FORM 4

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

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL
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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 *	2. Issuer Name **and** Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
Danziger Asaf (Last) (First) (Middle) **C/O NOVOCURE INC., 20 VALLEY STREAM PARKWAY, SUITE 300** (Street) **MALVERN, PA 19355** (City) (State) (Zip)	**Novocure Ltd [NVCR]** 3. Date of Earliest Transaction (MM/DD/YYYY) **6/15/2017** 4. If Amendment, Date Original Filed (MM/DD/YYYY)	__ X __ Director _____ 10% Owner __ X __ Officer (give title below) _____ Other (specify below) **Chief Executive Officer** 6. Individual or Joint/Group Filing (Check Applicable Line) _ X _ Form filed by One Reporting Person ___ Form filed by More than One Reporting Person

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			
Ordinary Shares	**6/15/2017**		**S**		**33245**	**D**	**$15.187** (1)	**1030849**	**D**	
Ordinary Shares	**6/16/2017**		**S**		**9212**	**D**	**$15.018** (2)	**1021637**	**D**	

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	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

(1) On June 15, 2017, pursuant to a Rule 10b5-1 trading plan adopted by Mr. Danziger, Mr. Danziger sold 33,245 shares in multiple trades at prices ranging from $15.00 to $15.45. The price reported above reflects the weighted average sale price. Mr. Danziger hereby undertakes to provide to the Staff, the issuer or any security holder of the issuer, upon request, full information regarding the number of shares and prices at which the transaction was effected.

(2) On June 16, 2017, pursuant to a Rule 10b5-1 trading plan adopted by Mr. Danziger, Mr. Danziger sold 9,212 shares in multiple trades at prices ranging from $15.00 to $15.10. The price reported above reflects the weighted average sale price. Mr. Danziger hereby undertakes to provide to the Staff, the issuer or any security holder of the issuer, upon request, full information regarding the number of shares and prices at which the transaction was effected.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Danziger Asaf **C/O NOVOCURE INC.** **20 VALLEY STREAM PARKWAY, SUITE 300** **MALVERN, PA 19355**	**X**		**Chief Executive Officer**	

Signatures

By: /s/ Todd Longsworth, Attorney in fact for Asaf Danziger **6/19/2017**

** 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 control number.