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

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**SCHEDULE 13D/A**  
(Rule 13d-101)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT  
TO RULE 13d-1(a) AND AMENDMENTS THERETO FILED  
PURSUANT TO RULE 13d-2(a)  
Under the Securities Exchange Act of 1934  
(Amendment No. 2)

**Vital Therapies, Inc.**  
(Name of issuer)

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Common Stock, par value \$0.0001  
(Title of class of securities)

92847R104  
(CUSIP number)

Muneer A. Satter  
c/o Satter Management Co., L.P.  
676 N. Michigan Avenue, Suite 4000, Chicago, IL 60611  
(312) 448-5500

*COPY TO:*

Robert M. Hayward, P.C.  
Kirkland & Ellis LLP  
300 N. LaSalle St.  
Chicago, Illinois 60654  
(312) 862-2000

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

September 13, 2018  
(Date of Event which Requires Filing of this Statement)

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If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(e), 13d-1(f) or 13d-1(g), check the following box.

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**Note:** Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7 for other parties to whom copies are to be sent.

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\* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).



## SCHEDULE 13D

CUSIP No. 92847R104

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**Explanatory Note:** The Schedule 13D originally filed by the Reporting Person with the Securities and Exchange Commission ("SEC") on April 4, 2017, and as amended by Amendment No. 1 to Schedule 13D filed with the SEC on June 8, 2018 (collectively, "Prior Filings"), is hereby amended by this Amendment No. 2 to Schedule 13D ("Amendment"). Capitalized terms used herein and not otherwise defined have the meanings assigned to such terms in the Prior Filings.

(1)	Names of reporting persons Muneer A. Satter	
(2)	Check the appropriate box if a member of a group (see instructions) (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
(3)	SEC use only	
(4)	Source of funds (see instructions) PF; OO	
(5)	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) <input type="checkbox"/>	
(6)	Citizenship or place of organization United States of America	
Number of shares beneficially owned by each reporting person with:	(7)	Sole voting power 215,442 shares (see Item 5(a))
	(8)	Shared voting power 0 shares
	(9)	Sole dispositive power 215,442 shares (see Item 5(a))
	(10)	Shared dispositive power 0 shares
(11)	Aggregate amount beneficially owned by each reporting person 215,442 shares (see Item 5(a))	
(12)	Check if the aggregate amount in Row (11) excludes certain shares (see instructions) <input type="checkbox"/>	
(13)	Percent of class represented by amount in Row (11) 0.51%	
(14)	Type of reporting person (see instructions) IN	

**Item 3. Source and Amount of Funds.**

*Item 3 of the Prior Filings is amended by adding the following paragraph:*

Between September 13, 2018 and September 17, 2018, the Reporting Person sold an aggregate of 11,382,277 shares of Common Stock at a weighted average price of \$0.3642. These shares were sold in multiple transactions at prices ranging from \$0.24 to \$0.598.

**Item 4. Purpose of the Transaction.**

*Item 4 of the Prior Filings is hereby amended by adding the following paragraph:*

On September 12, 2018, the Company announced that the topline results of its VTL-308 clinical study failed to achieve primary and secondary endpoints of improvement in survival, and, as a result, the Company announced that it will cease any further development of the ELAD System and explore strategic options. As such, the Reporting Person decided to sell all of the Common Stock he beneficially owned (other than shares underlying warrants and stock options) pursuant to transactions under the Company's effective registration statement on Form S-3 and in transactions exempt from the registration requirements of the Securities Act of 1933. The Reporting Person ceased to beneficially own more than five percent of the Common Stock outstanding on September 17, 2018.

**Item 5. Interest in Securities of the Issuer.**

*Paragraph (a) of Item 5 of the Prior Filings is hereby deleted and replaced as follows to reflect a decrease in the Reporting Person's beneficial ownership of Common Stock:*

(a) *Amount beneficially owned as of the date hereof:*

The Reporting Person beneficially owns an aggregate of 215,442 shares of Common Stock. The shares of Common Stock beneficially owned by the Reporting Person include (a) warrants to acquire 60,639 shares of Common Stock that are held by the Muneer A. Satter Revocable Trust for which the Reporting Person serves as trustee and, in such capacity, has the sole power to exercise such warrants and sole voting and dispositive power over all shares underlying such warrants; (b) warrants to acquire 61,533 shares of Common Stock that are held by various trusts and other entities for which the Reporting Person serves as trustee, investment advisor or manager, and in such capacity, has the sole power to exercise such warrants and sole voting and dispositive power over all shares underlying such warrants; and (c) stock options to purchase 93,270 shares of Common Stock held by the Reporting Person. The Reporting Person also holds stock options to purchase 29,538 shares of Common Stock, which vest on the earlier of May 23, 2019 and the date immediately prior to the Issuer's 2019 annual meeting of stockholders.

*Percent of class:*

In the aggregate, the Reporting Persons beneficially own 215,442 shares of Common Stock, or 0.51% of the total number of shares of Common Stock outstanding. The Reporting Person ceased to be the beneficial owner of more than five percent of the Common Stock outstanding on September 17, 2018.

All percentages calculated in this Schedule 13D are based upon 42,369,394 shares outstanding as of July 31, 2018, as disclosed in the Company's Quarterly Report on Form 10-Q filed with the SEC on August 7, 2018.

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**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: September 18, 2018

By: /s/ Muneer A. Satter  
Muneer A. Satter