

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

1. Name and Address of Reporting Person* <u>Neils Scott C</u> <hr/> (Last) (First) (Middle) 664 CRUISER LANE <hr/> (Street) BELGRADE MT 59714 <hr/> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Xtant Medical Holdings, Inc. [XTNT]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) Chief Financial Officer
	3. Date of Earliest Transaction (Month/Day/Year) 08/15/2023	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	
Rule 10b5-1(c) Transaction Indication <input type="checkbox"/> Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.		

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			
Common Stock	08/15/2023		A		116,144 ⁽¹⁾	A	\$0	520,104 ⁽²⁾	D	
Common Stock	08/15/2023		F		25,246	D	\$1.18	494,858 ⁽²⁾	D	

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)		7. Title and Amount of Securities Underlying Derivative Security (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: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Stock Option (right to buy)	\$1.2	08/15/2023		A		135,501		(3)	08/15/2033	Common Stock	135,501	\$0	135,501	D	

Explanation of Responses:

- These shares will vest and be issued with respect to 29,036 shares on each of August 15, 2024, August 15, 2025, August 15, 2026 and August 15, 2027 pursuant to a restricted stock unit granted under the Xtant Medical Holdings, Inc. 2023 Equity Incentive Plan, conditioned upon the Reporting Person remaining an employee of Xtant through the vesting date.
- Includes 116,144 shares to be issued upon vesting pursuant to a restricted stock unit award granted under the Xtant Medical Holdings, Inc. 2023 Equity Incentive Plan and 227,985 shares to be issued upon vesting pursuant to restricted stock unit awards granted under the Xtant Medical Holdings, Inc. Amended and Restated 2018 Equity Incentive Plan, all conditioned upon the Reporting Person remaining an employee of Xtant through the vesting dates.
- This option vests with respect to 33,875 shares on August 15, 2024 and with respect to the remaining 75% of such shares over the three-year period thereafter in 12 as nearly equal as possible quarterly installments, conditioned upon the Reporting Person remaining an employee of Xtant through the vesting date.

/s/ Amy E. Culbert, attorney-in-fact 08/17/2023

** 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 4 (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.