

The Securities and Exchange Commission has not necessarily reviewed the information in this filing and has not determined if it is accurate and complete.

The reader should not assume that the information is accurate and complete.

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

Notice of Exempt Offering of Securities

OMB APPROVAL	
OMB Number:	3235-0076
Estimated average burden hours per response:	4.00

1. Issuer's Identity

<p><b>CIK (Filer ID Number)</b>  <a href="#">0001453593</a></p> <p><b>Name of Issuer</b>                  Xtant Medical Holdings, Inc.</p> <p><b>Jurisdiction of Incorporation/Organization</b>                  DELAWARE</p> <p><b>Year of Incorporation/Organization</b>                  X Over Five Years Ago                  Within Last Five Years (Specify Year)                  Yet to Be Formed</p>	<p><b>Previous Names</b>                  None</p> <p>Bacterin International Holdings, Inc.                  K KITZ INC</p>	<p><b>Entity Type</b></p> <p><input checked="" type="checkbox"/> Corporation  <input type="checkbox"/> Limited Partnership  <input type="checkbox"/> Limited Liability Company  <input type="checkbox"/> General Partnership  <input type="checkbox"/> Business Trust  <input type="checkbox"/> Other (Specify)</p>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

2. Principal Place of Business and Contact Information

<b>Name of Issuer</b>			
Xtant Medical Holdings, Inc.			
<b>Street Address 1</b>		<b>Street Address 2</b>	
664 CRUISER LANE			
<b>City</b>	<b>State/Province/Country</b>	<b>ZIP/PostalCode</b>	<b>Phone Number of Issuer</b>
BELGRADE	MONTANA	59714	406-388-0480

3. Related Persons

<b>Last Name</b>	<b>First Name</b>	<b>Middle Name</b>
Browne	Sean	E.
<b>Street Address 1</b>	<b>Street Address 2</b>	
664 Cruiser Lane		
<b>City</b>	<b>State/Province/Country</b>	<b>ZIP/PostalCode</b>
Belgrade	MONTANA	59714
<b>Relationship:</b> X Executive Officer X Director Promoter		

Clarification of Response (if Necessary):

<b>Last Name</b>	<b>First Name</b>	<b>Middle Name</b>
Jensen	Greg	
<b>Street Address 1</b>	<b>Street Address 2</b>	
664 Cruiser Lane		
<b>City</b>	<b>State/Province/Country</b>	<b>ZIP/PostalCode</b>
Belgrade	MONTANA	59714
<b>Relationship:</b> X Executive Officer Director Promoter		

Clarification of Response (if Necessary):

Last Name	First Name	Middle Name
Brandt	Kevin	D.
<b>Street Address 1</b>	<b>Street Address 2</b>	
664 Cruiser Lane		
<b>City</b>	<b>State/Province/Country</b>	<b>ZIP/PostalCode</b>
Belgrade	MONTANA	59714
<b>Relationship:</b>	X Executive Officer	Director Promoter

Clarification of Response (if Necessary):

---

Last Name	First Name	Middle Name
Peters	Jeffrey	
<b>Street Address 1</b>	<b>Street Address 2</b>	
664 Cruiser Lane		
<b>City</b>	<b>State/Province/Country</b>	<b>ZIP/PostalCode</b>
Belgrade	MONTANA	59714
<b>Relationship:</b>	Executive Officer X	Director Promoter

Clarification of Response (if Necessary):

---

Last Name	First Name	Middle Name
Bakewell	John	
<b>Street Address 1</b>	<b>Street Address 2</b>	
664 Cruiser Lane		
<b>City</b>	<b>State/Province/Country</b>	<b>ZIP/PostalCode</b>
Belgrade	MONTANA	59714
<b>Relationship:</b>	Executive Officer X	Director Promoter

Clarification of Response (if Necessary):

---

Last Name	First Name	Middle Name
Eggenberg	Michael	
<b>Street Address 1</b>	<b>Street Address 2</b>	
664 Cruiser Lane		
<b>City</b>	<b>State/Province/Country</b>	<b>ZIP/PostalCode</b>
Belgrade	MONTANA	59714
<b>Relationship:</b>	Executive Officer X	Director Promoter

Clarification of Response (if Necessary):

---

Last Name	First Name	Middle Name
Rizzo	Matthew	
<b>Street Address 1</b>	<b>Street Address 2</b>	
664 Cruiser Lane		
<b>City</b>	<b>State/Province/Country</b>	<b>ZIP/PostalCode</b>
Belgrade	MONTANA	59714
<b>Relationship:</b>	Executive Officer X	Director Promoter

Clarification of Response (if Necessary):

---

Last Name	First Name	Middle Name
McNamara	Robert	
<b>Street Address 1</b>	<b>Street Address 2</b>	
664 Cruiser Lane		
<b>City</b>	<b>State/Province/Country</b>	<b>ZIP/PostalCode</b>
Belgrade	MONTANA	59714

**Relationship:** Executive Officer X Director Promoter

Clarification of Response (if Necessary):

---

#### 4. Industry Group

Agriculture	Health Care	Retailing
Banking & Financial Services	Biotechnology	Restaurants
Commercial Banking	Health Insurance	Technology
Insurance	Hospitals & Physicians	Computers
Investing	Pharmaceuticals	Telecommunications
Investment Banking	X Other Health Care	Other Technology
Pooled Investment Fund	Manufacturing	Travel
Is the issuer registered as an investment company under the Investment Company Act of 1940?	Real Estate	Airlines & Airports
Yes	Commercial	Lodging & Conventions
No	Construction	Tourism & Travel Services
Other Banking & Financial Services	REITS & Finance	Other Travel
Business Services	Residential	Other
Energy	Other Real Estate	
Coal Mining		
Electric Utilities		
Energy Conservation		
Environmental Services		
Oil & Gas		
Other Energy		

#### 5. Issuer Size

<b>Revenue Range</b>	<b>OR</b>	<b>Aggregate Net Asset Value Range</b>
No Revenues		No Aggregate Net Asset Value
\$1 - \$1,000,000		\$1 - \$5,000,000
\$1,000,001 - \$5,000,000		\$5,000,001 - \$25,000,000
\$5,000,001 - \$25,000,000		\$25,000,001 - \$50,000,000
\$25,000,001 - \$100,000,000		\$50,000,001 - \$100,000,000
Over \$100,000,000		Over \$100,000,000
X Decline to Disclose		Decline to Disclose
Not Applicable		Not Applicable

#### 6. Federal Exemption(s) and Exclusion(s) Claimed (select all that apply)

	Investment Company Act Section 3(c)	
Rule 504(b)(1) (not (i), (ii) or (iii))	Section 3(c)(1)	Section 3(c)(9)
Rule 504 (b)(1)(i)	Section 3(c)(2)	Section 3(c)(10)
Rule 504 (b)(1)(ii)	Section 3(c)(3)	Section 3(c)(11)
Rule 504 (b)(1)(iii)	Section 3(c)(4)	Section 3(c)(12)
X Rule 506(b)	Section 3(c)(5)	Section 3(c)(13)
Rule 506(c)	Section 3(c)(6)	Section 3(c)(14)
Securities Act Section 4(a)(5)	Section 3(c)(7)	

7. Type of Filing

X New Notice Date of First Sale 2021-02-24 First Sale Yet to Occur  
Amendment

8. Duration of Offering

Does the Issuer intend this offering to last more than one year? Yes X No

9. Type(s) of Securities Offered (select all that apply)

X Equity Pooled Investment Fund Interests  
Debt Tenant-in-Common Securities  
X Option, Warrant or Other Right to Acquire Another Security Mineral Property Securities  
X Security to be Acquired Upon Exercise of Option, Warrant or Other Right to Acquire Security Other (describe)

10. Business Combination Transaction

Is this offering being made in connection with a business combination transaction, such as a merger, acquisition or exchange offer? Yes X No

Clarification of Response (if Necessary):

11. Minimum Investment

Minimum investment accepted from any outside investor \$0 USD

12. Sales Compensation

Recipient Recipient CRD Number None  
A.G.P./Alliance Global Partners 8361  
(Associated) Broker or Dealer X None (Associated) Broker or Dealer CRD Number X None  
None None

Street Address 1 Street Address 2 ZIP/Postal Code  
590 Madison Avenue 36th Floor  
City State/Province/Country Code  
New York NEW YORK 10022

State(s) of Solicitation (select all that apply) All States Foreign/non-US  
Check "All States" or check individual States

NEW YORK

13. Offering and Sales Amounts

Total Offering Amount \$36,250,002 USD or Indefinite  
Total Amount Sold \$20,000,000 USD  
Total Remaining to be Sold \$16,250,002 USD or Indefinite

Clarification of Response (if Necessary):

The issuer may receive up to an additional \$16,250,002 if and when the purchaser or sales agent exercise the warrants issued in this offering.

14. Investors

Select if securities in the offering have been or may be sold to persons who do not qualify as accredited investors, and enter the number of such non-accredited investors who already have invested in the offering.

Regardless of whether securities in the offering have been or may be sold to persons who do not qualify as accredited investors, enter the total number of investors who already have invested in the offering:

1

#### 15. Sales Commissions & Finder's Fees Expenses

Provide separately the amounts of sales commissions and finders fees expenses, if any. If the amount of an expenditure is not known, provide an estimate and check the box next to the amount.

Sales Commissions                      \$1,400,000 USD    Estimate  
Finders' Fees                              \$0 USD    Estimate

Clarification of Response (if Necessary):

#### 16. Use of Proceeds

Provide the amount of the gross proceeds of the offering that has been or is proposed to be used for payments to any of the persons required to be named as executive officers, directors or promoters in response to Item 3 above. If the amount is unknown, provide an estimate and check the box next to the amount.

\$0 USD    Estimate

Clarification of Response (if Necessary):

#### Signature and Submission

Please verify the information you have entered and review the Terms of Submission below before signing and clicking SUBMIT below to file this notice.

#### Terms of Submission

In submitting this notice, each issuer named above is:

- Notifying the SEC and/or each State in which this notice is filed of the offering of securities described and undertaking to furnish them, upon written request, in the accordance with applicable law, the information furnished to offerees.\*
- Irrevocably appointing each of the Secretary of the SEC and, the Securities Administrator or other legally designated officer of the State in which the issuer maintains its principal place of business and any State in which this notice is filed, as its agents for service of process, and agreeing that these persons may accept service on its behalf, of any notice, process or pleading, and further agreeing that such service may be made by registered or certified mail, in any Federal or state action, administrative proceeding, or arbitration brought against the issuer in any place subject to the jurisdiction of the United States, if the action, proceeding or arbitration (a) arises out of any activity in connection with the offering of securities that is the subject of this notice, and (b) is founded, directly or indirectly, upon the provisions of: (i) the Securities Act of 1933, the Securities Exchange Act of 1934, the Trust Indenture Act of 1939, the Investment Company Act of 1940, or the Investment Advisers Act of 1940, or any rule or regulation under any of these statutes, or (ii) the laws of the State in which the issuer maintains its principal place of business or any State in which this notice is filed.
- Certifying that, if the issuer is claiming a Regulation D exemption for the offering, the issuer is not disqualified from relying on Rule 504 or Rule 506 for one of the reasons stated in Rule 504(b)(3) or Rule 506(d).

Each Issuer identified above has read this notice, knows the contents to be true, and has duly caused this notice to be signed on its behalf by the undersigned duly authorized person.

For signature, type in the signer's name or other letters or characters adopted or authorized as the signer's signature.

Issuer	Signature	Name of Signer	Title	Date
Xtant Medical Holdings, Inc.	/s/ Greg Jensen	Greg Jensen	Vice President, Finance and Chief Financial Officer	2021-02-26

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.

\* This undertaking does not affect any limits Section 102(a) of the National Securities Markets Improvement Act of 1996 ("NSMIA") [Pub. L. No. 104-290, 110 Stat. 3416 (Oct. 11, 1996)] imposes on the ability of States to require information. As a result, if the securities that are the subject of this Form D are "covered securities" for purposes of NSMIA, whether in all instances or due to the nature of the offering that is the subject of this Form D, States cannot routinely require offering materials

under this undertaking or otherwise and can require offering materials only to the extent NSMIA permits them to do so under NSMIA's preservation of their anti-fraud authority.

---