Novocure Ltd Form 4 December 21, 2016

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

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Check this box if no longer subject to Section 16.

Form 4 or Form 5 obligations may continue.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Last)

(City)

300

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading Ambrogi Michael J. Symbol

Novocure Ltd [NVCR] (Middle)

(Month/Day/Year) 12/19/2016

3. Date of Earliest Transaction

C/O NOVOCURE INC... 20 VALLEY STREAM PKWY SUITE

(Street)

(State)

(Zip)

(First)

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

10% Owner Director X_ Officer (give title Other (specify below)

Chief Operating Officer

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

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

MALVERN, PA 19355

	Table 1 - Non-Derivative Securities Acquired, Disposed of, or Deficitionly Owned								y Owneu
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired (A) Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Ordinary Shares	12/19/2016		S	20,000	D	\$ 8.7589	179,084	D	
Ordinary Shares	12/20/2016		S	20,000	D	\$ 8.6238 (2)	159,084	D	

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

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number.

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Month/Day/Year) Execution Date, if Transa		TransactionNumber		Expiration Date		nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ties	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Owne
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
									Amount		
						Date	Expiration		or Name la sur		
						Exercisable	Date	Title Number			
				C 1 W	(A) (D)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Ambrogi Michael J. C/O NOVOCURE INC., 20 VALLEY STREAM PKWY SUITE 300 MALVERN, PA 19355

Chief Operating Officer

Signatures

By: /s/ Todd Longsworth, Attorney in fact for Michael J. Ambrogi

12/21/2016

**Signature of Reporting Person

Date

Explanation of Responses:

- * 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).
- On December 19, 2016, pursuant to a Rule 10b5-1 trading plan adopted by Mr. Ambrogi, Mr. Ambrogi sold 20,000 shares in multiple trades at prices ranging from \$8.55 to \$9.05. The price reported above reflects the weighted average sale price. Mr. Ambrogi 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.
- On December 20, 2016, pursuant to a Rule 10b5-1 trading plan adopted by Mr. Ambrogi, Mr. Ambrogi sold 20,000 shares in multiple trades at prices ranging from \$8.525 to \$8.80. The price reported above reflects the weighted average sale price. Mr. Ambrogi 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.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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