# FORM 5

Check box if no longer
subject to Section 16. Form 4 or
Form 5 obligations may continue.
See Instruction 1(b).
Form 3 Holdings Reported
Form 4 Transactions Reported

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

### ANNUAL 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 Number: 3235-0362 Expires: January 31, 2005 Estimated average burden hours per response. . . 1.0

OMB APPROVAL

			6. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
1. Name and Address of Reporting Person	<ol> <li>Issuer Name and Ticker or Trading Symbol</li> <li>MacroPore Biosurgery, Inc.</li> </ol>		Director	10% Owner			
Reuter, Bruce           (Last)         (First)         (Middle)	'XMP' Frankfurt Stock Exchange	4. Statement for Month/Year December 31, 2002	X Officer (give title below)	Other (specify below)			
6740 Top Gun Street	3. I.R.S. Identification		Sr.Vice President of	International Sales			
(Street) San Diego, CA 92121	Number of Reporting Person, if an entity (voluntary)	5. If Amendment, Date of Original (Month/Year)	7. Individual or Joint/Group Reporting (check applicable line) X. Form Filed by One Reporting Person				
(City) (State) (Zip)			Form Filed by More than One Reporti	ng Person			

#### Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Amount of 6. Owner-5. Securities ship Form: Beneficially Nature of 4. Securities Acquired (A) or Disposed of (D) 2. Transaction 2A. Deemed Owned at the end of Issuer's Direct(D) Indirect Beneficial Execution Date, 1. Title of 3. Transaction Date or (Instr. 3, 4, and 5) Ownership Security (Month/Day/ if any Code Fiscal Year Indirect (I) (Instr. 3) Year) (Month/Day/Year) (Instr. 8) Amount (A) or (D) Price (Instr. 3 and 4) (Instr. 4) (Instr. 4)

\* If the form is filed by more than one reporting person, see instruction 4(b)(v).

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

			3A.		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)			9. Number of		
1. Title of Derivative Security (Instr. 3)	2. Conver sion or Exercise Price of Derivative Security	3. Transaction Date (Month/ Day/Year)	Deemed Execution Date, if any (Month/ Day/Year)	4. Transaction Code (Instr. 8)	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	8. Price of Derivative Security (Instr. 5)	Derivative Securities Beneficially Owned at End of Year (Instr. 4)	10.Ownership of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
Employee Stock Options (Right to Buy)	3.09	2/08/02		A	30,000		3/08/02 (1)	2/08/12	Common Stock	30,000		165,000	D	

## /s/ Bruce Reuter

\*\* Signature of Reporting Person

2/13/03 Date

\*\* 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 provided is insufficient, *see* Instruction 6 for procedure.

http://www.sec.gov/divisions/corpfin/forms/form5.htm Last update: 09/03/2002