

ARRHYTHMIA RESEARCH TECHNOLOGY INC /DE/  
Form 8-K  
May 19, 2008

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): May 15, 2008

Arrhythmia Research Technology, Inc.  
(Exact name of registrant as specified in its charter)

|  |                          |  |
|--|--------------------------|--|
| Delaware   | 1-9731                   | 72-0925679                                 |
| (State or other jurisdiction of<br>Incorporation or<br>organization) | (Commission File Number) | (I.R.S. Employer<br>Identification Number) |

25 Sawyer Passway  
Fitchburg, MA 01420  
(Address of principal executive offices and zip code)

(978) 345-5000  
(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 (see General Instruction A.2. below):

- 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 May 15, 2008, Arrhythmia Research Technology, Inc. (the "Company") announced its financial results for the three months ended March 31, 2008. The full text of the press release issued in connection with the announcement is furnished as Exhibit 99.01 to this Current Report on Form 8-K.

The information in this Form 8-K and Exhibit 99.01 attached hereto shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 (the "Exchange Act") or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as expressly set forth by specific reference in such a filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit Description

No.

99.01 Press Release dated May 15, 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, thereunto duly authorized, in the City of Fitchburg, Commonwealth of Massachusetts, on the 19th day of May, 2008.

ARRHYTHMIA RESEARCH TECHNOLOGY, INC.

By: /s/ David A. Garrison  
David A. Garrison  
Executive Vice President and  
Chief Financial Officer

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Exhibit Index

| Exhibit | Description                       |
|---------|-----------------------------------|
| 99.01   | Press Release dated May 15, 2008. |