FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D.C.	20549
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

**OMB APPROVAL** 3235-0287 Estimated average burden hours per response: 0.5

See Footnotes(2)(4)

 $Footnotes^{(3)(4)}$ 

11. Nature of Indirect Beneficial Ownership (Instr. 4)

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

				or S	ection 3	30(h) o	f thè Í	nves	stmeı	nt Con	npany Ac	t of 1	L940							
ı		Reporting Person*  IANAGEME	<u>NT, L.P.</u>			ame <b>an</b> phari									. Relations Check all a X Dir		e)		s) to Iss	
(Last) 200 BEF	(Fii	rst) (M	Middle)		ate of E		Trans	sacti	ion (N	Month/I	Day/Year	r)			Off	icer (giv low)		C	Other (spelow)	
(Street) BOSTON MA 02116					4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Individual or Joint/Group Filing (Check Applicable Line)  Form filed by One Reporting Person  X Form filed by More than One Reporting Person							
(City)	(St	ate) (Z	Zip)																	
		Table	I - Non-Deriva	_			_	luii	red,											
Date			2. Transaction Date (Month/Day/Year	Exe ) if an	2A. Deemed Execution Date if any (Month/Day/Ye		Code		nsaction de (Instr.		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and				Beneficially Owned Follow				rect Indired Benefi (I) Owner	
							Code	e \	v	Amou	nt	(A) (D)	or	Price	Reported Transacti (Instr. 3 a	on(s)	(Instr. 4)		(Instr.	4)
Common	Stock		12/09/2022				A			11,62	27,907	A		\$4.3(1)	20,923	,554 <sup>(2)</sup>	I		See Footr	otes <sup>(2)(</sup>
Common	Stock														1,825	,326	I		See Footr	otes <sup>(3)(</sup>
		Tal	ole II - Derivati (e.g., pu													ed				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		Expiration (Month/I		Exercisable and tion Date //Day/Year)		9 U	7. Title and Amount of Securities Underlying Derivative Security (Instr 3 and 4)		8. Price of Derivative Security (Instr. 5)	e deriv Secu Bene Own Follo Repo	owing orted saction(s)	Forn Direc or In (I) (Ir	nership m: ect (D) ndirect nstr. 4)	11. Natu of Indire Benefic Owners (Instr. 4
				Code	v	(A)	(D)	Da Ex	ate cercis		Expiratio Date		Γitle	Amount or Number of Shares						
ı		Reporting Person*  ANAGEME	<u>NT, L.P.</u>																	
(Last) 200 BER		(First) ΓREET, 18TH F	(Middle)																	
(Street)	N	MA	02116																	
(City)		(State)	(Zip)																	
ı		Reporting Person*  thcare Fund 1	<u>LP</u>																	
(Last) 200 BEF		(First) ΓREET, 18TH F	(Middle)																	
(Street)	N	MA	02116																	
(City)		(State)	(Zip)																	
ı	nd Address of nsky Pete	Reporting Person*																		

(Middle)

(Last)

(First) C/O RA CAPITAL MANAGEMENT, L.P.

200 BERKEL	EY STREET, 18T	H FLOOR						
(Street)								
BOSTON	MA	02116						
(City)	(State)	(Zip)						
Name and Address of Reporting Person*								
Shah Rajeev M.								
(Last)	(First)	(Middle)						
C/O RA CAPITAL MANAGEMENT, L.P.								
200 BERKELEY STREET, 18TH FLOOR								
(Street)								
BOSTON	MA	02116						
(City)	(State)	(Zip)						

## **Explanation of Responses:**

- 1. Acquired from the Issuer pursuant to the Securities Purchase Agreement dated December 7, 2022.
- 2. Held directly by RA Capital Healthcare Fund, L.P. (the "Fund").
- 3. Held directly RA Capital Nexus Fund, L.P. (the "Nexus Fund").
- 4. RA Capital Management, L.P. (the "Adviser") is the investment manager for the Fund and the Nexus Fund. The general partner of the Adviser is RA Capital Management GP, LLC (the "Adviser GP"), of which Dr. Peter Kolchinsky and Mr. Rajeev Shah are the managing members. The Adviser, the Adviser GP, Dr. Kolchinsky and Mr. Shah disclaim beneficial ownership of any of the reported securities, except to the extent of their pecuniary interest therein.

## Remarks:

Mr. Joshua Resnick, a Managing Director of the Adviser, serves on the Issuer's board of directors.

/s/ Peter Kolchinsky, Manager of RA Capital Management, 12/09/2022 <u>L.P.</u> /s/ Peter Kolchinsky, Manager of RA Capital Healthcare GP, LLC, the General Partner of 12/09/2022 RA Capital Healthcare Fund, <u>L.P.</u> /s/ Peter Kolchinsky, 12/09/2022 individually /s/ Rajeev Shah, individually 12/09/2022 \*\* Signature of Reporting Person

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

- $^{\star}$  If the form is filed by more than one reporting person, see Instruction 4 (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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.