FORM 4		UNITED STATES SECURITIES AND EXCHANGE COMMISSIO Washington, D.C. 20549							N —	OMB APPROVAL				
o Check this box if n Section 16. Form 4 or Fo continue. <i>See</i> Ins (Print or Type	orm 5 obligations may struction 1(b).		Fileo	l pursuant to : ction 17(a) of	STATEMEN S IN BENEFIC Section 16(a) of the So the Public Utility Hol 0(h) of the Investment	CIAL ecurities Iding Co	OW I s Exch	ange Act of 193 y Act of 1935 o	34, r		Expi Estir	res: Ja nated	nber: 3235-02 anuary 31, 2005 average burden h ise 0.5	
. Name and Addres	s of Reporting Person*		2.	Issuer Nan	ne and Ticker or Trad	ing Syn	nbol				6. Relationsh (Check all		Reporting Person(cable)	s) to Issuer
Hedrick	Marc			MacroPore	Biosurgery, Inc.						X Direct			10% Owner
(Last) 6740 Top Gun Str	(First) eet	(Middle)	3.		tification Number of Person (voluntary)			Statement for Month/Day/Yea January, 28 200			X Off title below Chief Scie Officer/Me	ntific	(spec	Other ify below)
	(Street)							If Amendment, Original (Month/Day/Ye		e of	(Check Ap X For	plicat m file	int/Group Filing ole Line) ed by One Reporti by More than On	
San Diego	CA	92121									Reporting			
(City)	(State)	(Zip) Table	I — N	on-Derivativ	e Securities Acquire	d, Disp	osed o	f, or Beneficial	ly O	wned				
I. Title of 2. Security (Instr. 3)	Transaction Date	Date, i	Ĵ		Transaction Code (Instr. 8)	Γ	Dispose	es Acquired (A) ed of (D) 5, 4 and 5)) or	5.	Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)		Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
	(Month/Day/Year)	(Mont	ı/Day/Y	/ear)	Code V	A	moun	t (A) or I (D)	Price	2				
. Title of Derivative	2. Conversion o	r 3. Transaction	n Date	(<i>e.g.</i> , puts, c	Securities Acquired, alls, warrants, option Deemed Execution	ns, conv	v ertibl	e securities)	5.	Numbe			. Date Exercisabl	
Security (Instr. 3)	Exercise Pric of Derivative Security		y/Year))	Date, if any (Month/Day/Year)	_	(Ins	str. 8)		Dispos	ies Acquired (A) of ed of (D) 3, 4 and 5)	or 	Date (Month/D	ay/Year)
							Co	le V		(A)	(D)		Date Exercisable	Expiratio Date
Employee Stock Option (Right to Bu	4.35 y)	1-28-03					A			25,000			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	25,000		N/A		175,000		D		
_										
_										
-										
pl	anation of Responses: (1)	Employee Stock Options vest 1/48	8th each r	nonth from the date of grant.						
		Marc H. Hed	rick, M.E).				01/30/03		
**Signature of Reporting Person								Date		
	Reminder: Report on a	separate line for each class of sec	urities be	neficially owned directly or i	indirectly.					
	* If the form i	s filed by more than one reporting	g person, s	see Instruction 5(b)(v)						
	** Intentional	misstatements or omissions of fact	ts constitu	te Federal Criminal Violatio	ons. See 18	3 U.S.C. 1001 and 15 U.S.C. 78f	f(a).			
	Note: File three co	opies of this Form, one of which n	nust be m	anually signed. If space is in	sufficient,	see Instruction 6 for procedure.				
p:, st	//www.sec.gov/divisions/co update: 09/05/2002	orpfin/forms/form4.htm								