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	
April 29, 2004 Date of Report (Date of earliest event reported)	
RITA Medical Systems, Inc. (Exact name of registrant as specified in its charter)	
Delaware	

(State or other jurisdiction of incorporation)

000-30959 (Commission File Number) 94-3199149 (I.R.S. Employer Identification No.)

967 N. Shoreline Blvd.

Mountain View, CA 94043

(Address of principal executive offices, with zip code)

(650) 314-3400

 $(Registrant \ \ s \ telephone \ number, including \ area \ code)$

Item 5. Other Events and Required FD Disclosure.

On April 29, 2004, RITA Medical Systems, Inc., a Delaware corporation (<u>RIT</u>A), announced its financial results for the first quarter ended March 31, 2004. A copy of RITA s press release discussing its results is attached as Exhibit 99.1 hereto and incorporated by reference herein.

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 hereunto duly authorized.

RITA Medical Systems, Inc.

By: /s/ Donald Stewart

Date: April 29, 2004

Donald Stewart, Chief Financial Officer and Vice President Finance and Administration

RITA MEDICAL SYSTEMS, INC.

INDEX TO EXHIBITS

Exhibit Number	Description
	
99.1	Press Release of RITA Medical Systems, Inc. dated April 29, 2004.