Novocure Ltd Form 4 March 16, 2017

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16. Form 4 or

January 31, Expires: 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

Form 5 obligations may continue. See Instruction

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).

(Print or Type Responses)

1. Name and Address of Reporting Person * Perlhagen Gert L.			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer
			Novocure Ltd [NVCR]	(Check all applicable)
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	
			(Month/Day/Year)	X Director 10% Owner
C/O NOVOCURE INC., 20			03/14/2017	Officer (give title Other (specif
VALLEY ST	ΓREAM PK	WY, SUITE		below) below)
300				
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check

MALVERN, PA 19355

6. Individual or Joint/Group Filing(Check

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned
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Filed(Month/Day/Year)

1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. 4. Securities Acquired Transaction(A) or Disposed of (D)				5. Amount of Securities	6. Ownership	7. Nature of Indirect
(Instr. 3)		any	Code	(Instr. 3, 4	and 5)		Beneficially	Form: Direct	Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned	(D) or	Ownership
							Following	Indirect (I)	(Instr. 4)
					(4)		Reported	(Instr. 4)	
					(A)		Transaction(s)		
			G 1 17		or	ъ.	(Instr. 3 and 4)		
			Code V	Amount	(D)	Price			
Ondinom						\$			
Ordinary	03/14/2017		P	125,000	A	6.93	6,125,000	D	
Shares				,		(1)	, , , , , , , , , , , , , , , , , , , ,		
						<u>`</u>			

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration D	ate	Amour	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	ies	(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)						
									A		
									Amount		
						Date	Expiration		or		
					Exercisable	e Date	Title Number				
				~					of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Perlhagen Gert L. C/O NOVOCURE INC. 20 VALLEY STREAM PKWY, SUITE 300 MALVERN, PA 19355



Signatures

/s/ Todd Longsworth Attorney in fact for Gert Lennart Perlhagen

03/16/2017

**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 March 14, 2017, Mr. Perlhagen purchased 125,000 shares in multiple trades at prices ranging from \$6.825 to \$7.05. The price reported above reflects the weighted average purchase price. Mr. Perlhagen 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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