

BSD MEDICAL CORP  
Form 8-K  
May 31, 2006

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**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) May 31, 2006**

**BSD MEDICAL CORPORATION**

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

**Delaware**  
*(State or other jurisdiction  
of incorporation)*

**0-10783**  
*(Commission  
File Number)*

**75-1590407**  
*(IRS Employer  
Identification)*

**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 May 31, 2006. 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 May 31, 2006

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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.

Dated: May 31, 2006

By: /s/ Hyrum A. Mead

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President

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**EXHIBIT INDEX**

<b>Exhibit No.</b>	<b>Description</b>
99.1	Press Release of BSD Medical Corporation dated May 31, 2006