

HEMOSENSE INC  
Form 3/A  
June 28, 2005

**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 * |         | 2. Date of Event Requiring Statement | 3. Issuer Name <b>and</b> Ticker or Trading Symbol |  |
| Â Ayers Gregory M                         |         | (Month/Day/Year)                     | HEMOSENSE INC [HEM]                                |  |
| (Last)                                    | (First) | (Middle)                             | 4. Relationship of Reporting Person(s) to Issuer   | 5. If Amendment, Date Original Filed(Month/Day/Year)                   |
|   |         | 06/28/2005                           |  | 06/13/2005   |
| C/O HEMOSENSE,Â 651 RIVER OAKS PARKWAY    |         |                                      | (Check all applicable)                             |  |
| (Street)                                  |         |                                      | <input checked="" type="checkbox"/> Director       | <input type="checkbox"/> 10% Owner                                     |
| SAN JOSE,Â CAÂ 95134                      |         |                                      | <input type="checkbox"/> Officer                   | <input type="checkbox"/> Other   |
| (City)                                    | (State) | (Zip)                                | (give title below)                                 | (specify below)  |
|   |         |                                      |  | 6. Individual or Joint/Group Filing(Check Applicable Line)             |
|   |         |                                      |  | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
|   |         |                                      |  | <input type="checkbox"/> Form filed by More than One Reporting Person  |

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| Common Stock                    | 28,784 <sup>(1)</sup>                                 | I <sup>(2)</sup>   | By IMed-Pro   |

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

SEC 1473 (7-02)

**Persons who respond to the collection of 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) | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security: Direct (D) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|---|--|--|---|
|  |  | Title   |  |  |   |

|                     |                    |                                  |                                  |
|---------------------|--------------------|----------------------------------|----------------------------------|
| Date<br>Exercisable | Expiration<br>Date | Amount or<br>Number of<br>Shares | or Indirect<br>(I)<br>(Instr. 5) |
|---------------------|--------------------|----------------------------------|----------------------------------|

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |         |       |
|--|---------------|-----------|---------|-------|
|  | Director      | 10% Owner | Officer | Other |
| Ayers Gregory M<br>C/O HEMOSENSE<br>651 RIVER OAKS PARKWAY<br>SAN JOSE, CA 95134 | X             | ^         | ^       | ^     |

## Signatures

/s/ Gregory M.                      06/28/2005  
Ayers

\_\_Signature of                      Date  
Reporting Person

## 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).  
 This report is being amended (i) to change the Date of Event Requiring Statement to June 28, 2005, the effective date of the issuer's Registration Statement on Form S-1 (the "Effective Date") and (ii) to include shares of common stock issued to Innovative Medical Product Consultants pursuant to warrant exercises which occurred after the filing of Dr. Ayers's original Form 3 but before the Effective Date.
  - (1) Product Consultants pursuant to warrant exercises which occurred after the filing of Dr. Ayers's original Form 3 but before the Effective Date.
  - (2) Dr. Ayers is a partner of Innovative Medical Product Consultants, GmbH. Dr. Ayers disclaims beneficial ownership of the reported securities except to the extent of his pecuniary interest therein.

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.