

BSD MEDICAL CORP  
Form 8-K  
January 23, 2008  
**UNITED STATES  
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**

Date of Report (Date of earliest event reported) **January 22, 2008**

**BSD MEDICAL CORPORATION**  
(Exact name of registrant as specified in its charter)

**Delaware**                      **0-10783**              **75-1590407**  
(State or other jurisdiction) (Commission (IRS Employer  
of incorporation)              File Number) Identification No.)  
**2188 West 2200 South**

**Salt Lake City, Utah 84119**  
(Address of principal executive offices, including Zip Code)

Registrant's telephone number, including area code: **(801) 972-5555**

**N/A**  
(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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**Item 7.01 Regulation FD Disclosure.**

BSD Medical Corporation issued a press release on January 23, 2008. A copy of the press release is hereby furnished as Exhibit 99.1 attached hereto.

**Item 9.01. Financial Statements and Exhibits.**

(d) Exhibits

99.1 Press Release of BSD Medical Corporation dated January 23, 2008

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**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.

BSD Medical Corporation

Dated: January 22, 2008

By: /s/ Hyrum A. Mead  
Hyrum A. Mead  
President

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**EXHIBIT INDEX**

Exhibit

Number Description

99.1 Press Release of BSD Medical Corporation dated January 23, 2008.