## **UNITED STATES** SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

#### **CURRENT REPORT**

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of Earliest Event Reported): September 15, 2020

## ORGANOGENESIS HOLDINGS INC.

(Exact Name of Registrant as specified in its charter)

	Delaware (State or Other Jurisdiction of Incorporation)	001-37906 (Commission File Number)	98-1329150 (IRS Employer Identification No.)
	85 Dan Road Canton, MA (Address of principal executive offices)		02021 (Zip Code)
	(Regi	(781) 575-0775 istrant's telephone number, including area code)	
	(Registrant	Not Applicable 's name or former address, if change since last re	port)
Check the ap		intended to simultaneously satisfy the filin	ng obligation of the registrant under any of the
	Written communications pursuant to Rule 42	25 under the Securities Act (17 CFR 230.42	25)
	Soliciting material pursuant to Rule 14a-12 u	under the Exchange Act (17 CFR 240.14a-	12)
	Pre-commencement communications pursuar	nt to Rule 14d-2(b) under the Exchange A	ct (17 CFR 240.14d-2(b))
	Pre-commencement communications pursuar	nt to Rule 13e-4(c) under the Exchange Ad	et (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Trading

Symbol(s)

ORGO

Name of each exchange

on which registered

Nasdaq Capital Market

Emerging Growth Company ⊠

Title of each class

Class A Common Stock, \$0.0001 par value

Securities registered pursuant to Section 12(b) of the Act:

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards pursuant to Section 13(a) of the Exchange Act .  $\Box$ 

#### Item 7.01. Regulation FD Disclosure.

Organogenesis Holdings Inc. (the "Company") from time to time presents at various industry and other conferences and provides summary business information. A copy of the slide presentation that will be used by representatives of the Company in connection with such presentations (the "Corporate Presentation") is attached to this Current Report on Form 8-K as Exhibit 99.1. The Corporate Presentation is current as of September 15, 2020, and the Company disclaims any obligation to correct or update this material in the future.

The information in the Corproate Presentation attached as Exhibit 99.1 is intended to be furnished and shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 (the "Exchange Act") or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as expressly set forth by specific reference in such filing.

#### Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Exhibit

No. Description

99.1 <u>Corporate Presentation current as of September 15, 2020.</u>

#### **SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Organogenesis Holdings Inc.

By: /s/ Lori Freedman

Name: Lori Freedman

Title: Vice President and General Counsel

Date: September 15, 2020



## **Corporate Presentation**

September 2020

## Forward-Looking Statements and Other Important Cautions / Industry and Market Data

Unless the context indicates otherwise, the terms "Organogenesis," "Company," "we," "us" and "our" refer to Organogenesis Holdings Inc. (formerly known as Avista Healthcare Public Acquisition Corp.), a Delaware corporation, and its subsidiaries. References in this presentation to the "Business Combination" refer to the consummation of the transactions contemplated by that certain Agreement and Plan of Merger, dated as of August 17, 2018, which transactions were consummated an December 10, 2018.

This presentation contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements relate to expectations or forecasts of future events. Forward-looking statements may be identified by the use of words such as "forecast," "intend," "seek," "farget," "anticipate," "believe," "expect," "estimate," "plan," "outlook," and "project" and other similar expressions that predict or indicate future events or trends or that are not statements of historical matters. Such forward-looking statements include statements relating to the Company's expected revenue for fiscal 2020 and the breakdown of such revenue in both its Advanced Wound Care and Surgical & Sports Medicine categories as well as the estimated revenue contribution of its PuraPly products and non-PuraPly products and statements related to ongoing clinical trials and the expected launch dates for new products. Forwardlooking statements with respect to the operations of the Company, strategies, prospects and other aspects of the business of the Company are based on current expectations that are subject to known and unknown risks and uncertainties, which could cause actual results or outcomes to differ materially from expectations expressed or implied by such forward-looking states factors include, but are not limited to: (1) the Company has incurred significant losses since inception and anticipates that it will incur substantial losses for the foreseeable future; (2) the Company faces significant and continuing competition, which could adversely affect its business, results of operations and financial condition; (3) rapid technological change could cause the Company's products to become obsolete and if the Company does not enhance its product offerings through its research and development efforts, it may be unable to effectively compete; (4) to be rcially successful, the Company must convince physicians that its products are safe and effective alternatives to existing treatments and that its products should be used in their procedures; (5) the Company's ability to raise funds to expand its business; (6) the impact of any changes to the reimbursement levels for the Company's products and the impact to the Company of the loss of preferred "pass through" status for PuraPly AM and PuraPly on October 1, 2020; (7) the Company's ability to maintain compliance with applicable Nasdag listing standards; (8) changes in applicable laws or regulations; (9) the possibility that the Company may be adversely affected by other economic, business, and/or competitive factors; (10) the Company's ability to complete the relaunch of Affinity and to maintain production in sufficient quantities to meet demand; and (11) other risks and uncertainties described under the caption "Risk Factors" in item 1A (Risk Factors) of the Company's Form 10-K for the year ended December 31, 2019 and in subsequent periodic filings with the SEC including risks related to the coronavirus (COVID-19) pandemic. You are cautioned not to place undue reliance upon any forward-looking statements, which speak only as of the date made. Although it may voluntarily do so from time to time, the Company undertakes no commitment to update or revise the forward-looking statements, whether as a result of new information, future events or otherwise, except as required by applicable securities laws.

Unless otherwise noted, the forecasted industry and market data contained herein are based upon management estimates and industry and market publications and surveys. The information from industry and market publications has been obtained from sources believed to be reliable, but there can be no assurance as to the accuracy or completeness of the included information. The Company has not independently verified any of the data from third-party sources, nor has the Company ascertained the underlying economic assumptions relied upon therein. While such information is believed to be reliable for the purposes used herein, the Company makes no representation or warranty with respect to the accuracy of such information.

#### Use of Non-GAAP Financial Measures

This Company has presented the following measures that are not measures of performance under accounting principles generally accepted in the United States ("GAAP"):

EBITDA and Adjusted EBITDA. EBITDA and Adjusted EBITDA are not measurements of our financial performance under GAAP and these measures should not be considered as an alternative to net income, operating income or any other performance measures derived in accordance with GAAP or as an alternative to cash flows from operating activities (including net cash used in operating activities and purchases of property and equipment) as a measure of our liquidity.

EBITDA as used herein is defined as net income (loss) attributable to Organogenesis Holdings Inc. before depreciation and amortization, net interest expense and income taxes and the Company defines Adjusted EBITDA as EBITDA, further adjusted for the impact of certain items that the Company does not consider indicative of its core operating performance. These items may include non-cash equity compensation, mark to market adjustments on the Company's warrant liabilities, change in fair value of interest rate swaps and its contingent asset and liabilities, write-off of deferred offering costs, merger transaction costs related to the Business Combination, a loss on the extinguishment of debt, and other costs and expenses incurred not related to the Company's core operations. The Company presented Adjusted EBITDA in this presentation because it is a key measure used by the Company's management and Board of Directors to understand and evaluate the Company's operating performance, generate future operating plans and make strategic decisions regarding the allocation of capital. In particular, the Company's management believes that the exclusion of certain items in calculating Adjusted EBITDA can produce a useful measure for period-to-period comparisons of the Company's business.

The Company's management does not consider these non-GAAP measures in isolation or as an alternative to financial measures determined in accordance with GAAP. Other companies may calculate EBITDA, Adjusted EBITDA, and other non-GAAP measures differently, and therefore the Company's EBITDA, Adjusted EBITDA, and other non-GAAP measures may not be directly comparable to similarly titled measures of other companies. A reconciliation of Non-GAAP measures used in this presentation to the most closely comparable GAAP measure is set forth in the Appendix.

There are a number of limitations related to the use of Adjusted EBITDA rather than net income (loss), which is the most directly comparable GAAP equivalent. Some of these limitations are:

- Adjusted EBITDA excludes stock-based compensation expense, as stock-based compensation expense has recently been, and will continue to be for the foreseeable future, a significant recurring expense for our business and an important part of our compensation strategy;
- · Adjusted EBITDA excludes depreciation and amortization expense and, although these are non-cash expenses, the assets being depreciated may have to be replaced in the future;
- Adjusted EBITDA excludes net interest expense, or the cash requirements necessary to service interest, which reduces cash available to us;
- Adjusted EBITDA excludes the impact of the changes in the fair value of our warrant liability and our contingent consideration forfeiture asset;
- Adjusted EBITDA excludes the write-off of deferred offering costs in connection with an abandoned public offering, as well as merger transaction costs, consisting primarily of legal and professional fees;
- Adjusted EBITDA excludes the loss of extinguishment of debt, which is a non-cash loss related to the write-off of unamortized debt issuance costs upon repayment of affiliate and third-party debt, and related prepayment penalties;
- · Adjusted EBITDA excludes the advisory, legal, and professional fees incurred in connection with the warrant exchange transactions;
- Adjusted EBITDA excludes other costs and expenses incurred not related to operations;
- · Adjusted EBITDA excludes income tax expense (benefit); and
- . Other companies, including companies in our industry, may calculate Adjusted EBITDA differently, which reduces its usefulness as a comparative measure.

## **Key Company Highlights**



- es: Includes studies yet to publish data and retrospective projects. Number of facilities that have ordered products in 2019. 12 months ended 6/30/20 gross margin.

## Experienced Leadership with Track Record of Execution

## Organogenesis

Empowering Healing

Name/Title



Gary Gillheeney, Sr President & Chief Executive Officer

- 25+ years in senior leadership positions in both public and private organizations
- Served as President and CEO of Organogenesis since 2014
- 18 years at Organogenesis; also served as COO and CFO
- Recognized as one of Ernst & Young's 2009 "Entrepreneur of the Year"





Henry Hagopian Interim Chief Financial Officer, VP Finance, Treasurer

- 13 years at Organogenesis
- Previously held controller and manager positions at CIRCOR International and Stratus Technologies









Patrick Bilbo Chief Operating Officer

- 26 years with Organogenesis
- Previously held management and research positions at Hologic, Stryker, and Harvard Medical School









Brian Grow Chief Commercial Officer

- 16 years with Organogenesis
- Previously spent 3 years at Novartis / Innovex and 1 year at Bristol-Myers Squibb









Antonio Montecalvo VP, Health Policy and Contracting

- 17 years with Organogenesis
- 6 years experience of Provider contracting with UnitedHealth and 7 years public accounting experience with large local public accounting firms



UnitedHealth Group



Lori Freedman VP and General Counsel

- 15+ years as public company general counsel and business development executive
- Most recently VP Corporate Affairs, General Counsel & Secretary of pSivida Corp. with earlier career at McDermott, Will & Emery





4

## Track Record Since Business Combination



## Business Combination @ 12/10/2018(1)

#### **Current Position**

#### Product Portfolio

- 9 Commercialized Products
- 5 Pipeline products
- 2 Market-expanding BLA programs
- Consolidated Clinical Operations & Initiated Studies
- Operations/ Customers
- 215 Sales Reps
- 130 Independent Agencies
- 3,000 Healthcare facilities served
- **Financial** Performance
- 2018 Revenue: \$193mm
- Gross Margins: 64%
- Adjusted EBITDA: (\$36)mm

- 11 Commercialized Products
- 5 Pipeline products
- 2 Market-expanding BLA programs
- 200+ publications; 15 ongoing studies
- 275 Sales Reps
- 165 Independent Agencies
- 3,200+ Healthcare facilities served
- LTM 06/30/20 Revenue: \$270mm ▲ 14% Growth<sup>(2)</sup>
- Gross Margins: 71% ▲ 600+ BPS(3)
- LTM 06/30/20 Adjusted EBITDA: (\$17)mm

ts: As of 12/31/2018 Represents growth from LTM 06/30/19 revenue

## Q2 Revenue Results

#### 2Q 2020 Revenue Summary

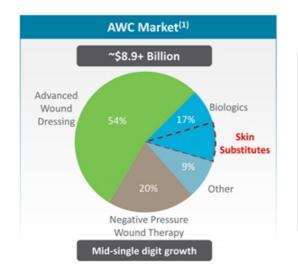
- Net revenue of \$69.0 million for the three months ended June 30, 2020, up 6% compared to net revenue of \$64.9 million for the three months ended June 30, 2019. Net revenue is based upon:
  - Net revenue from Advanced Wound Care products of \$59.7 million, up 8% year-over-year.
  - Net revenue from Surgical & Sports Medicine products of \$9.2 million, down 5% year-over-year.
- Net revenue from the sale of PuraPly products of \$28.5 million for the three months ended June 30, 2020, down 4% year-over-year.



Large and Growing Target Markets

Organogenesis Organogenesis

## Skin Substitutes is a Fast-Growing, Under-Penetrated Segment of the Advanced Wound Care Market





#### Key Drivers of Skin Substitute Market Include:

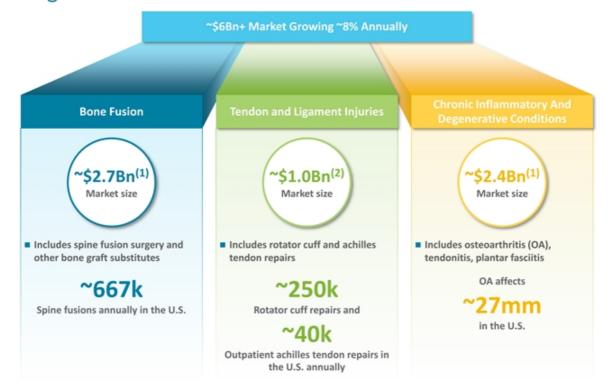
Physician and payer education about the effectiveness and benefits of these products

✓ Clinical data

Overall growth of Advanced Wound Care market driven by aging demographics and increase in comorbidities such as diabetes, obesity, etc.

ss: BIS Research; Global Advanced Wound Care Market (2019). Report covers global market. BioMed GPS SmartTrak (2019). Report covers US market.

## Surgical & Sports Medicine Market Is An Underserved, High-Growth Market

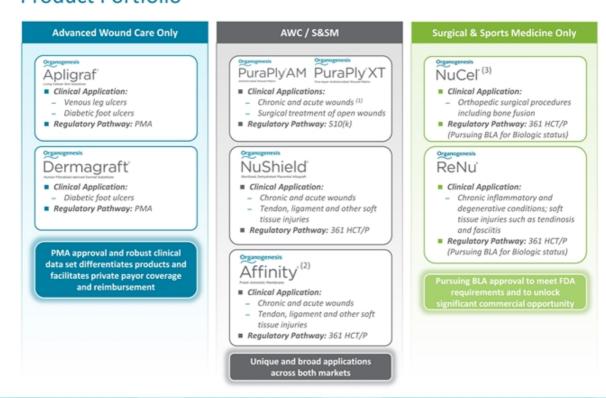


es: Technavio (2018), Global Orthobiologics Market Report. Technavio (2015), Global Regenerative Medicine Market Report, retrieved September 26, 2017, from EMIS Professional Database.



## Broad and Comprehensive Product Portfolio

## Comprehensive and Differentiated Commercial **Product Portfolio**



ity production suspended in Q1 2019, product launch anticipated in H1 2020. mal sales in AWC.

## Our Products Cover a Wide Range of Addressable Wounds

#### Ability to Treat a Wide Range of Wounds

- Complete product portfolio serves as a key competitive advantage
- PuraPly AM is the only first line antimicrobial skin substitute with PHMB<sup>(1)</sup> for all wounds<sup>(2)</sup>
- Apligraf (DFUs and VLUs) and Dermagraft (DFUs) are PMA-approved products for complex wounds





#### **Benefits of Broad AWC Portfolio**

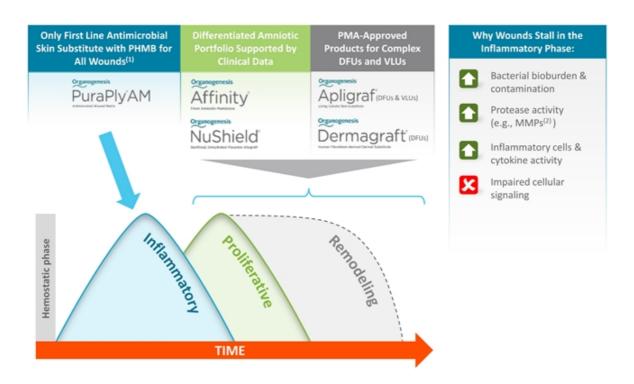
- Serves wide range of health care customers
- ✓ Enables IDN / GPO contracting
- Facilitates patient-specific treatment protocols
- Robust mind share among customers
- Combination of PMA-approved, 510(k) and 361 HCT/P products diversifies revenue and reimbursement mix

Notes:

Polyhexamethylene biguanide.

2. Except 3<sup>rd</sup> degree burns.

## **Our Products Treat Wounds Across All Stages**



# We Have a Broad and Unique Portfolio in the Skin Substitute Market

				smith&nephew	MISONIX.		
	Organogenesis traccering realing	MiMedx	INTEGRA	Osiris	Solsys	#ACell	amniox
Products	Skin Sub	Skin Sub- Sheet/Flowable	Skin Sub Honey ,TCC (cast), Dressings	Skin Sub, Enzymatic Debrider, PDGF, NPWT, Dressings	Skin Sub, Ultrasonic Debrider	Skin Sub- Sheet/Flowable	Skin Sub- Sheet/Flowable
Human Cellular Bioengineered Graft	Apligraf Dermagraft TransCyte						
Xenograft / Antimicrobial	PuraPlyAM PuraPlyXT PuraPlyMZ		✓				
Xenograft	PuraPly		✓	✓		✓	
Allograft	NuCel NuShield ReNu Affinity Novachor	✓	✓	✓	✓		✓
PMA / BLA Approved Products	4 <sup>(1)</sup>	0	1	1	0	0	0

Note: 1. Includes Gintuit.

# We Have a Broad Portfolio in the Surgical & Sports Medicine Market

	>'s smith&nephew									
	Organogenesis	MiMedx	INTEGRA	#ACell	Osiris	Medtronic	ORTHOFIX	WRIGHT	Multiple	Multiple
Products	Amniotic Membrane, Amniotic Suspension, Xenograft	Amniotic Membrane, Amniotic Suspension	Dermal Template, Amniotic Membrane, Amniotic Suspension, Tendon Reinforcement,	Collagen Sheets and Powders	Amniotic Membrane, Tendon Reinforcement	Orthobiologics	Orthobiologics	Orthobiologics, Tendon Reinforcement, Amniotic Suspension, Amniotic Membrane	Platelet Rich, Plasma Solutions	Hyaluronic Acid Injections
Spine Fusion	NuCel					<b>✓</b>	✓			
Extremity Fusion	NuCeľ						✓	✓		
Tendon Repair	NuShield Affinity PuraForce	<b>✓</b>	✓		<b>✓</b>			✓	<b>✓</b>	
OA Degenerative	ŘeNu	<b>✓</b>						✓	<b>✓</b>	✓
Acute Surgical Wound	NuShield Affinity PuraPlyAM	✓	✓	✓	✓					

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## **Growth Strategy**

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## Strategic Initiatives & Catalysts for Growth

#### **Key Pillars of Growth Strategy**

- Launch new products and invest in R&D
- Penetrate additional sites of care
- Continue sales force expansion and optimization
- Pursue strategic M&A and in-licensing to leverage commercial infrastructure
- Continue to build compendium of clinical data
- Manufacturing and infrastructure enhancements to improve gross margins
- Expand payor and provider contracting efforts

#### **Anticipated Growth Drivers**

Near-Term

- Relaunch/commercial ramp of Affinity product throughout 2020
- Launch PuraPly XT and various PuraPly AM (PPAM) line extensions (New Sizes)
- Proactive management of PuraPly pass-through status

Medium-Term (2021 – 2022)

- Launch NovaChor and other new placental products
- Enter burn market with the launch of a burn portfolio (TransCyte, Biosynthetic Burn Wound Matrix, Etc.)

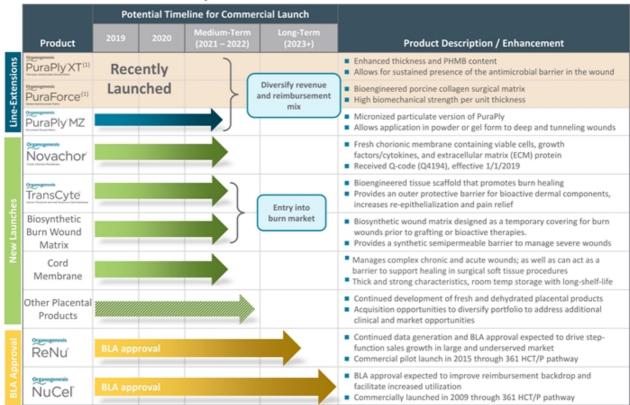
Long-Term (2023+)

- Pursue BLA approvals for ReNu and NuCel for label indications and reimbursement
- Develop, in-license and/or acquire additional pipeline products

Organogenesis

17

## **Robust Product Pipeline**



Notes:

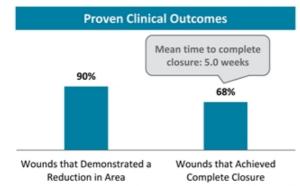
Product already launched on small scale.

# PuraPly – The Leader in Skin Substitute / Antimicrobial Space



#### **Product Description**

- Patented, purified native porcine collagen matrix embedded with a broad spectrum antimicrobial
- "Pass-through" reimbursement status until 9/30/2020
- Only first line antimicrobial skin substitute with PHMB for all wounds<sup>(1)</sup>
- Provides 3 Key Clinical Benefits:
- Collagen matrix creates a durable biocompatible scaffold which promotes healing
- 2 Effective barrier against a wide array of microorganisms
- 3 Antimicrobial agent (PHMB) is known to **inhibit the formation of biofilm on wound surfaces** (biofilm management provides necessary support to proceed to wound closure)



#### Study Background(3)

- Use of PuraPly AM in the management of bioburden and treatment of chronic, nonhealing wounds
- Study duration of 24 weeks and primary efficacy analyzed at 12 weeks; n=63
- Baseline wound statistics:
  - Wound area (median): 6.5 cm2
  - Wound duration (mean): 4 months
- All wound types studied<sup>(2)</sup>

Note:

1 Event 3<sup>rd</sup> degree b

 29% venous ulcers; 22% trauma and laceration; 16% post surgica wounds; 13% pressure ulcers; 10% diabetic ulcers; 10% other. Bain et al. (2019). (2019). Effect of Native Type I Collagen with Polyhexamethylene Biguanide Antimicrobial on Wounds: Interin Registry Results. Plastic and reconstructive surgery. Global open 7(6), e2251. doi:10.1097/GOX.00000000002251.

## PuraPly XT – Launched February 2020



#### **Product Description**

- Five-layer, native, cross-linked ECM+broad spectrum PHMB antimicrobial barrier for larger more complex wounds
- Cross-linked ECM resists degradation in wounds, supporting persistence between debridements <sup>1</sup>
- A five-layer ECM maximizes surface area for PHMB saturation <sup>2,3,4</sup>
- PHMB proactively disrupts bioburden <sup>2,3,5</sup> and has high tissue compatibility and low cytotoxicity <sup>5,6,7</sup>
- XT is supplied dry in sheet form, packaged in sterile, sealed single pouches for most wound types<sup>2</sup>

#### Size & SKUs **Indications** DRAINING WOUNDS A POST-MOHS SURGERY WOUNDS PARTIAL- AND FULL-THICKNESS WOUNDS TRAUMA WOUNDS' SURGICAL WOUNDS! PRESSURE ULCERS TUNNELING/UNDERMINED WOUNDS CHRONIC VASCULAR ULCERS Total sq. cm ■ VENOUS ULCERS 25 sq. cm DIABETIC ULCERS PURAPLYAMXT-COM, 6X9 6cm × 9cm 54 sq. cm

References: 1. PDR-0003. 2. PuraPly XT [package insert]. Canton, MA. 3. Carpenter S, et al. Wounds. 2016;28(6 suppl):S1-S20. 4. Brantley J, et al. Wounds Int. 2016. 5. Gilbert P, et al. JAppl Microbiol. 2005;99(4). 703-715. 6. Hübner NO, et al. Skin Pharmacol Physiol. 2010;23(1 suppl):17-27. 7. Sood A, et al. Adv Wound Care. 2014;3(8):511-529.

## Measures Taken to Position PuraPly Post Pass-Through

#### **Pass-Through Situation Overview**

- PuraPly benefits from "pass-through" reimbursement specific to outpatient wound care centers and ASC
  - CMS provides additional reimbursement above the procedure's bundled payment for certain products
- Pass-through status ended (temporarily) on 12/31/17
- Pass-through status restored effective Oct. 1, 2018 through Sep. 30, 2020

#### **Proactive Measures Taken With PuraPly**

- 1 Increased penetration in physician offices, where PuraPly is reimbursed at cost-plus
- New smaller, lower-priced SKUs under bundle price
- Invested in clinical data to facilitate private payor coverage
- 4 Introduction of innovative line extensions: PuraPly XT and new sizing options

#### Other Organogenesis Growth Drivers Expected to Offset Impact of PuraPly

- 1 Affinity relaunch in H1 2020 hits stride in 2021
- New revenue stream from TransCyte in medium term
- 3 Non-PuraPly revenues grew at a 22% CAGR from 2017 to 2019
  - Continued sales force expansion and customer growth
  - Robust growth in S&SM channel
  - Launch of NovaChor into the Hospital Outpatient setting/SSM markets

PuraPly is now well-established and regarded in the marketplace with increasing physician adoption and penetration PuraPly is well positioned for robust revenue growth following initial dip

Notes:

1. Subject to regulatory approval.

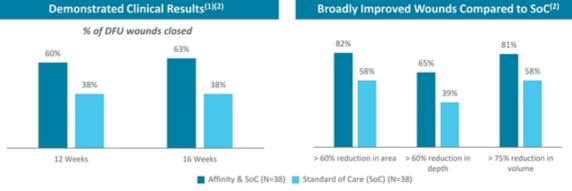
## Affinity - Relaunch/Commercial Ramp in 2020



#### **Product Description**

- Unique Fresh amniotic membrane containing many types of viable cells, growth factors/cytokines, and ECM proteins
  - Manages chronic and acute wounds, as well as tendon, ligament and other soft tissue injuries
- Only fresh amniotic membrane and one of only a few amniotic tissue products containing viable amniotic cells
- Production resumed in Q1 2020 after moving to new contract manufacturer
  - Relaunch/Commercial ramp in progress (2020)
- Product demand grew from first launch in 2014 and sales continued to increase through 2018
  - Expected to be source of organic growth in 2020 and 2021





Note:

Adjusted Cox Analysis.

 Serena et al. (2019). A randomized controlled clinical trial of a hypothermically stored amniotic membrane for use in diabetic foot ulcers. Journal of comparative effectiveness research, (0)

## NovaChor – Expected Commercial Launch 2021

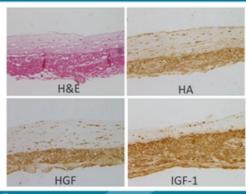


#### **Product Description**

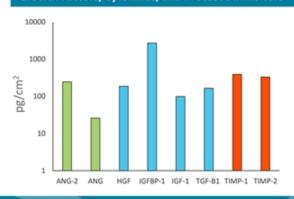
- Next in line for our advanced fresh tissue technology
- Fresh hypothermically stored chorion membrane containing viable cells, growth factors/cytokines, and ECM proteins
  - Manages chronic and acute wounds; as well as surgical deep and tunneling wounds
  - Maintains cell viability through expiration
- Thicker graft with no orientation requirements and improves handling
- Commercial launch planned for 2021
  - Expected to be source of organic growth in 2021 and 2022+



#### Presence Key Factors<sup>1</sup>



#### Growth Factors, Cytokines, and Protease Inhibitors<sup>1</sup>



Note: 1. Data on file

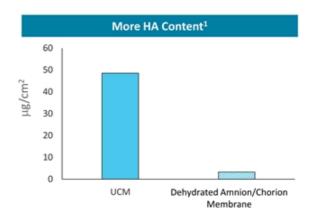
## Cord Membrane



#### **Product Description**

- Umbilical cord membrane (UCM) retaining the native collagen and hyaluronic acid-rich extracellular matrix (ECM), and growth factors found in placental tissue.
  - Indicated as wound cover to manage chronic and acute wounds, and as a barrier in surgical soft tissue procedures
  - Design objective is to develop a room temperature stable graft with a 2-year shelf life
- Planning to initiate large scale RCT for chronic wounds

# Tissue Structure<sup>1</sup>



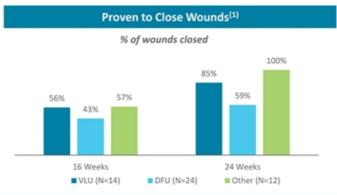
Note: 1. Data on file

# NuShield – Versatile Tissue Graft Covering Full Spectrum of Acute & Chronic Wounds



#### **Product Description**

- Dehydrated placental tissue graft that is topically or surgically applied to target tissue
- Recent robust growth driven by leveraging Organogenesis commercial infrastructure
- Product highlights:
  - More complete, more versatile dehydrated Allograft skin substitute
- Biologic characteristics support health of soft tissue defects, especially in difficult to heal locations or
- 2 challenging patient populations
- Unimpeded growth anticipated in the near-term following resolution of supply constraints in 2019





Note:

 Caporusso et al. (2019). Clinical experience using a dehydrated amnion/chorion membrane construct for the management of wounds. Wounds: a compendium of clinical research and practice, 31(4 Suppl), 519-527.



## Pursuing BLA Approval for ReNu to Open Up Large and Growing Market Opportunity



#### **Product Description**

- Cryopreserved suspension of amniotic fluid cells and morselized amnion tissue from the same donor
  - Formulated for office use (injection)
  - Primary application is treatment of Knee Osteoarthritis (OA) for reduced pain and improved
  - Multiple additional applications for soft tissues including Hip OA and joint and tendon injuries, such as tendinosis and fasciitis
- Product already being sold in market today
  - First launched in 2015
  - Predominantly cash pay
  - Significant reimbursement potential unlocked through BLA pathway
- Currently registered as a 361 HCT/P
  - BLA Registration required to continue to market the product long-term
- Initial 200 patient trial completed for BLA program; Phase III study to be initiated in 2020

#### **Market Opportunity**

Market opportunity for HA injection treatment options(1)

~27mm Americans with OA driven by aging, obesity and sports injuries

> 7.3% Market growth for HA injections(1)

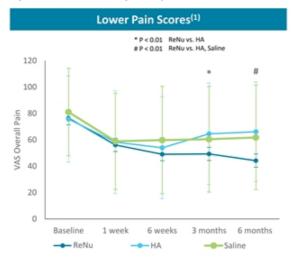
ts which are intra- Organogenesis

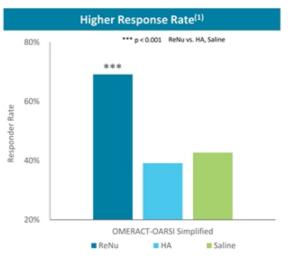


## Clinical Data suggests improved patient outcomes



- Clinical significance in Knee Osteoarthritis outcome compared to commercially available Hyaluronic acid ("HA") and placebo (Saline) over 6 months
  - Less pain and demonstrated improvements in patient-reported outcomes
- Patient-blinded, randomized, controlled clinical trial had an enrollment of 200 adult patients (ReNu = 68 patients, HA = 64 patients and saline = 68 patients)





Visual Analogue Scale (VAS)

Average ± standard deviation reported for VAS overall pain

55:
Farr et al. (2019). A Randomized Controlled Single-Blind Study Demonstrating Superiority of Amniotic Suspension Allograft Injection Over
Hyaluronic Acid and Saline Control for Modification of Knee Osteoarthritis Symptoms. Journal of Knee Surgery. DOI: 10.1055/s-0039-1696672.



## NuCel – Amniotic-Derived Allograft for Surgical Procedures

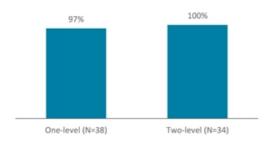


#### **Product Description**

- Surgically implanted allograft derived from human amniotic tissue and amniotic fluid
- Supports tissue healing in spinal and orthopedic surgical applications (i.e., bone growth and fusion)
- Launched in 2009
- Seeking BLA approval to meet FDA requirements for continued marketing
  - BLA approval expected to improve reimbursement backdrop and facilitate increased utilization
  - Expecting to initiate Phase III clinical trial in Q1-2021 to support BLA program
- Clinical trials demonstrated an ability to achieve kinematic fusion and effectiveness in treating patients with comorbidities

#### Proven to Achieve Kinematic Fusion(1)

% of patients achieving kinematic fusion



#### Study Overview<sup>(1)</sup>

- Patients received a one or two level lumbar interbody fusion with NuCel
- Baseline comorbidities were present in 90% of one-level patients and 88% of two-level patients
- No adverse events related to NuCel were reported

Note:

voice:

Nunley et al. (2016). Preliminary results of bloactive amniotic suspension with allograft for achieving one and two-level lumbar interbody fusion. International journal of spine surgery, 10, 12.



## TransCyte, in our Burn Portfolio, is an Approved Product TransCyte in an Attractive Market with Limited Competition



#### **Product Description**

- Targeted at 2<sup>nd</sup> and 3<sup>rd</sup> degree burns
  - Bioengineered tissue scaffold that promotes burn healing
  - Provides bioactive dermal components and outer protective
  - Increases re-epithelialization and pain relief
- PMA-approved product supported by robust data; wellregarded by customers
  - Requires manufacturing re-validation to re-launch product
  - Expected launch in medium-term (2021 2022)
- Burn market is sizeable and concentrated
  - Over 60% of U.S. acute hospitalizations related to burn injury were admitted to 128 burn centers(1)
  - Penetrate market with small specialty sales force and open up cross-selling opportunities



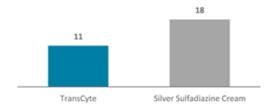
#### **Market Opportunity**



Limited competition opportunity - Currently only one other PMA approved product on the market

#### Faster Wound Healing(2)

Mean days to ≥ 90% wound epithelialization



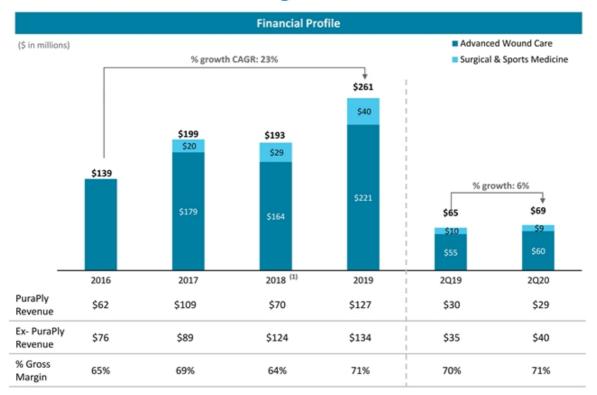
ety and efficacy of TransCyte\* for the treatment of partial-thickness burns. Journal of burn care &



## Financial Profile

Organogenesis Organogenesis

## Attractive Revenue and Margin Profile



Note:

PuraPly exited pass-through on 12/31/17 and entered pass-through status again on 10/1/18 and will exit or 9/30/20.

## **Income Statement**

(\$ in millions)	2018 (1)	2019	2Q19	2Q20
Net Revenue	\$193	\$261	\$65	\$69
% Growth	(3)%	35%	49%	6%
Gross Profit	\$125	\$185	\$46	\$49
% Margin	64%	71%	70%	71%
Operating Expenses	\$176	\$214	\$53	\$51
Loss from Operations	(\$52)	(\$29)	(\$7)	(\$2)
Net Loss	(\$65)	(\$40)	(\$10)	(\$5)
Adjusted EBITDA	(\$36)	(\$18)	(\$5)	\$0

Note:
1. PuraPly exited pass-through on 12/31/17 and entered pass-through status again on 10/1/18.

#### 2020 Guidance

#### Fiscal Year 2020 Revenue Guidance:

For the twelve months ending December 31, 2020, the Company expects:

- Net revenue of between \$273 million and \$277 million, representing growth of approximately 5% to 6% year-over-year, as compared to net revenue of \$261 million for the twelve months ended December 31, 2019.
- The 2020 net revenue guidance range assumes:
  - Net revenue from Advanced Wound Care products of between \$236 million and \$238 million, representing growth of approximately 7% to 8% year-over-year as compared to net revenue of \$221 million for the twelve months ended December 31, 2019.
  - Net revenue from Surgical & Sports Medicine products of between \$37 million and \$39 million, representing a decrease of approximately 3% to 8% year-over-year as compared to net revenue of \$40 million for the twelve months ended December 31, 2019.
  - Net revenue from the sale of PuraPly products of between \$108 million and \$110 million, representing a decrease of approximately 13% to 15% year-over-year, as compared to net revenue of \$127 million for the twelve months ended December 31, 2019.

# 2020 Q2 Form 10-Q Income Statement

		Three Months Ended June 30,				Six Months Ended June 30,		
		2020		2019		2020		2019
Net revenue	S	68,960	S	64,948	s	130,692	s	122,071
Cost of goods sold		20,042		19,446		38,835		36,426
Gross profit		48,918		45,502		91,857		85,645
Operating expenses:								
Selling, general and administrative		46,502		48,957		99,115		97,850
Research and development		4,668		3,864		10,078		7,235
Total operating expenses		51,170		52,821		109,193		105,085
Loss from operations		(2,252)		(7,319)		(17,336)		(19,440)
Other expense, net:								
Interest expense, net		(2,912)		(2,187)		(5,422)		(3,965)
Loss on the extinguishment of debt		-		-		-		(1,862)
Gain on settlement of deferred acquisition consideration		-				1,295		
Other income (expense), net		25		(120)		46		12
Total other expense, net		(2,887)		(2,307)		(4,081)		(5,815)
Net loss before income taxes		(5,139)		(9,626)		(21,417)		(25,255)
Income tax expense		(27)		(23)		(62)		(60)
Net loss	S	(5,166)	S	(9,649)	S	(21,479)	S	(25,315)
Net loss per share —basic and diluted	s	(0.05)	s	(0.11)	s	(0.21)	s	(0.28)
Weighted-average common shares outstanding—basic and diluted	10	04,714,725		90,647,352		104,600,825		90,625,850

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# 2020 Q2 Form 10-Q Balance Sheet

		June 30,	D	December 31,	
		2020		2019	
Assets					
Current assets:					
Cash	S	40,455	S	60,174	
Restricted cash		299		196	
Accounts receivable, net		44,024		39,359	
Inventory		28,562		22,918	
Prepaid expenses and other current assets		4,366		2,953	
Total current assets		117,706		125,600	
Property and equipment, net		53,033		47,184	
Notes receivable from related parties		302		556	
Intangible assets, net		19,164		20,797	
Goodwill		25,539		25,539	
Deferred tax asset		15		127	
Other assets		728		884	
Total assets	S	216,487	S	220,687	
Liabilities and Stockholders' Equity					
Current liabilities:					
Deferred acquisition consideration	S	1,432	S	5,000	
Current portion of term loan		6,667			
Current portion of capital lease obligations		3,327		3,057	
Accounts payable		29,944		28,387	
Accrued expenses and other current liabilities		24,688		23,450	
Total current liabilities		66,058		59,894	
Line of credit		39,353		33,484	
Term loan, net of current portion		52,954		49,634	
Deferred rent		1,097		1,012	
Capital lease obligations, net of current portion		13,011		14,431	
Other liabilities		8,264		6,649	
Total liabilities		180,737		165,104	
Commitments and contingencies (Note 13)					
Stockholders' equity:					
Common stock, \$0.0001 par value; 400,000,000 shares authorized; 106,145,716 and 105,599,434 shares issued; 105,417,168 and 104,870,886 shares outstanding at June 30, 2020					
and December 31, 2019, respectively.		11		10	
Additional paid-in capital		228,225		226,580	
Accumulated deficit		(192,486)		(171,007	
Total stockholders' equity	_	35,750	_	55,583	
Total liabilities and stockholders' equity	S	216,487	S	220,687	

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### 2020 Q2 Form 10-Q Cash Flow Statement Six Months Ended June 30,

Cash flows from operating activities:	2020		_	2019
Net loss	s	(21,479)	8	(25,315)
Adjustments to reconcile net loss to net cash used in operating activities:	3	(21,479)	,	(25,515)
Depreciation		1,793		1.761
Amortization of intangible assets		1.633		2,997
Non-cash interest expense		103		154
Deferred interest expense		1.022		536
Deferred rent expense		64		326
Gain on settlement of deferred acquisition consideration		(1,295)		320
Provision recorded for sales returns and doubtful accounts		970		27
Loss on disposal of property and equipment		201		21
Adjustment for excess and obsolete inventories		1,709		523
Stock-based compensation		678		458
		0./8		
Loss on extinguishment of debt				1,862
Changes in operating assets and liabilities:		45 9991		
Accounts receivable		(5,727)		723
Inventory		(7,353)		(6,087)
Prepaid expenses and other current assets		(1,302)		(785)
Accounts payable		235		1,473
Accrued expenses and other current liabilities		1,266		122
Other liabilities		864		(449)
Net cash used in operating activities		(26,618)		(21,674)
Cash flows from investing activities:				
Purchases of property and equipment		(6,411)		(1,251)
Proceeds from the repayment of notes receivable from related parties		293		
Acquisition of intangible asset			_	(250)
Net cash used in investing activities		(6,118)		(1,501)
Cash flows from financing activities:				
Line of credit borrowings		5,869		7,000
Proceeds from term loan		10,000		40,000
Repayment of notes payable				(17,585)
Proceeds from the exercise of stock options		968		54
Proceeds from the exercise of common stock warrants		-		628
Redemption of redeemable common stock placed into treasury				(6,762)
Principal repayments of capital lease obligations		(1,149)		(557)
Payment of deferred acquisition consideration		(2,568)		
Payment of debt issuance costs		-		(849)
Net cash provided by financing activities		13,120		21,929
Change in cash and restricted cash		(19,616)		(1,246)
Cash and restricted cash, beginning of period		60,370		21,405
Cash and restricted cash, end of period	S	40,754	S	20,159
Supplemental disclosure of cash flow information;				
Cash paid for interest	S	4.626	S	3.890
Cash paid for income taxes	s	4,020	s	67
Supplemental disclosure of non-cash investing and financing activities;				07
Debt issuance costs included in accounts payable	s		s	75
Purchases of property and equipment included in accounts payable and accrued expenses	s	4.692	S	1,638
			-	

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# Opportunities to Enhance Margins Through Facility Optimization

#### Canton, MA



- Headquarters
- Devoted to manufacturing, shipping, operations and R&D
- Recent expansion of PuraPly production and logistics
- Opportunity to maximize physical footprint and manufacturing efficiency overtime

#### Norwood, MA



- Facility in Norwood, MA (nearby Canton HQ), production expected in 2020 which would drive supply chain efficiencies and enhanced margins
- GMP production facility with multiple cleanrooms to allow significant production capacity for multiple products
- Flexible laboratory and office space

#### Birmingham, AL



- Facility supports QC, warehouse and distribution of amniotic products
- Stand-alone R&D facility
- Utilizes contract manufacturing for amniotic products

#### La Jolla, CA



- Devoted to operations, R&D and manufacturing
- R&D labs
- Customer service

Amniotic products are currently contract manufactured

# Interim and Longer-Term Financial Targets

Interim Target 2018-2021 Longer-Term Goal 2022+ **Revenue Growth** Low teens CAGR % >10% High 60's % to Gross Margin High 70's to 80% Low 70's % R&D 6 - 8%7% (% of Net Revenue) SG&A Mid 60's % to Mid 50's % (% of Net Revenue) Low 70's % Adjusted EBITDA 15-20% Single digit % loss Margin



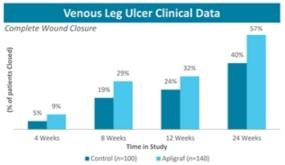
# Appendix

# Apligraf & Dermagraft – PMA-Approved Products for VLUs and DFUs



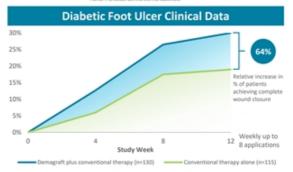
■ Products have ~15 years of clinical history







Organogenesis
Dermagraft



PMA approval positions products for private payor coverage and diversifies Company's revenue mix

# Robust Clinical Data Supporting Products: Advanced Wound Care

Product	Wound Type	Design	Completion Date	Estimated Data Presentation Date <sup>(4)</sup>
PuraPlyAM	Acute + Chronic	Prospective Single Center Controlled Evaluation (N=40)	Q4 2018	Publication Q1 2019
	Acute + Chronic	Prospective Single Center Controlled Prospective Evaluation (N=100)	Completed <sup>(2)</sup> Manuscript	Q1 2018 Q1 2020 publication
	Acute + Chronic	PuraPly AM RESPOND Registry - 30 Center Registry Evaluating Real- World Effectiveness of PPAM (N=307)	Q2 2019 <sup>(2)</sup>	Q4 2019 ACWHTR <sup>(5)</sup> Q2 2020 SAWC <sup>(6)</sup> Q2 2020 ISPOR <sup>(7)</sup>
	All Wounds	Comparative Effectiveness Analysis (CEA), NetHealth EMR Database of PPAM for Treatment of wounds (N=1,544)	Q3 2019 <sup>(3)</sup>	Q2 2020
	Diabetic Foot Ulcers (DFU)	Comparative Effectiveness Analysis (CEA), NetHealth EMR Database of PPAM vs. Grafix (N=806)	Q3 2019 <sup>(3)</sup>	Q2 2020
	DFU	Comparative Effectiveness Analysis (CEA), NetHealth EMR Database of PPAM vs. Theraskin (N=719)	Q3 2019 <sup>(3)</sup>	Q2 2020
	Pressure Ulcers (PU)	Prospective Multi-center Randomized Control Trial (RCT) PPAM vs. Standard of Care (SOC) (N=38)	Q4 2019 <sup>(2)</sup>	Q2 2020
	Venous Leg Ulcer (VLU)(1)	Prospective Multi-center RCT PPAM vs. SOC (N=200)	Q3 2022	Q1 2023
Affinity	DFU	Prospective Multicenter RCT, Affinity vs. SOC (N=100)	Q3 2019	Q4 2019 JCER (8)
	VLU	Prospective Study Evaluating Potential Changes in Wound Microenvironment (N=15)	Q3 2019	Q4 2019
	VLU or DFU <sup>(1)</sup>	Prospective Multicenter RCT, Affinity vs. SOC (N=200)	Q2 2022	Q4 2022
^	DFU	CEA, NetHealth EMR Database of Dermagraft vs. Primatrix (N=208)	Q3 2019 <sup>(3)</sup>	Q3 2019 WPM (9)
Dermagraft	DFU	CEA, NetHealth EMR Database of Dermagraft vs. Grafix (N=1,622)	Q3 2019 <sup>(3)</sup>	Q4 2019 JCER (8)
NuShield	DFU	Prospective Multicenter RCT, NuShield vs. SOC (N=200)	Q3 2020 <sup>(2)</sup>	Q1 2021

## Robust Clinical Data Supporting Products: Surgical & Sports Medicine

Product	Indication	Design	Completion Date(3)	Estimated Data Presentation Date <sup>(2)</sup>
organogenesis NuCel*	Lumbar Spine Vertebral Fusion	57 patient Prospective, Efficacy Study of NuCel in patients Undergoing Fusion for One, Two or Three Level Degenerative Disease of the Lumbar Spine	Q2 2020	Q3 2021
	Lumbar Spine Vertebral Fusion	200 patient Single-Arm Prospective, Multi- center study of NuCel in patients receiving interbody fusion for one and two level degenerative disease of the lumbar spine	Q4 2022	Q3 2023
organogenesis ReNu*	Hip Osteoarthritis	10 patient Pilot Study of ReNu Hip Injection: Monitoring the Response of Hip Function and Pain in patients with Osteoarthritis	Completed	Q1 2020
	Osteochondral Defect Repair	8 patient Evaluation of the ReNu Amniotic Suspension Allograft after Marrow Stimulation in the Treatment of Osteochondral Defects	Q2 2022	Q4 2022
	Plantar Fasciitis	150 patient Comparative study of injectable human amniotic allograft (ReNu) versus corticosteroids for Plantar Fasciitis: A Prospective, Randomized, Blinded Study	Q2 2021	Q2 2022
	Knee Osteoarthritis	200 patient Investigation of ReNu Knee Injection: Response of Knee Function and Pain in patients with Osteoarthritis	Q3 2018	Presented at AAOS <sup>(3)</sup> 2019 Q4 2019 J Knee Surgery

Investment enhances sales efforts and reimbursement dynamics

Notes:

Based on last patient last visit in the study.

2. Estimated date of first external presentation of primary data

### Non-GAAP Reconciliations - Adjusted EBITDA

	Ye	Year Ended December 3		
		2019	2018	
		(in thousand	1)	
Net loss attributable to Organogenesis Holdings Inc.	\$	(40,454)\$	(64,831)	
Interest expense, net		8,996	10,789	
Income tax expense (benefit)		150	84	
Depreciation		3,388	3,309	
Amortization		6,043	3,669	
EBITDA		(21,877)	(46,980)	
Stock-based compensation expense		936	1,075	
Change in contingent consideration forfeiture asset (1)		_	589	
Change in fair value of warrant liability (2)		_	469	
Write-off of deferred offering costs (3)		-	3,494	
Avista merger transaction costs (4)		_	3,072	
Loss on extinguishment of debt (5)		1,862	2,095	
Exchange offer transaction costs (6)		916	_	
Adjusted EBITDA	\$	(18,163)\$	(36,186)	

- (1) Amounts reflect the change in fair value of the common shares associated with the shares issued in connection with the acquisition of NuTech Medical that were forfeitable upon the occurrence of the FDA requiring approval of certain products acquired from NuTech Medical.
- (2) In connection with our 2016 Loans, we classified the warrants issued to purchase our common stock to the lenders, who are affiliates of ours, as a liability on our consolidated balance sheet. Amounts reflect the change in the fair value of the warrant liability.
- (3) Amount reflects a one-time write-off in the quarter ended June 30, 2018 of costs accumulated in connection with an abandoned public offering which was replaced with the Avista Merger transaction.
- (4) Amount reflects legal and professional fees incurred primarily in the second half of the year ended December 31, 2018 related directly to the Avista Merger which were expensed as incurred.
   (5) Amounts reflect the amount of loss recognized on the extinguishment of the Master Lease Agreement upon
- (5) Amounts reflect the amount of loss recognized on the extinguishment of the Master Lease Agreement upon repayment in 2019 and the amount of loss recognized on the repayment and conversion to equity of the affiliated debt in December 2018.
- (6) Amount reflects legal, advisory and other professional fees incurred in the quarter ended September 30, 2019 related directly to the warrant exchange transactions in Note "12. Stockholders' Equity" of the audited financial statements included in our Form 10-K for the fiscal year ended December 31, 2019.

# Non-GAAP Reconciliations - Adjusted EBITDA

	Three Months Ended June 30,				Six Months Ended June 30,		
		2020	2019	2020	2019		
		(in thou	isands)	(in thou	sands)		
Net loss	S	(5,166)	\$ (9,649)	\$ (21,479)	\$ (25,315)		
Interest expense, net		2,912	2,187	5,422	3,965		
Income tax expense		27	23	62	60		
Depreciation		891	859	1,793	1,761		
Amortization		816	1,499	1,633	2,997		
EBITDA		(520)	(5,081)	(12,569)	(16,532)		
Stock-based compensation expense		469	234	678	458		
Gain on settlement of deferred acquisition consideration (1)				(1,295)			
Loss on extinguishment of debt (2)			-	-	1,862		
Other costs and expenses (3)		325	-	568			
Adjusted EBITDA	S	274	S (4,847)	S (12,618)	S (14,212)		

<sup>(1)</sup> The amount reflects the gain recognized related to the settlement of the deferred acquisition consideration dispute with the sellers of NuTech

The amount reflects the loss recognized on the extinguishment of the Master Lease Agreement upon repayment.
 The amounts reflect other costs and expenses incurred not related to operations in the three and six months ended June 30, 2020.