

COHEN ABRAHAM  
Form 4/A  
April 27, 2010

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

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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, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
COHEN ABRAHAM

2. Issuer Name and Ticker or Trading Symbol  
VASOMEDICAL INC [VASO.OB]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

CHUGAI PHARMA, USA, 444  
MADISON AVENUE

3. Date of Earliest Transaction  
(Month/Day/Year)  
03/16/2010

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

(Street)

NEW YORK, NY 10122

4. If Amendment, Date Original Filed(Month/Day/Year)  
04/21/2010

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction 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)
Common Stock				(A) or (D)	1,495,754	D	
Common Stock	03/16/2010		A	60,625	A (4) 60,625	I	By Kramex Corporation (5)

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

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SEC 1474 (9-02)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction 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 (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
1999 Stock Option Plan	\$ 0.09	11/02/2006		A	150,000		(3)	11/01/2016	Common Stock	150,000
1999 Stock Option Plan	\$ 0.95	10/28/2004		A	25,000		(1)	10/27/2014	Common Stock	25,000
1999 Stock Option Plan, as amended Right to Buy	\$ 1.31	02/20/2004		A	25,000		(2)	10/29/2013	Common Stock	25,000
1999 Stock Option Plan, as amended Right to Buy	\$ 1	12/18/2002		A	15,000		(2)	12/17/2012	Common Stock	15,000
1999 Stock Option Plan, as amended Right to Buy	\$ 3.13	10/10/2001		A	15,000		(2)	10/09/2011	Common Stock	15,000
1999 Stock Option Plan, as amended Right to Buy	\$ 3.875	10/11/2000		A	15,000		(2)	10/10/2010	Common Stock	15,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
COHEN ABRAHAM CHUGAI PHARMA, USA 444 MADISON AVENUE NEW YORK, NY 10122	X			

## Signatures

/s/ Abraham E. Cohen	04/22/2010
**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).
- (1) Directors' annual fee.
- (2) Options vest in three equal annual installments.
- (3) One-third vesting immediately, one-third in one year and one-third in two years.
- (4) Director fees.
- (5) The reporting person is the sole shareholder and sole director of Kramex Corporation. Accordingly, he has dispositive powers over these shares and, as a result, may be deemed to be the beneficial owner thereof.

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.