FORM 4

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

(Print or Type Responses)

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

STATEMENT OF
CHANGES IN BENEFICIAL OWNERSHIP

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

OMB APPROVAL

OMB Number: 3235-0287
Expires: January 31, 2005
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1. Name and Address of Reporting Person*

Reuter Bruce

(Last) (First) (Middle)

6740 Top Gun Street

(Street)

San Diego CA 92121

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading Symbol

MacroPore Biosurgery, Inc.

3. I.R.S. Identification Number of Reporting Person (voluntary)

4. Statement for Month/Day/Year

January, 28 2003

5. If Amendment, Date of Original (Month/Day/Year)

6. Relationship of Reporting Person(s) to Issuer (Check all applicable)

__ Director ____ 10% Owner

X____ Officer (give title below) Sr.Vice President of International Sales

____ Other (specify below)

7. 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. 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)
			Code	V	Amount	(A) or (D)	Price			

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)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date
Employee Stock Option (Rights to Buy)	4.35	1-28-03		A		35,000		2-28-03 (1)	1-28-13

7. Title and Amount of Underlying Securities (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 Securities: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
Title	Amount or Number of Shares				
Common Stock	35,000	N/A	200,000	D	

Explanation of Responses: (1) Employee Stock Options vest 1/48th each month from the date of grant.

Bruce Reuter	01/30/03
**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 5(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.

http://www.sec.gov/divisions/corpfin/forms/form4.htm
Last update: 09/05/2002