

Gupta Ajay
Form 3
June 19, 2009

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting
Person *

Â Gupta Ajay

(Last) (First) (Middle)

12804 HERITAGE PLACE

(Street)

CERRITOS,Â CAÂ 90703

(City) (State) (Zip)

2. Date of Event Requiring
Statement

(Month/Day/Year)
06/18/2009

3. Issuer Name **and** Ticker or Trading Symbol

ROCKWELL MEDICAL TECHNOLOGIES INC
[RMTI]

4. Relationship of Reporting
Person(s) to Issuer

(Check all applicable)

____ Director ____ 10% Owner
__X__ Officer ____ Other
(give title below) (specify below)
Chief Scientific Officer

5. If Amendment, Date Original
Filed(Month/Day/Year)

6. Individual or Joint/Group

Filing(Check Applicable Line)
__X__ Form filed by One Reporting
Person
____ Form filed by More than One
Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security
(Instr. 4)

common stock

2. Amount of Securities
Beneficially Owned
(Instr. 4)

5,215

3. Ownership
Form:
Direct (D)
or Indirect
(I)
(Instr. 5)

D

4. Nature of Indirect Beneficial
Ownership
(Instr. 5)

Â

Reminder: Report on a separate line for each class of securities beneficially
owned directly or indirectly.

SEC 1473 (7-02)

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information contained in this form are not
required to respond unless the form displays a
currently valid OMB control number.**

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security
(Instr. 4)

2. Date Exercisable and
Expiration Date
(Month/Day/Year)

Date Expiration
Exercisable Date

3. Title and Amount of
Securities Underlying
Derivative Security
(Instr. 4)

Title Amount or
Number of

4. Conversion
or Exercise
Price of
Derivative
Security

5. Ownership
Form of
Derivative
Security:
Direct (D)
or Indirect

6. Nature of Indirect
Beneficial Ownership
(Instr. 5)

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Shares

(I)
(Instr. 5)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Gupta Ajay 12804 HERITAGE PLACE CERRITOS, CA 90703	Â	Â	Â Chief Scientific Officer	Â

Signatures

/s/Thomas E. Klema, attorney-in-fact for Ajay
Gupta

06/19/2009

__Signature of Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 5(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.

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