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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM 8-A**

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**FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES  
PURSUANT TO SECTION 12(b) OR (g) OF  
THE SECURITIES EXCHANGE ACT OF 1934**

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**SOTERA HEALTH COMPANY**

(Exact name of registrant as specified in its charter)

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

**47-3531161**  
(I.R.S. Employer Identification No.)

**9100 South Hills Blvd, Suite 300**  
**Broadview Heights, Ohio**  
(Address of principal executive offices)

**44147**  
(Zip Code)

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

Title of each class  
to be so registered  
**Common Stock, \$0.01 par value per share**

Name of each exchange on which  
each class is to be registered  
**The Nasdaq Stock Market LLC**

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If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c) or (e), check the following box.

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d) or (e), check the following box.

If this form relates to the registration of a class of securities concurrently with a Regulation A offering, check the following box.

**Securities Act registration statement file number to which this form relates: 333-249648**

**Securities to be registered pursuant to Section 12(g) of the Act: None**

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## **INFORMATION REQUIRED IN REGISTRATION STATEMENT**

### **Item 1. Description of Registrant's Securities to be Registered**

The description of the common stock to be registered hereunder, par value \$0.01 per share (the "Common Stock"), of Sotera Health Company, a Delaware corporation (the "Registrant"), as included under the caption "Description of Capital Stock" in the prospectus forming a part of the Registration Statement on Form S-1, as amended, originally filed with the Securities and Exchange Commission (the "Commission") on October 23, 2020 (Registration No. 333-249648), including exhibits, and as may be subsequently amended from time to time (the "Registration Statement"), is hereby incorporated by reference. In addition, the above-referenced description included in any prospectus relating to the Registration Statement filed with the Commission pursuant to Rule 424(b) under the Securities Act of 1933, as amended, shall be deemed to be incorporated by reference herein.

### **Item 2. Exhibits**

Under "Instructions as to Exhibits" with respect to Form 8-A, no exhibits are required to be filed because no other securities of the Registrant are registered on the Nasdaq Stock Market LLC and the securities registered hereby are not being registered pursuant to Section 12(g) of the Securities Exchange Act of 1934, as amended.

**SIGNATURE**

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the Registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

Date: November 19, 2020

SOTERA HEALTH COMPANY

By: /s/ Michael B. Petras, Jr.

Name: Michael B. Petras, Jr.

Title: Chairman and Chief Executive Officer