit No. | Description of Document                           |
|-------------|---|
| 99.1        | Press Release of iCAD, Inc. dated April 28, 2010. |