

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 8-A

FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES  
PURSUANT TO SECTION 12(b) OR (g) OF THE  
SECURITIES EXCHANGE ACT OF 1934

Rockwell Medical Technologies, Inc.

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(Exact Name of Registrant as Specified in Its Charter)

Michigan

38-3317208

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(State of incorporation or organization)

(I.R.S. Employer  
Identification No.)

28025 Oakland Oaks Drive, Wixom, Michigan

48393

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(Address of principal executive offices)

(Zip Code)

If this Form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), please check the following box. [ ]

If this Form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), please check the following box. [x]

Securities to be registered pursuant to Section 12(b) of the Act:

None

Securities to be Registered Pursuant to Section 12(g) of the Act:

Common Shares, no par value per share

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(Title of Class)

Redeemable Common Share Purchase Warrants to purchase one Common Share for \$4.50, exercisable at a time commencing on January 26, 1999 and ending January 26, 2002.

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(Title of Class)

Item 1. Description of Registrant's Securities to be Registered

See "Description of Securities" in Registrant's Registration Statement on Form SB-2 (File No. 333-31991) which is hereby incorporated by reference.

Item 2. Exhibits

- A. Registrant's Registration Statement on Form SB-2 (File No. 333-31991) (the "Registrant's Registration Statement"), incorporated by reference.
- B. Specimen copy of a certificate for the Registrant's Common Shares, no par value, incorporated by reference to Exhibit 4.3 of Registrant's Registration Statement.
- C. Specimen copy of a certificate for the Registrant's Common Purchase Warrants Certificate, incorporated by reference to Exhibit 4.4 of Registrant's Registration Statement.
- D. Amended and Corrected Articles of Incorporation of the Registrant, incorporated by reference to Exhibits 3(i).1, 3(i).2, 3(i).3 and 3(i).4, respectively, of Registrant's Registration Statement.
- E. Registrant's By-Laws, incorporated by reference to Exhibit 3(ii) of Registrant's Registration Statement.
- F. Form of Warrant Agreement, incorporated by reference to Exhibit 4.1 of Registrant's Registration Statement.
- G. Registration Rights Agreement among Registrant and the holders of the Bridge Warrants, incorporated by reference to Exhibit 4.6 of Registrant's Registration Statement.
- H. Form of Lock-up Agreement, incorporated by reference to Exhibit 4.7 of Registrant's Registration Statement.

SIGNATURE

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the Registrant has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized.

ROCKWELL MEDICAL TECHNOLOGIES, INC.  
(Registrant)

By: /s/ Robert L. Chioini

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Robert L. Chioini  
Its: President and Chief  
Executive Officer

Dated: January 23, 1998