

**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): August 14, 2023**

**SeaStar Medical Holding Corporation**

(Exact name of Registrant as Specified in Its Charter)

**Delaware**  
(State or Other Jurisdiction  
of Incorporation)

**001-39927**  
(Commission File  
Number)

**85-3681132**  
(IRS Employer  
Identification No.)

**3513 Brighton Blvd,  
Suite 410  
Denver, Colorado**  
(Address of Principal Executive Offices)

**80216**  
(Zip Code)

**Registrant's Telephone Number, Including Area Code: 844 427-8100**

(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))

**Securities registered pursuant to Section 12(b) of the Act:**

<b>Title of each class</b>	<b>Trading Symbol(s)</b>	<b>Name of each exchange on which registered</b>
Common Stock par value \$0.0001 per share	ICU	The Nasdaq Stock Market LLC
Warrants, each whole warrant exercisable for one share of Common Stock for \$11.50 per share	ICUCW	The Nasdaq Stock Market LLC

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§ 230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§ 240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

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## Item 2.02 Results of Operations and Financial Condition.

On August 14, 2023, SeaStar Medical Holding Corporation (the “Company” ) issued a press release announcing its financial condition and results of operations for the fiscal quarter ended June 30, 2023. A copy of the press release is furnished as Exhibit 99.1.

The information in this Current Report on Form 8-K, including the information contained in the press release furnished as Exhibit 99.1, is deemed to be “furnished” and not “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “Exchange Act” ), is not otherwise subject to the liabilities of that Section, and shall not be deemed incorporated by reference into any filing under the Exchange Act or the Securities Act of 1933, as amended, regardless of any general incorporation language in such filing.

## Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

<b>Exhibit No.</b>	<b>Description</b>
99.1	<a href="#">Press Release dated August 14, 2023.</a>
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

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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.

SeaStar Medical Holding Corporation

By: /s/ Eric Schlorff

Name: Eric Schlorff

Title: Chief Executive Officer

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Date: August 14, 2023