UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

FORM 8-K

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

Date of Report (Date of earliest event reported): April 1, 2020

TELA Bio, Inc.

(Exact name of registrant as specified in its charter)

Delaware	**3841**	**45-5320061**
(State or other jurisdiction of incorporation or organization)	**(Primary Standard Industrial Classification Code Number)**	**(I.R.S. Employer Identification No.)**

1 Great Valley Parkway, Suite 24, Malvern, Pennsylvania	**19355**
(Address of principal executive offices)	**(Zip Code)**

Registrant's telephone number, including area code: (484) 320-2930

Not Applicable
(Former name or former address, if changed since last report)

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

Title of Each Class	**Trading Symbol**	**Name of Exchange on Which Registered**
Common Stock, par value $0.001 per share	**TELA**	**Nasdaq Global Market**

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

None

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (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).

Emerging growth company ☒

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 provided pursuant to Section 13(a) of the Exchange Act. ☐

Item 7.01 Regulation FD Disclosure.

On April 1, 2020, TELA Bio, Inc. (the "Company") updated information reflected in a corporate slide deck, which representatives of the Company will use in various meetings with investors from time to time. A copy of the presentation is attached hereto as Exhibit 99.1, and incorporated herein by reference.

The information furnished pursuant to Item 7.01, including Exhibit 99.1, shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section, and shall not be deemed to be incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as expressly set forth by specific reference in such filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

The following exhibits are being filed herewith:

Exhibit No.	Document
99.1	Corporate Slide Deck, dated April 1, 2020.

SIGNATURES

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

TELA BIO, INC.

By: /s/ Antony Koblish
Name: *Antony Koblish*
Title: *President, Chief Executive Officer and Director*

Date: April 1, 2020


TELA Bio:
Advancing Soft Tissue Reconstruction
April 2020

Forward Looking Statements

This presentation contains forward-looking statements within the meaning of The Private Securities Litigation Reform Act of 1995. All statements other than statements of historical facts contained in this document, including but not limited to statements regarding possible or assumed future results of operations, business strategies, development plans, regulatory activities, market opportunity competitive position, potential growth opportunities, and the effects of competition, are forward-looking statements. These statements involve known and unknown risks, uncertainties and other important factors that may cause TELA Bio, Inc.'s (the "Company") actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. In some cases, you can identify forward-looking statements by terms such as "may," "will," "should," "expect," "plan," "aim," "anticipate," "could," "intend," "target," "project," "contemplate," "believe," "estimate," "predict," "potential" or "continue" or the negative of these terms or other similar expressions. The forward-looking statements in this presentation are only predictions. The Company has based these forward-looking statements largely on its current expectations and projections about future events and financial trends that it believes may affect the Company's business, financial condition and results of operations. These forward-looking statements speak only as of the date of this presentation and are subject to a number of risks, uncertainties and assumptions, some of which cannot be predicted or quantified and some of which are beyond the Company's control, including, among others: the impact to the Company's business of the ongoing COVID-19 pandemic, including any impact on the Company's ability to market its products, demand for the Company's products due to deferral of procedures using the Company's products or disruption in the Company's supply chain, the Company's ability to achieve or sustain profitability, the Company's ability to gain market acceptance for the Company's products and to accurately forecast and meet customer demand, the Company's ability to compete successfully, the Company's ability to enhance the Company's product offerings, development and manufacturing problems, capacity constraints or delays in production of the Company's products, maintenance of coverage and adequate reimbursement for procedures using the Company's products, product defects or failures. These and other risks and uncertainties are described more fully in the "Risk Factors" section and elsewhere in the Company's filings with the Securities and Exchange Commission and available at www.sec.gov. You should not rely on these forward-looking statements as predictions of future events. The events and circumstances reflected in the Company's forward-looking statements may not be achieved or occur, and actual results could differ materially from those projected in the forward-looking statements. Moreover, the Company operates in a dynamic industry and economy. New risk factors and uncertainties may emerge from time to time, and it is not possible for management to predict all risk factors and uncertainties that the Company may face. Except as required by applicable law, we do not plan to publicly update or revise any forward-looking statements contained herein, whether as a result of any new information, future events, changed circumstances or otherwise.

TELA Bio Snapshot

*A commercial stage medical technology company marketing a new category of tissue reinforcement materials to address unmet needs in **soft tissue reconstruction***

- Differentiated portfolio of advanced reinforced tissue matrices addressing **hernia repair, abdominal wall reconstruction and plastic and reconstructive surgery**
- Headquartered: Malvern, Pennsylvania
- Founded: 2012

~$2B U.S Market Opportunity[1]

Innovative Products

Improve Clinical Outcomes

Reduce Overall Costs of Care

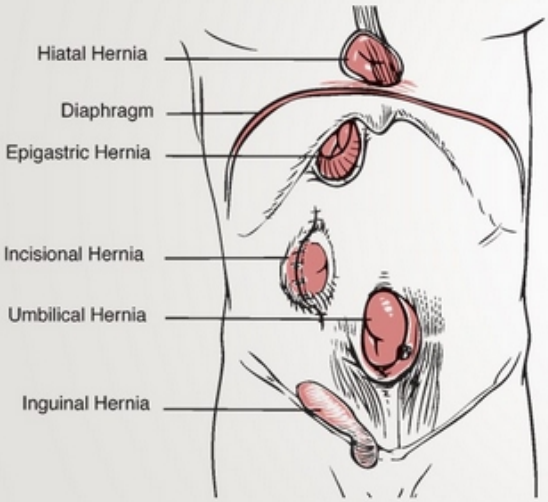
1. Management estimate. $2B total equals $1.5B hernia & abdominal wall reconstruction and $0.5B plastic reconstructive surgery.

OviTex: ~$1.5 Billion Annual U.S. Total Addressable Hernia Market Opportunity

Source: Millennium Research Group Reports, IMS Health Data

1) Management estimate. Market size based volume weighted average selling price for OviTex

Hernias Occur Throughout the Abdomen



What is a hernia?

- Occurs when an internal part of the body pushes through a weakness or hole in the muscle or surrounding tissue
  - Natural occurring weakness
  - Weakness from previous surgical incision
- Likelihood of developing a hernia increases with age & obesity

Treating a hernia

- Surgical repair of a hernia with a reinforcing material (mesh) is standard of care
- ~90% of hernia patients receive a mesh repair[1]
- Mesh intended to reinforce the defect and provide long-term support

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[1] Funk LM, Perry KA, Narula VK, Mikami DJ, Melvin WS. Current national practice patterns for inpatient management of ventral abdominal wall hernia in the United States. *Surg Endosc*. 2013;27(11):4104-4112.

Ventral Hernia: Complex Patient Population

Ventral Hernia Complexity

SIMPLE	MODERATE	COMPLEX
• CDC Wound Class I (clean) • Healthier patients - no co-morbidities • Primary hernia repair	• CDC Wound Class II (clean-contaminated) • Patient co-morbidities (i.e. obesity, diabetes, COPD) • May have prior hernia repair failure	• CDC Wound Class III (contaminated) & IV (infected) • Large defects • Infected synthetic mesh removals • Multiple prior hernia repair failures

Objective is to give patient the best repair the first time to prevent the simple patient from becoming the complex

Current Ventral Hernia Treatment Options: No Perfect Product

Limitations of Reconstruction Materials Used in Hernia Repair

PERMANENT SYNTHETIC MESH

- Persistent inflammatory response
- Encapsulation of implant
- Chronic post operative pain
- Scar tissue / lack of remodeling
- Mesh infections
- Significant costs of re-operation
- Organ erosion or perforation
- 6,000 related U.S. lawsuits
- **Danish Hernia Database: ~17% reintervention at five years[1]**

RESORBABLE SYNTHETIC MESH

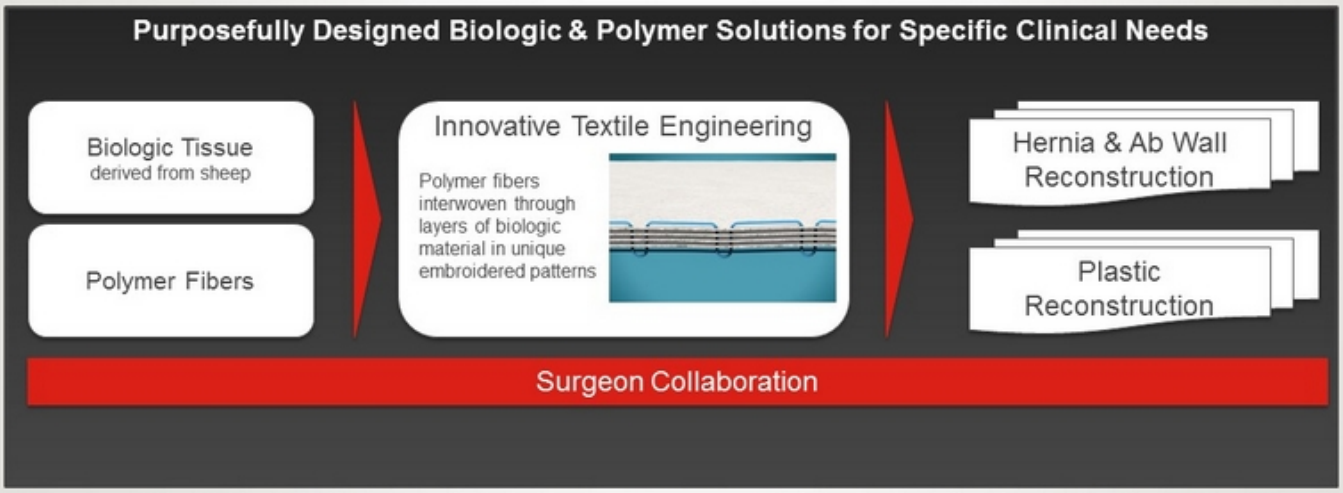
- Inflammatory response until absorbed
- Encapsulation of implant or until absorbed
- Scar tissue / lack of remodeling
- Mesh infection until resorbed
- Organ erosion or perforation
- Lack of mid-term and long-term reinforcement
- **Recurrence rate of 12% at 18-months follow-up[2]**

BIOLOGIC MATRICES

- Lack of strength or durability
- Prone to laxity and stretching
- Difficulty in surgeon handling
- Difficult using in robotic surgery / LAP
- High costs
- **RICH study: recurrence rates of 22% and 33% at 12-months and 24-months follow-up, respectively[3]**

1. Kokotovic, Bisgaard and Helgstrand, *Long-term Recurrence and Complications Associated With Elective Incisional Hernia Repair.* JAMA. 2016;316(15):1575-1582. doi:10.1001/jama.2016.15217 (on-line)
2. Roth, JS et. al, (2017) "Prospective evaluation of poly-4-hydroybutyrate mesh in CDC class I/high-risk ventral and incisional hernia repair: 18-month follow-up." Surgical Endoscopy.
3. Itani, KMF et. al, (2012) "Prospective study of single-stage repair of contaminated hernias using a biologic porcine tissue matrix: The RICH Study" Surgery

Our Solution: New Category of Tissue Reinforcement Materials



High Quality Biologic Material Drives Technology Platform

TELA maintains a definitive license agreement with Aroa BioSurgery for the use of ovine rumen

AROA

- Aroa has two issued patents protecting the use of ovine rumen for use as a source of extracellular matrix
- Exclusive license in North America and Europe for hernia repair, abdominal wall and breast reconstruction
- Ovine rumen is high quality biologic source material, sourced from New Zealand and subject to strict quality controls
  - Plentiful supply – ~27 million sheep in New Zealand
  - Low cost of goods
  - Homogenous, intact, minimally processed material – lends itself to be a good building block for fabrication into medical devices

TELA	Aroa BioSurgery
▪ Product development, commercial strategy & execution and clinical data generation ▪ Revenue sharing agreement based on net sales; **TELA retains 73% of net sales**	▪ Manufacturing and supply of product ▪ Aroa receives 27% of net sales

Our Solution: A New Category of Soft Tissue Reinforcement Materials

Improve Performance Over Existing Reconstruction Materials

- Designed in close collaboration with more than 100 surgeons
- Products designed with over 95% biologic material (<5% polymer/synthetic content)
- Benefits of both biologic materials and polymer materials
- Supports range of surgical techniques

Improved Biologic Response

- Reduced foreign body inflammatory response
- Improved outcomes of soft tissue reconstructions
- Enhanced remodeling of soft tissue and rate of healing

Lower Upfront Costs

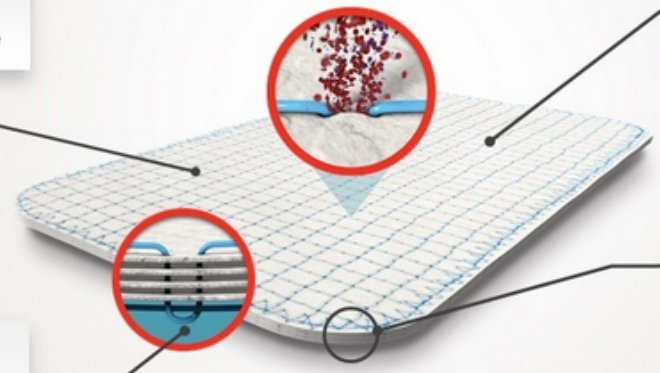
- Customers realize ~20% to 40% cost-savings over leading biologic materials and resorbable synthetic mesh
- Provides benefits of advanced biologic repair to more patients

OviTex: a New Approach to Soft Tissue Reconstruction for Hernia Repair and Abdominal Wall Reconstruction

An innovative reinforced tissue matrix designed to reduce stretch compared to biologic matrices and long-term complications experienced with resorbable and permanent synthetic meshes

Unique permeable design facilitates rapid fluid transfer and movement of cells through the device

Lockstitch embroidery pattern creates a ripstop effect and prevents unraveling when cut



Layers of biologic material enable functional tissue remodeling

Interwoven polymer for added strength and improved handling

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Comprehensive Portfolio for a Range of Hernia Types & Surgical Techniques

Each configuration is available with either permanent (polypropylene) polymer or resorbable (polyglycolic acid) polymer reinforcing the same biologic material.

CONFIGURATION

OviTex
4-layer device, not intended for intraperitoneal placement

Strength*: +
Common Procedures: Moderate ventral hernia (pre-peritoneal placement), inguinal hernia, hiatal hernia

OviTex 1S
6-layer device, with "smooth side" suitable for intraperitoneal placement

Strength*: ++
Common Procedures: Moderate to complex ventral hernia

OviTex 2S
8-layer device, with 2 "smooth sides" suitable for intraperitoneal placement

Strength*: +++
Common Procedures: Complex ventral hernia and abdominal wall reconstruction and can be used for bridging

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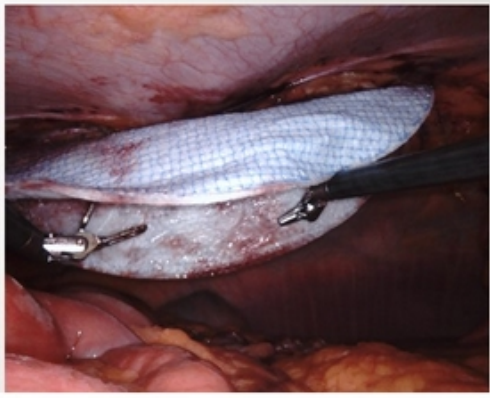
Images represent permanent polymer OviTex products. Resorbable polymer products have clear polymer.
* Biomechanical data on file.

OviTex LPR for Laparoscopic & Robotic-Assisted Repair

- OviTex LPR is specifically tailored for robotic-assisted hernia surgical repairs
  - Significant increase in robotic hernia repairs in last few years
  - Robotic-assisted hernia repair provides the benefits of laparoscopic repair
  - Designed for improved surgical handling, access, and primary closure of hernia
  - Designed for use with a trocar
- 4 total SKUs available, following commercial introduction of 3 additional SKUs in December 2019
- Products expected to be used most frequently in simple-moderate ventral hernia patients



Disruptive Technology Supported by a Compelling Body of Clinical Evidence

91 Adult Patient, Prospective, Single Arm, Multicenter BRAVO Study

- 0 (0%) hernia recurrence in first 20 patients at 24-months
- 1 (2%) hernia recurrence in first 57 patients at 12-months

More than 200 Non-Human Primates

- OviTex demonstrates more rapid tissue integration and revascularization compared to biologic matrices and lower inflammatory response and better functional tissue remodeling compared to permanent and resorbable synthetic mesh

12 clinical publications

- Strong clinical efficacy and low complication rates in range of hernias

Continue to build clinical evidence

- Additional BRAVO data over time
- Plan to initiate a post-market study of OviTex in robotic-assisted hernia repair surgery

Multiple Future Analyses of BRAVO Data Planned for 2020

BRAVO Study is fully enrolled (n=91) and characterizes OviTex performance in moderate-to-complex ventral hernia patients

Q1 2020	Q2 2020	Q3 2020	Q4 2020
• 20-patients at 24-months • 57-patients at 12-months • 84-patients at 3-months	• ~75 patients at 12-months		• ~50-patients at 24-months

- Primary focus is hernia recurrence rate at each time point
  - Additional information on surgical site occurrence rate will also be analyzed
- Study design allows for robotic, laparoscopic and open implantation of OviTex 1S, allowing for sub-analyses by surgical technique
- Data will be submitted to medical journals and for presentation at key medical conferences throughout the year

OviTex BRAVO Study Shows Low Recurrence Rate at 12 and 24-months

OviTex BRAVO Study

Product Name	Tissue Reinforcement Material	Hernia Recurrence Rate	Number of Hernia Recurrence	Number of Patients who Completed Follow-up	Follow-up Period in Months
OviTex	**Reinforced Tissue Matrix**	**2%**	**1**	**57**	**12**
OviTex	**Reinforced Tissue Matrix**	**0%**	**0**	**20**	**24**

Results from Post-Market Clinical Studies of Competitive Materials

Product Name	Tissue Reinforcement Material	Hernia Recurrence Rate[1]	Number of Hernia Recurrence[1]	Number of Patients who Completed Follow-up[1]	Follow-up Period in Months
Phasix	Resorbable Synthetic Mesh	5%	5	95	12
Phasix	Resorbable Synthetic Mesh	12%	11	95	18
Phasix	Resorbable Synthetic Mesh	23%	19	82	36
Strattice	Biologic Matrix	22%	15	69	12
Strattice	Biologic Matrix	33%	22	67	24

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1) Hernia Recurrence Rate based on number of hernia recurrences reported in patients who completed follow up and patients who reported recurrent hernia before the specified follow up period. Clinical literature and conference presentations included hernia recurrence rates based on number of hernia recurrences in patients who comprised the initial intent-to-treat population (including those who did not complete the follow up period and did not report a hernia recurrence).

We believe Plastic and Reconstructive Surgery Represents a Significant Market Opportunity

- Use of biologic matrices validated by growing clinical literature
- Biologics provide the following clinical benefits:
  - Ability to define shape and position
  - Soft tissue reinforcement
  - Improvement of tissue quality
  - Aids in defining the pocket and allows for more immediate tissue expansion
  - Reduced inflammatory response
- Existing biologics are costly, prone to excessive stretch over time, and difficult for surgeons to handle

~$500 Million Annual U.S. Market Opportunity

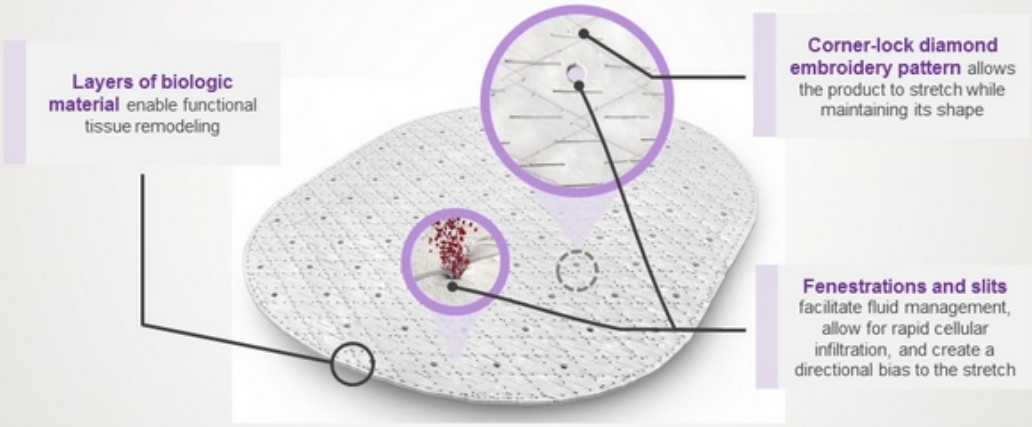
Uses

- Breast reconstruction
- Head and neck surgery
- Chest wall reconstruction
- Pelvic reconstruction
- Extremities reconstruction

Note: Management estimate. Market size based on sales of current biologics

OviTex PRS: Purposely Designed for Plastic and Reconstructive Surgery

An innovative reinforced tissue matrix designed to improve outcomes by facilitating fluid management and controlling degree and direction of stretch



510(k) cleared April 2019; limited launch ongoing with plans to expand launch in 1H 2020

Commercial Organization

Recognize need for integrated approach to account management to meet the needs of all stakeholders (surgeons, supply chain & OR / materials management)

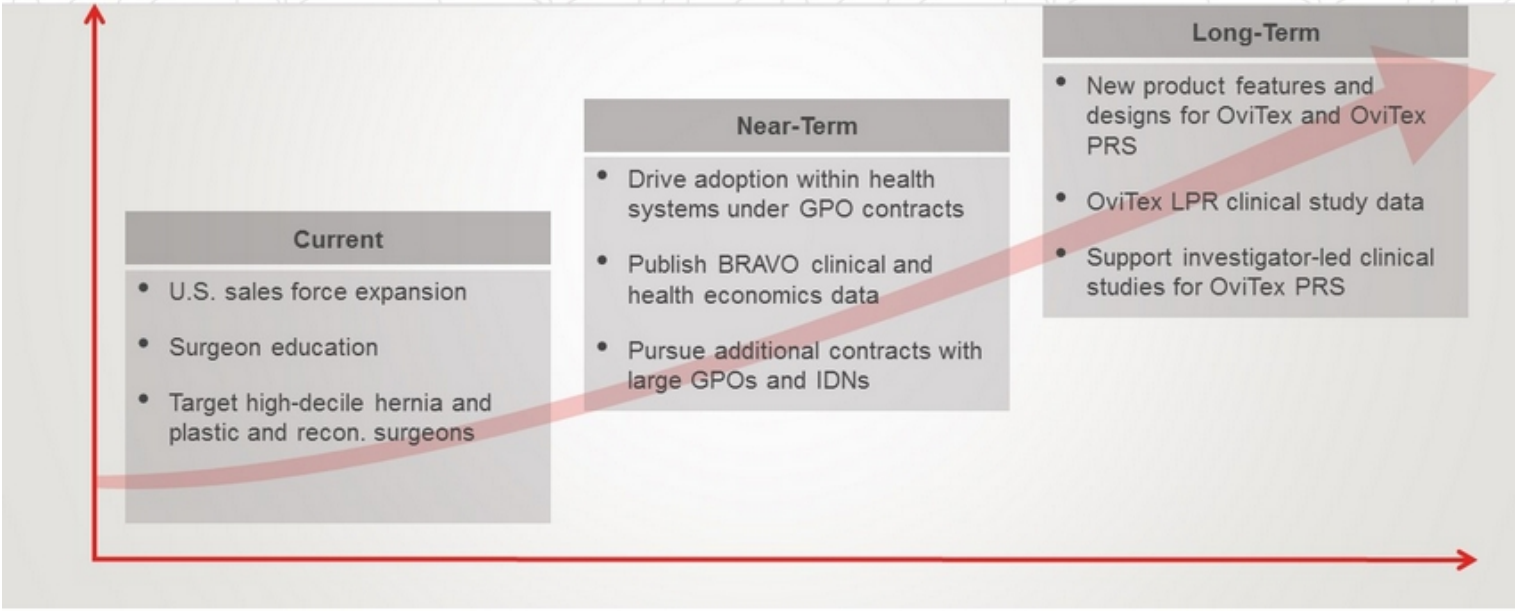
- Single direct sales effort calling on General, Plastic Recon, Colorectal & Trauma surgeons
- Supplement high volume territories with Associate Account Managers
- Model is scaled at a regional level, with span-of-control for Regional Managers at ~6-8 Account Managers

Focused on Driving Utilization within Accessed Accounts

- Contracts in place with multiple national and regional Group Purchasing Organizations (GPOs)
- Current GPO contracts provide access to ~1,900 hospitals across the U.S., estimated to perform over ~135,000 addressable soft tissue reconstruction procedures[1]
- Data-driven, targeted implementation strategy
- Account Manager hiring for new territories focused on areas with high concentrations of accessed accounts

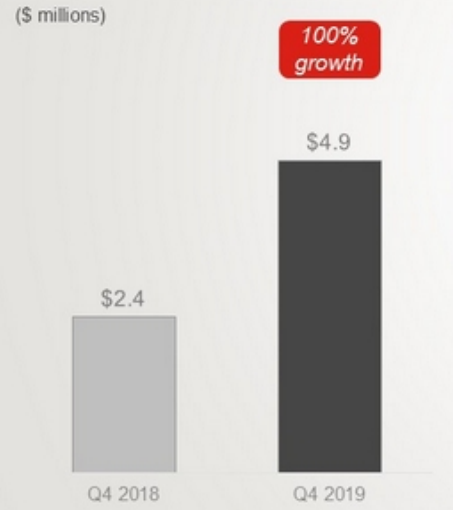
1. Data based on estimates from Definitive Healthcare and IQVIA Hospital Procedure and Diagnosis data.

Growth Strategy

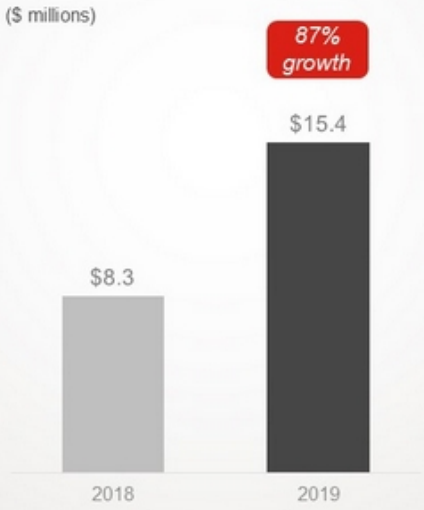


Historical Financial Summary

Quarterly Results



Annual Results



2019 Performance

- Revenue growth 87% YOY
- Gross Margin 60% vs. 36% for full year 2018
- Cash, cash equivalents & short-term investments: $54.6 million

Statement of Operations

	Three months Ended December 31		Twelve months Ended December 31	
	2019	**2018**	**2019**	**2018**
Revenue	$4.9	$2.4	$15.4	$8.3
Cost of revenue	1.8	1.3	5.9	4.5
Amortization of Intangible Assets	0.1	0.1	0.3	0.8
Gross profit	**$3.0**	**$1.0**	**$9.3**	**$2.9**
Gross margin	*61%*	*42%*	*60%*	*36%*
Operating expenses:				
Selling and Marketing	5.4	4.0	18.1	13.6
General and Administrative	2.5	1.5	6.2	4.9
Research and Development	0.9	1.0	4.2	4.3
Gain on litigation settlement	0.0	0.0	0.0	(2.2)
Total operating expenses	8.8	6.5	28.4	20.7
Loss from operations	**($5.8)**	**($5.5)**	**($19.2)**	**($17.8)**
Other (expense) income, net	(0.7)	(1.9)	(3.3)	(3.3)
Net loss	**($6.5)**	**($7.4)**	**($22.4)**	**($21.1)**

Investment Highlights

- Advanced reinforced tissue matrix portfolio supported by compelling clinical evidence
- Focused on ~$2.0 billion annual U.S. total addressable markets
- Well-defined high-decile surgeon customers targeted by growing direct sales force
- Long-term supply agreement that provides pricing flexibility—cost savings to healthcare systems
- Established DRG-based reimbursement pathway for hernia repair
- Recent product launches in growing categories: robotic hernia surgery + plastic and reconstructive surgery
- Broad intellectual property portfolio
- Industry leading executive team with proven track record