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4 CITIZENSHIP OR PLACE OF ORGANIZATION  
WISCONSIN, U.S.A.  
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5 SOLE VOTING POWER  
NUMBER OF 953,800  
SHARES  
-----  
6 SHARED VOTING POWER  
BENEFICIALLY OWNED BY None  
EACH  
-----  
7 SOLE DISPOSITIVE POWER  
REPORTING 1,012,000  
PERSON  
-----  
8 SHARED DISPOSITIVE POWER  
WITH None  
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9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
1,012,000  
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10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\*  
[ ]  
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11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  
13.0%  
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12 TYPE OF REPORTING PERSON\*  
IA  
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- Item 1.  
(a) Name of Issuer: ICU Medical, Inc.  
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(b) Address of Issuer's Principal Executive Offices:  
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951 Calle Amanecer  
San Clemente, CA 92673
- Item 2.  
(a) Name of Person Filing: Heartland Advisors, Inc.  
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(b) Address of Principal Business Office:  
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Heartland Advisors, Inc.  
790 North Milwaukee Street  
Milwaukee, WI 53202  
(c) Citizenship: Heartland Advisors is a Wisconsin corporation.  
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(d) Title of Class of Securities: Common Stock  
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(e) CUSIP Number: 44930G107  
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Item 3. If this statement is filed pursuant to Rule 13d-1(b),  
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or 13d-2(b), check whether the person filing is a:  
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- (a) \_\_\_\_\_ Broker or Dealer registered under Section 15 of the Act.
- (b) \_\_\_\_\_ Bank as defined in Section 3(a)(6) of the Act.
- (c) \_\_\_\_\_ Insurance company as defined in Section 3(a)(19) of the Act.
- (d) \_\_\_\_\_ Investment company registered under Section 8 of the Investment Company Act of 1940.
- (e)  Investment adviser registered under Section 203 of \_\_\_\_\_ the Investment Advisers Act of 1940.
- (f) \_\_\_\_\_ Employee Benefit Plan, Pension Fund which is subject to the provisions of the Employee Retirement Income Security Act of 1974 or Endowment Fund; see Sec 240.13d-1(b)(1)(ii)(F).
- (g) \_\_\_\_\_ Parent Holding Company, in accordance with Sec 240.13d-1(b)(ii)(G) (Note: See Item 1).
- (h) \_\_\_\_\_ Group, in accordance with Sec 240.13d-1(b)(1)(ii)(H).

Item 4. Ownership.  
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(a) Amount beneficially owned:  
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1,012,000 shares may be deemed beneficially owned within the meaning of Rule 13d-3 of the Securities Exchange Act of 1934 by Heartland Advisors, Inc.

(b) Percent of Class:  
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13.0%

(c) For information on voting and dispositive power with respect to the above listed shares, see Items 5-8 of the Cover Page.

Item 5. Ownership of Five Percent or Less of a Class.  
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If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: [ ]

Item 6. Ownership of more than Five Percent on Behalf of Another Person.  
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The shares of common stock to which this Schedule relates are held in investment advisory accounts of Heartland Advisors, Inc. As a result, various persons have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the securities. The interests of one such account, Heartland Small Cap Contrarian Fund, a series of Heartland Group, Inc., a registered investment company, relates to more than 5% of the class.

Item 7. Identification and Classification of the Subsidiary Which Acquired the  
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Security Being Reported on By the Parent Holding Company.  
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Not Applicable.

Item 8. Identification and Classification of Members of the Group.  
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Not Applicable.

Item 9. Notice of Dissolution of Group.  
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Not Applicable.

Item 10. Certification.  
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By signing below, I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purposes or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

DATE: January 29, 1998

HEARTLAND ADVISORS, INC.

By: PATRICK J. RETZER  
Patrick J. Retzer  
Senior Vice President/Treasurer