FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

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

footnotes⁽²⁾⁽³⁾

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

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

						or Sec	tion 30(h) of the	è Ínv	estment	Com	pany Act	t of 1940								
1		f Reporting Person* MANAGEME					r Name a wolf T						WL]				tionship all appl Direc	licable)	-	rson(s) to Iss	
(Last)	,	First)	(Middle)			. Date 5/24/2	of Earlies 2024	t Tran	nsacti	ion (Mon	th/Da	ay/Year)						er (give title			(specify
200 BER	RKELEY S'	TREET, 18TH F	LOOR		4.	. If Am	endment,	Date	of O	riginal Fi	ed (Month/D	ay/Year)		6. Lir		idual or	Joint/Group	Filin	g (Check Ap	plicable
(Street)	N N	1A	02116													X		filed by Mor		oorting Perso an One Repo	
(City)	(5	State)	(Zip)		_ F	Rule	10b5-	-1(c	Tr (:	ransa	ctic	on Ind	licatio	า							
(2.9)			(Che the	eck this bo affirmative	x to ind defen	dicate ise co	that a tra	nsac f Rul	tion was r le 10b5-1(made pursi (c). See Ins	ant to	a cont on 10.	ract, i	instructio	on or written p	lan th	nat is intended	to satisfy
		Та	ble I - Noi	n-De	rivati	ve S	ecuritie	es A	cqu	iired, D	isp	osed	of, or B	ene	ficial	lly C	Owne	d			
1. Title of	Security (Ins	tr. 3)		Date	ansaction		2A. Deer Execution if any (Month/I	on Dat	e,	3. Transact Code (In 8)			rities Acqu ed Of (D) (I			d	5. Amo Securit Benefic Owned	ties	For (D)	Ownership m: Direct or Indirect Instr. 4)	7. Nature Indirect Benefici Ownersh
									Ī	Code	,	Amount	(A)	or	Price		Report Transa (Instr. 3	ction(s)			(Instr. 4)
			Table II -													/ Ov	vned		_		
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution D if any (Month/Day/	ate,	4.	action	5. Num of Derivat Securit Acquire (A) or Dispos of (D) (I 3, 4 and	ber ive ies ed ed lnstr.	6. D Exp	Pate Exercipation Disputible Number 1	isab	ole and	7. Title a of Secur Underlyi Derivativ (Instr. 3 a	nd Am ities ng e Sec	nount	Deri Sec	rice of ivative urity tr. 5)	9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	,	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Natur Indirect Benefici Ownersi (Instr. 4)
					Code	v	(A)	(D)	Date Exe	e ercisable	Ex _i	piration te	Title	or Nu of	nount mber ares						
Stock Option (right to buy)	\$4.88	05/24/2024			A		17,500			(1)	05/	/23/2034	Common Stock	17	,500		\$0	17,500		I	See footnotes
l .		f Reporting Person [*] MANAGEME																			
(Last) 200 BER	RKELEY S	(First) FREET, 18TH F	(Middl	le)																	
(Street)	N	MA	0211	6																	
(City)		(State)	(Zip)																		
		f Reporting Person* Ithcare Fund																			
(Last) 200 BER	RKELEY S	(First) FREET, 18TH F	(Middl	le)																	
(Street)	N	MA	0211	6																	
(City)		(State)	(Zip)																		
l .		f Reporting Person [*] us Fund II, L.																			
(Last) 200 BER	RKELEY S	(First) TREET, 18TH F	(Middi	le)																	
(Street)	N	MA	0211	6																	

(City)	(State)	(Zip)								
1. Name and Add <u>Kolchinsky</u>	ress of Reporting Personal Peter	on [*]								
(Last)	(First)	(Middle)								
C/O RA CAPITAL MANAGEMENT, L.P.										
200 BERKELEY STREET, 18TH FLOOR										
(Street)										
BOSTON	MA	02116								
(City)	(State)	(Zip)								
1. Name and Add Shah Rajeer	ress of Reporting Perso $\sqrt{\mathrm{M}_{\cdot}}$	on [*]								
(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. The option was granted on May 24, 2024. The shares underlying the option vest in full on the earlier of the first anniversary of the grant date and the next annual meeting of stockholders following the grant date, subject to Derek DiRocco's continued service as a director.
- 2. RA Capital Management, L.P. (the "Adviser") is the investment manager for RA Capital Healthcare Fund, L.P. (the "Fund") and RA Capital Nexus Fund II, L.P. (the "Nexus Fund II"). 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.
- 3. Derek DiRocco is a Partner of the Adviser, who serves on the Issuer's board of directors. Under Dr. DiRocco's arrangement with the Adviser, Dr. DiRocco holds the option for the benefit of the Fund and the Nexus Fund II. Dr. DiRocco is obligated to turn over to the Adviser any net cash or stock received upon exercise of the option, which will offset advisory fees owed by the Fund and the Nexus Fund II to the Adviser. The Reporting Persons therefore disclaim beneficial ownership of the option and underlying common stock.

Remarks:

Dr. DiRocco, a Partner of the Adviser, serves on the Issuer's board of directors.

/s/ Peter Kolchinsky, Manager 05/24/2024 of RA Capital Management, L.P. /s/ Peter Kolchinsky, Manager of RA Capital Healthcare Fund GP, LLC the General Partner of 05/24/2024 RA Capital Healthcare Fund, L.P. /s/ Peter Kolchinsky, Manager of RA Capital Nexus Fund II 05/24/2024 GP, LLC the General Partner of RA Capital Nexus Fund II, L.P. /s/ Peter Kolchinsky, 05/24/2024 individually 05/24/2024 /s/ Rajeev Shah, individually ** Signature of Reporting Person Date

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

- * 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.