

Sennewald Gerhard W  
 Form 4  
 May 21, 2007

**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 \*  
 Sennewald Gerhard W

2. Issuer Name and Ticker or Trading Symbol  
 BSD MEDICAL CORP [bsm]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
 05/18/2007

Director  10% Owner  
 Officer (give title below)  Other (specify below)

VIA DEL PANTHEON 45/7A

(Street)

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

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

ROME, L6 00186

(City) (State) (Zip)

**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)	
			Code	V	Amount			
Common Stock	05/18/2007	05/21/2007	M		10,000	A	0.39 \$ (1)	D
Common Stock	05/18/2007	05/21/2007	M		5,000	A	1.11 \$ (2)	D
Common Stock	05/18/2007	05/21/2007	M		15,000	A	0.66 \$ (3)	D
Common Stock	05/18/2007	05/21/2007	M		15,000	A	0.56 \$ (4)	D

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Common Stock	05/18/2007	05/21/2007	M	15,000	A	\$ <u>(5)</u> 0.64	6,692,851	D
Common Stock	05/18/2007	05/21/2007	M	10,000	A	\$ <u>(6)</u> 1.2	6,702,851	D
Common Stock	05/18/2007	05/21/2007	M	5,000	A	\$ <u>(7)</u> 2.44	6,707,851	D

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)	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Option to purchase common stock	\$ 0.39 <u>(8)</u>	05/18/2007	05/21/2007	M	10,000	09/01/2004	01/01/2009	Common Stock	10,000
Option to purchase common stock	\$ 1.11 <u>(14)</u>	05/18/2007	05/21/2007	M	5,000	09/01/2005	09/01/2010	Common Stock	5,000
Option to purchase common stock	\$ 0.66 <u>(9)</u>	05/18/2007	05/21/2007	M	15,000	09/01/2002	01/01/2009	Common Stock	15,000
Option to purchase common stock	\$ 0.56 <u>(10)</u>	05/18/2007	05/21/2007	M	15,000	09/01/2002	09/01/2012	Common Stock	15,000
Options to	\$ 0.64 <u>(11)</u>	05/18/2007	05/21/2007	M	15,000	09/01/2004	09/01/2014	Common Stock	15,000



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