

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Hemmelgarn Brian J.</u> <hr/> (Last) (First) (Middle) PO BOX 421 15643 CAPTIVA DRIVE <hr/> (Street) CAPTIVA FL 33924 <hr/> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 07/31/2015	3. Issuer Name and Ticker or Trading Symbol <u>Xtant Medical Holdings, Inc. [BONE]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	1,272,796 ⁽¹⁾	I	By trust ⁽²⁾

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

1. Name and Address of Reporting Person* <u>Hemmelgarn Brian J.</u> <hr/> (Last) (First) (Middle) PO BOX 421 15643 CAPTIVA DRIVE <hr/> (Street) CAPTIVA FL 33924 <hr/> (City) (State) (Zip)		
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1. Name and Address of Reporting Person* <u>Brian J. Hemmelgarn Revocable Living Trust dated February 9, 1998, as amended</u> <hr/> (Last) (First) (Middle) PO BOX 421 15643 CAPTIVA DRIVE <hr/> (Street) CAPTIVA FL 33924 <hr/> (City) (State) (Zip)		
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Explanation of Responses:

- The shares are currently held in escrow and subject to forfeiture to satisfy claims arising under the Stock Purchase Agreement dated July 27, 2015 whereby Xtant Medical Holdings, Inc. (formerly known as Bacterin International Holdings, Inc.) acquired all of the capital stock of X-spine Systems, Inc.
- The shares are held by the Brian J. Hemmelgarn Revocable Living Trust dated February 9, 1998, as amended, which may be revoked by Mr. Hemmelgarn and of which Mr. Hemmelgarn is a beneficiary and the sole trustee.

Remarks:

/s/ Brian J. Hemmelgarn, 08/07/2015
individually and as sole trustee
of the Brian J. Hemmelgarn

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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.