

PSYCHEMEDICS CORP  
Form 4  
May 13, 2008

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN 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 \*  
**THISTLE WILLIAM R**

(Last) (First) (Middle)

**C/O PSYCHEMEDICS CORPORATION, 125 NAGOG PARK**

(Street)

**ACTON, MA 01720**

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**PSYCHEMEDICS CORP [PMD]**

3. Date of Earliest Transaction  
(Month/Day/Year)  
**05/09/2008**

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_ Director \_\_\_ 10% Owner  
 Officer (give title below) \_\_\_ Other (specify below)  
**Sr. VP and Gen. Counsel**

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
\_\_\_ Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock, \$.005 Par Value	05/09/2008		M	957	A \$ 13.68	11,561	D
Common Stock, \$.005 Par Value	05/09/2008		F	57	D \$ 16.85	11,504	D
Common Stock, \$.005 Par	05/09/2008		S	900	D \$ 17	10,604	D

Value

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

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(9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price or Value of Underlying Securities (Instr. 3 and 4)
Stock Option (Right to Buy)	\$ 13.68	05/09/2008		M	957	(1) 05/09/2012	Common Stock, \$.005 Par Value	957

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
THISTLE WILLIAM R C/O PSYCHEMEDICS CORPORATION 125 NAGOG PARK ACTON, MA 01720			Sr. VP and Gen. Counsel	

## Signatures

Patrick J. Kinney, Jr. as attorney-in-fact for William R. Thistle  
 \*\*Signature of Reporting Person  
 05/13/2008  
 Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 4(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).
- (1)

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Option became exercisable with respect to 25% of the shares on May 9, 2003 and with respect to an additional 25% on each of the next three anniversary dates thereafter.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.