

FORM 4

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

OMB APPROVAL
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or
Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person * Longworth Todd Christopher (Last) (First) (Middle) C/O NOVOCURE INC., 20 VALLEY STREAM PARKWAY, SUITE 300 (Street) MALVERN, PA 19355 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol NovoCure Ltd [NVCR]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> X Officer (give title below) <input type="checkbox"/> Other (specify below) General Counsel
3. Date of Earliest Transaction (MM/DD/YYYY) <p align="center">5/8/2019</p>		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
4. If Amendment, Date Original Filed (MM/DD/YYYY)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			

Table II - Derivative Securities Beneficially Owned (e.g. , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	6. Date Exercisable and Expiration Date		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V		Date Exercisable	Expiration Date	Title	Amount or Number of Shares					
Options to Buy Ordinary Shares	\$47.56	5/8/2019		A	V	29320		(1)	5/8/2029	Ordinary Shares	29320	\$0.00	29320	D	
Options to Buy Ordinary Shares	\$47.56	5/8/2019		A	V	20000		(2)	5/8/2029	Ordinary Shares	20000	\$0.00	20000	D	

Explanation of Responses:

- (1) Options to buy 29,320 ordinary shares will fully vest and become exercisable on May 8, 2022 if (i) the closing price of the Company's ordinary shares is at least \$59.45 for a period of at least twenty (20) consecutive trading days at any time between May 8, 2021 and May 8, 2022 and (ii) Mr. Longworth has been continuously employed by the Company through May 8, 2022.
- (2) Options to buy 20,000 ordinary shares will fully vest and become exercisable on May 8, 2022 if (i) the closing price of the Company's ordinary shares is at least \$71.34 for a period of at least twenty (20) consecutive trading days at any time between May 8, 2021 and May 8, 2022 and (ii) Mr. Longworth has been continuously employed by the Company through May 8, 2022.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Longworth Todd Christopher C/O NOVOCURE INC. 20 VALLEY STREAM PARKWAY, SUITE 300 MALVERN, PA 19355			General Counsel	

Signatures

/s/ Todd Longworth

5/10/2019

**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.

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