



2024 Investor Presentation



Disclaimer

Forward-Looking Statements

All statements, other than statements of historical facts, contained in this quarterly report, including statements regarding our business, operations and financial performance and condition, as well as our plans, objectives and expectations for our business, operations and financial performance and condition, are forward-looking statements. In some cases, you can identify forward-looking statements by terms such as “may,” “will,” “should,” “expect,” “plan,” “anticipate,” “could,” “intend,” “target,” “project,” “contemplates,” “believes,” “estimates,” “predicts,” “potential” or “continue” or the negative of these terms or other similar expressions. We have based these forward-looking statements largely on our current expectations and projections about future events and financial trends that we believe may affect our business, financial condition and results of operations. These forward looking statements speak only as of the date of this report. Forward-looking statements involve known and unknown risks, uncertainties and other factors, such as the impact of widespread health emergencies, such as COVID 19 and respiratory syncytial virus, that may cause our results, activity levels, performance or achievements to be materially different from the information expressed or implied by the forward-looking statements. Forward-looking statements may include, among other things, statements relating to: our ability to achieve or sustain profitability in the future; our ability to raise additional capital to fund our existing commercial operations, develop and commercialize new products and expand our operations; our ability to commercialize our products in development and to develop and commercialize additional products through our research and development efforts, and if we fail to do so we may be unable to compete effectively; our ability to generate sufficient revenue from the commercialization of our products to achieve and sustain profitability; our ability to comply with extensive government regulation and oversight both in the United States and abroad; our ability to maintain and expand our network of third-party independent sales agencies and distributors to market and distribute our products; and our ability to protect our intellectual property rights or if we are accused of infringing on the intellectual property rights of others; We cannot assure you that forward-looking statements will prove to be accurate, and you are encouraged not to place undue reliance on forward-looking statements. Actual results or events could differ materially from the plans, intentions and expectations expressed or implied by the forward-looking statements. You are urged to carefully review and consider the various disclosures made by us in our quarterly report, in our Annual Report on Form 10-K filed with the Securities and Exchange Commission (the “SEC”) on March 8, 2024, and in other reports filed with the SEC that discuss the risks and factors that may affect our business. Other than as required by law, we undertake no obligation to update or revise any forward-looking statements to reflect new information, events or circumstances occurring after the date of this quarterly report.

Use of Non-GAAP Financial Measures

This press release includes certain non-GAAP financial measures such as adjusted diluted loss (earnings) per share and Adjusted EBITDA, which differ from financial measures calculated in accordance with U.S. generally accepted accounting principles (“GAAP”). Adjusted loss (earnings) per share in this press release represents diluted loss (earnings) per share on a GAAP basis, plus the accreted interest attributable to acquisition installment payables, the fair value adjustment of contingent consideration, trademark impairment, acquisition related costs, non-recurring Pega conversion fees, and minimum purchase commitment costs. The fair value adjustment of contingent consideration is associated with our estimates of the value of earn-outs in connection with certain acquisitions. We believe that providing the non-GAAP diluted loss (earnings) per share excluding these expenses, as well as the GAAP measures, assists our investors because such expenses are not reflective of our ongoing operating results. Adjusted EBITDA in this release represents net loss, plus interest expense, net plus other expense, provision for income taxes (benefit), depreciation and amortization, trademark impairment, stock-based compensation expense, fair value adjustment of contingent consideration, acquisition related costs, nonrecurring Pega conversion fees, and the cost of minimum purchase commitments. The Company believes the non-GAAP measures provided in this earnings release enable it to further and more consistently analyze the period-to-period financial performance of its core business operating performance. Management uses these metrics as a measure of the Company’s operating performance and for planning purposes, including financial projections. The Company believes these measures are useful to investors as supplemental information because they are frequently used by analysts, investors and other interested parties to evaluate companies in its industry. Adjusted EBITDA is a non-GAAP financial measure and should not be considered as an alternative to, or superior to, net income or loss as a measure of financial performance or cash flows from operations as a measure of liquidity, or any other performance measure derived in accordance with GAAP, and it should not be construed to imply that the Company’s future results will be unaffected by unusual or non-recurring items. In addition, the measure is not intended to be a measure of free cash flow for management’s discretionary use, as it does not reflect certain cash requirements such as debt service requirements, capital expenditures and other cash costs that may recur in the future. Adjusted EBITDA contains certain other limitations, including the failure to reflect our cash expenditures, cash requirements for working capital needs and other potential cash requirements. In evaluating these non-GAAP measures, you should be aware that in the future the Company may incur expenses that are the same or similar to some of the adjustments in this presentation. The Company’s presentation of non-GAAP diluted loss (earnings) per share or Adjusted EBITDA should not be construed to imply that its future results will be unaffected by any such adjustments. Management compensates for these limitations by primarily relying on the Company’s GAAP results in addition to using these adjusted measures on a supplemental basis. The Company’s definition of these measures is not necessarily comparable to other similarly titled captions of other companies due to different methods of calculation. The schedules below contain reconciliations of reported GAAP diluted loss (earnings) per share to non-GAAP diluted loss (earnings) and net loss to non-GAAP Adjusted EBITDA.



OrthoPediatrics was founded on the **cause** of impacting the lives of children with orthopedic conditions

+ 1,000,000

pediatric patients treated since inception¹

Re-Purposed Adult Plate

Screws through growth plate



- 01 Children's **unique clinical conditions**
- 02 Existing solutions are **re-purposed from adult implants**
- 03 Limited development of **new technologies**
- 04 No **specialized sales force** in Pediatric Orthopedics
- 05 Limited industry support of clinical **education**

PediLoc Femur

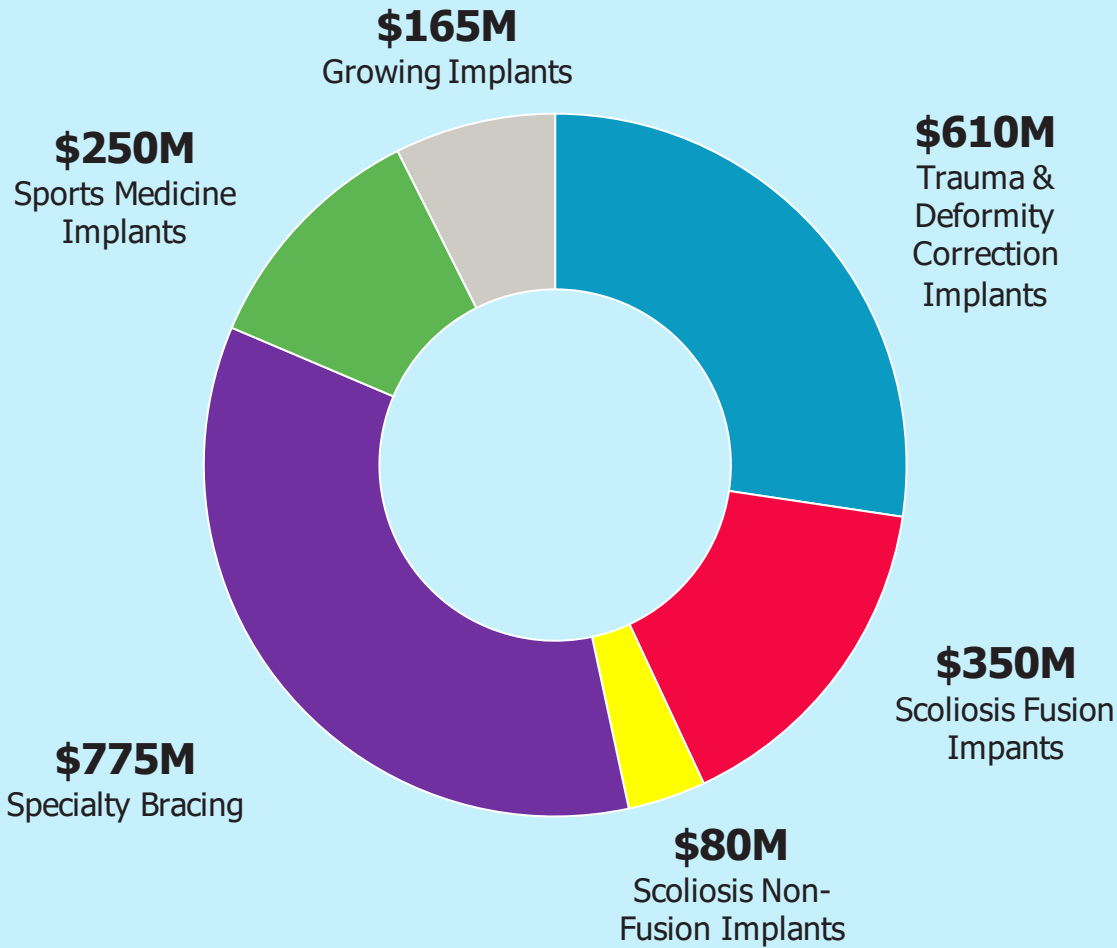
Screws parallel to growth plate



- 01 **Product development focused** exclusively on pediatric patients
- 02 **Broadest pediatric specific portfolio** in the industry
- 03 Delivering first in market **novel surgical solutions**
- 04 Only global **commercial channel to market**
- 05 Leading provider of surgeon **clinical education**

- ✓ Enhance surgeon confidence
- ✓ Increase surgical efficiency
- ✓ Improve surgical accuracy

U.S. Addressable Market¹ — \$2.2B



Competitive Dynamics

- 01 Large incumbents repurpose adult implants
- 02 Require specialized sales force
- 03 Lack of focus on pediatric conditions



¹ Management's Estimate as of January 2024 updates to IMS data from 2016



Innovative Technology

71 unique pediatric systems

Consistent **cadence** of innovative product launches

Expanding suite of **enabling** technologies

Internal **R&D**, acquisitions, and partnerships



Commercial Execution

Only global sales & distribution channel

Serve **100% of top children's hospitals** in the U.S.

~**200** domestic field representatives

Sell in **over 70** countries around the world



Clinical Education

Commitment to clinical education

Leading **sponsor** of critical pediatric medical societies

>**300** clinical product/education events per year

Founder of Foundation of Advancing Pediatric Orthopedics

**Consistent
20%+
Growth
Since Inception¹**

01



Laser focus on high-volume Children's Hospitals that treat majority of pediatric patients

02



Provide a **broad product portfolio** uniquely designed to treat children, surround pediatric orthopedic surgeons covering their needs

03



Deploy instrument sets and provide unparalleled sales support

04



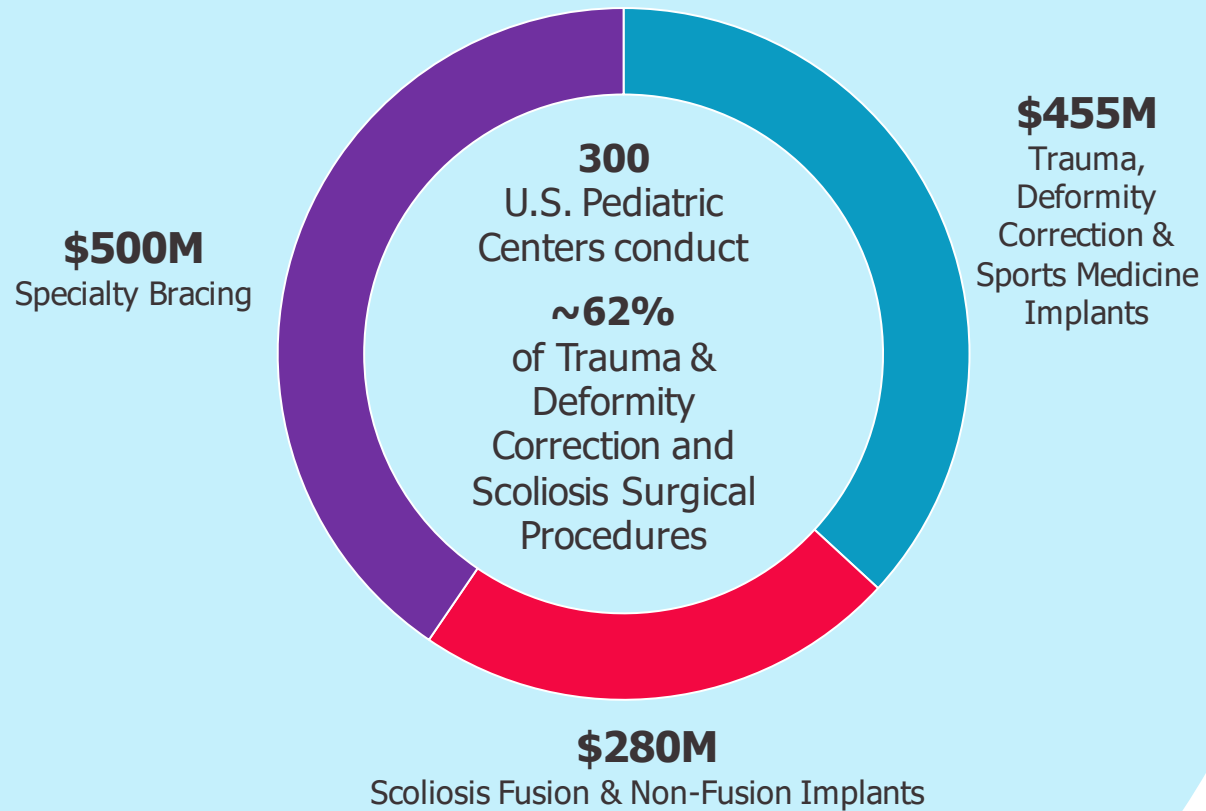
Expand addressable market through aggressive investment in **R&D and select M&A opportunities**

05



Train next generation of pediatric orthopedic surgeons

U.S. Current Target Market¹ — \$1.2B



Comments

- 01 ~1,520 Fellowship Trained Pediatric Surgeons
- 02 Majority of Pediatric Centers are Teaching Hospitals
- 03 Centers Treat Most Complex Pediatric Conditions
- 04 ~80% of Pediatric Surgeons time is Non-Surgical



**Cannulated
Screws**

2008



PediPlate
Physseal
Tethering

2009



PediNail
System

2012



Hip Systems
LCB / LPF

2013



ACL
System

2014



Response
5.5/6.0mm
Fusion System

2015



BandLoc
5.5/6.0mm
Banding

2016



**Clavicle
Plating**
System

2017

Spica Table



PediLoc Femur



PediFlex



Locking
Proximal
Femur
LPF Plate



PediLoc
Tibia



PAO



PediFrag



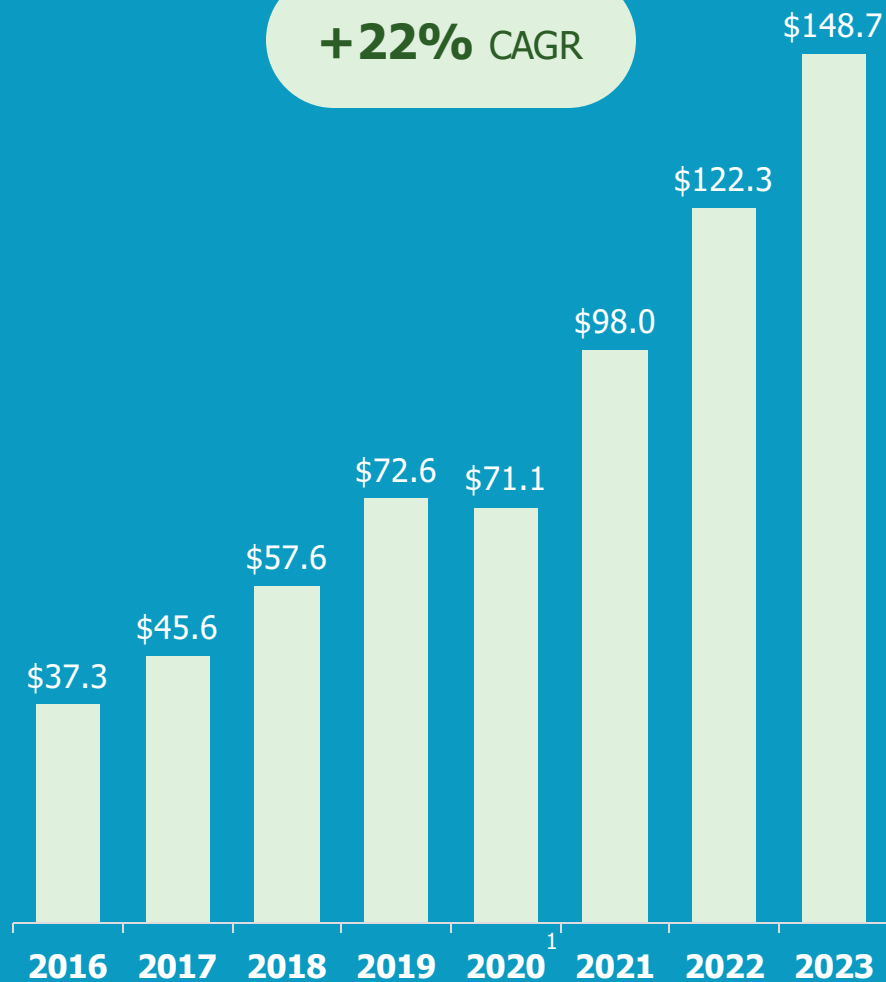
Distal
Femoral
Osteotomy
System
DFOS



03 Expand Instr. Sets & Sales Personnel

Total Revenue (\$M)

+22% CAGR



Accelerating Sales Growth Post-IPO Through Strategic Investment and Innovation

	2016	2023	CAGR
U.S. Independent Sales Consultants	90	205	13%
Instrument Set Deployments	\$7M	\$22M	18%
Unique Pediatric Systems	17	71	23%
Intl. Independent Sales Agencies	0	14	Fav



Accelerate Revenue Growth



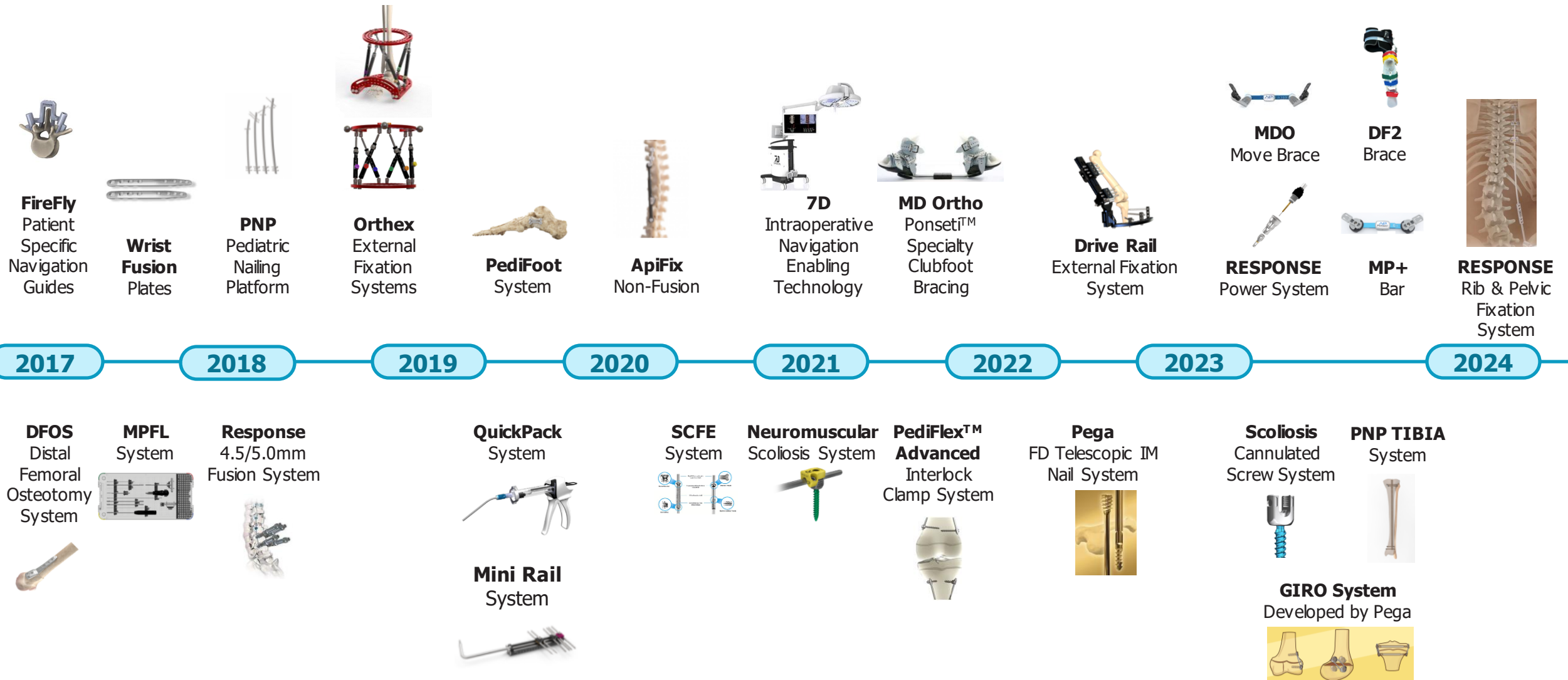
Increase Hospital Penetration

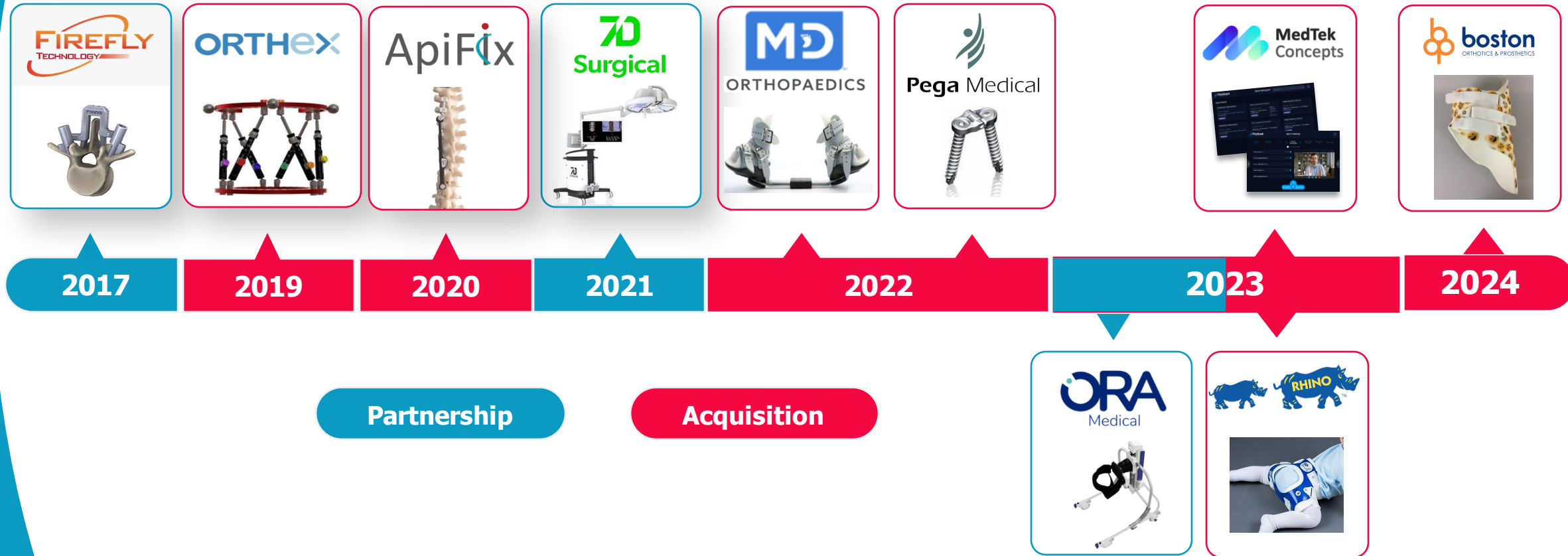


Improve Profitability



Leverage Balance Sheet





Boston Orthotics & Prosthetics

- Pioneered the original patient-specific, custom **Boston Scoliosis Brace**
- Currently has **5 disease state focuses** with **17 different product offerings**
- **Custom manufacturing** and fabrication center based outside of Boston, MA
- Newly established **headquarters** for the OrthoPediatrics Specialty Bracing (OPSB) division
- Owns and operates **26 pediatric / adolescent focused O&P clinics** (w/CPOs) in 10 states, mainly New England area

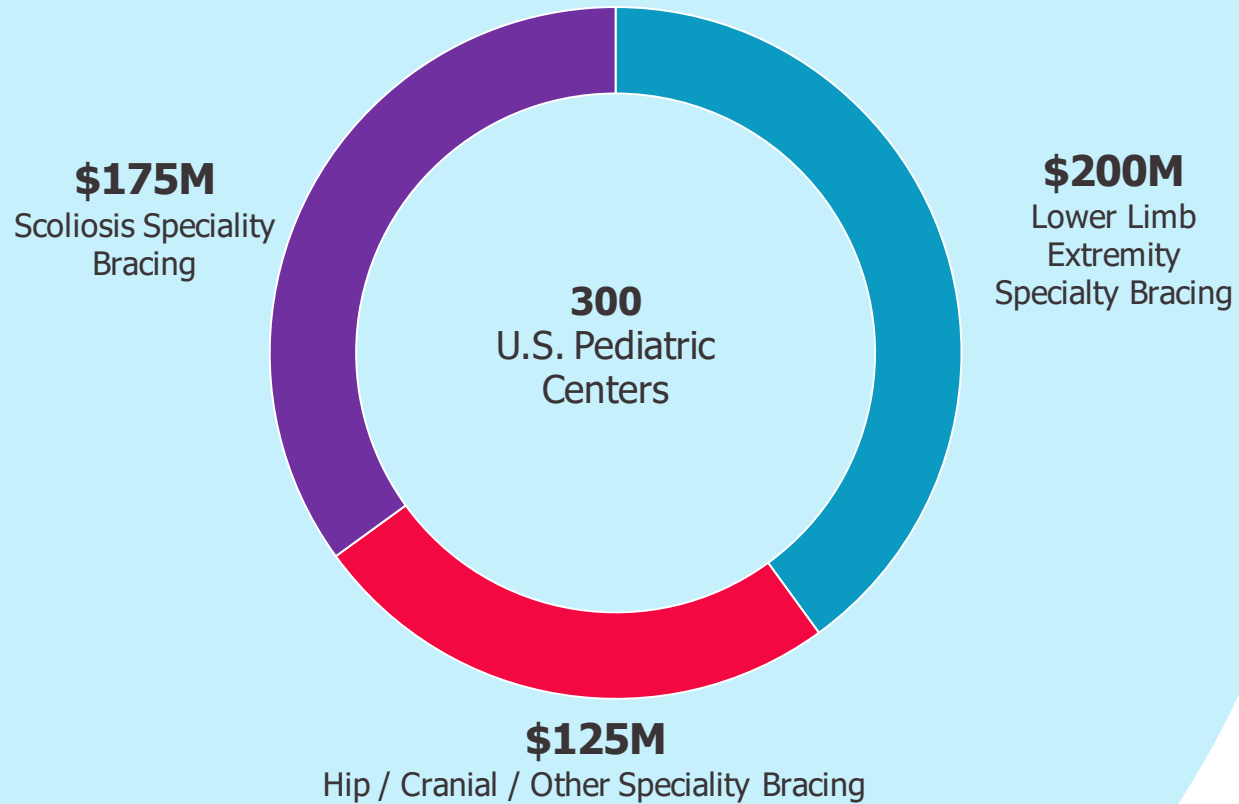
Terms:

- Closed January 5, 2024
- \$22M Cash

State-of-the-Art Products - - That Better Each Patient's Life



U.S. Specialty Bracing Market ¹ — \$0.5B



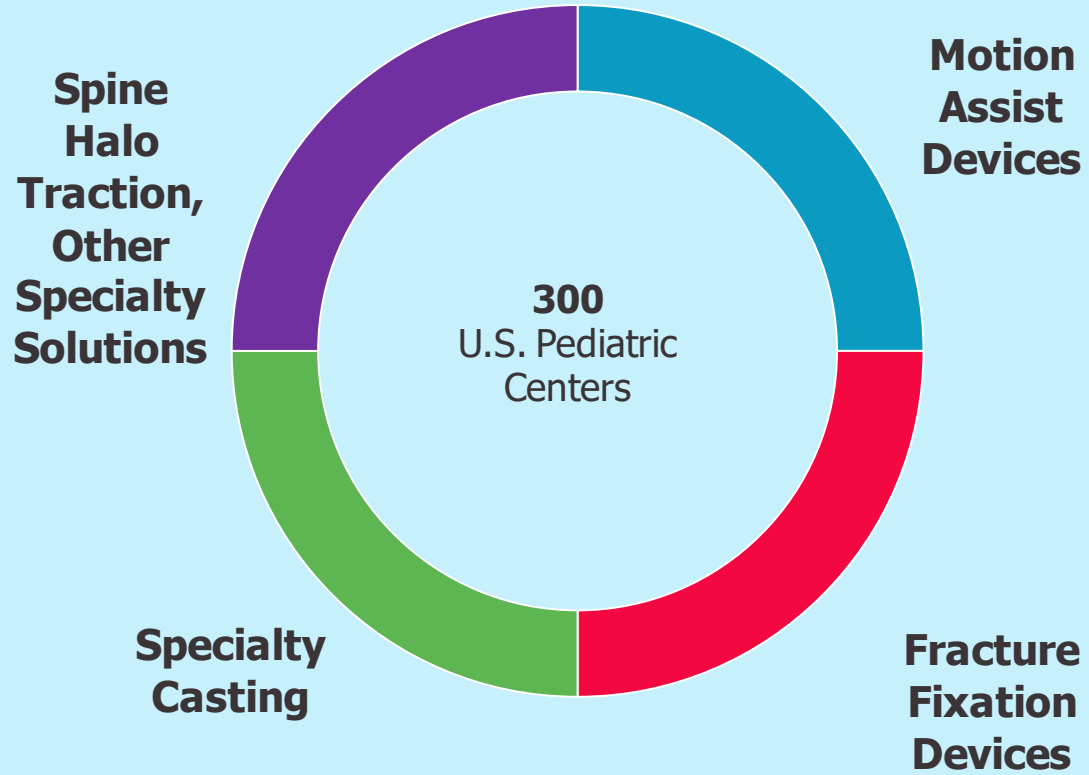
Current Global Target Market – \$1.1B



Comments

- 01 ~80% of Pediatric Surgeons Time is Non-Surgical
- 02 Same Surgeons Who Use OP Surgical Products
- 03 Relationship with OP Sales Channel
- 04 Surrounds the Surgeon with all the Products They Need

U.S. Potential Target Market ¹ — \$1.0B



Potential Global Target Market – \$2.2B



**Levity Device
for Gait Assist**



**Dynamic Femur
Fracture (DF2)
Brace**

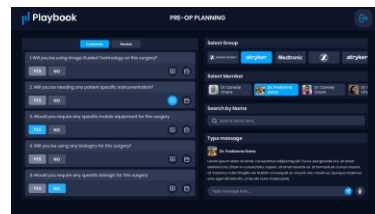
PLAYBOOK

Workflow & Care Optimization for the OR

Better care requires improved planning, communication & support to deliver reproducible outcomes

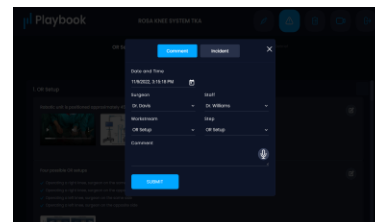
DYNAMIC PRE-OP PLANNING

offers coordination and communication across CPD, Rep and Care Team



REAL-TIME SURGEON PREF CARD UPDATES

with notifications to drive accountability for changes

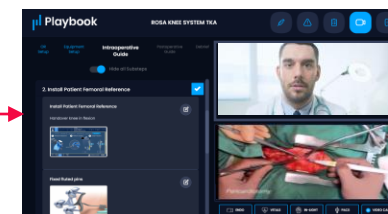


DIGITAL WORK INSTRUCTIONS

define best practices for each user's role throughout the entire surgical procedure



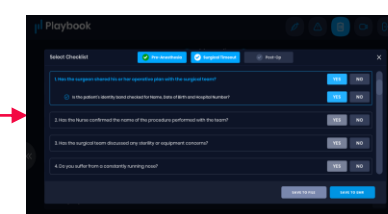
INTERACTIVE LIVE SURGERY VIEW for remote support, education and training



DATA ANALYTICS
Surgical Debrief provides real-time PERFORMANCE VISUALIZATION metrics



QUALITY CHECKLISTS are initiated based on surgery phase and step completion



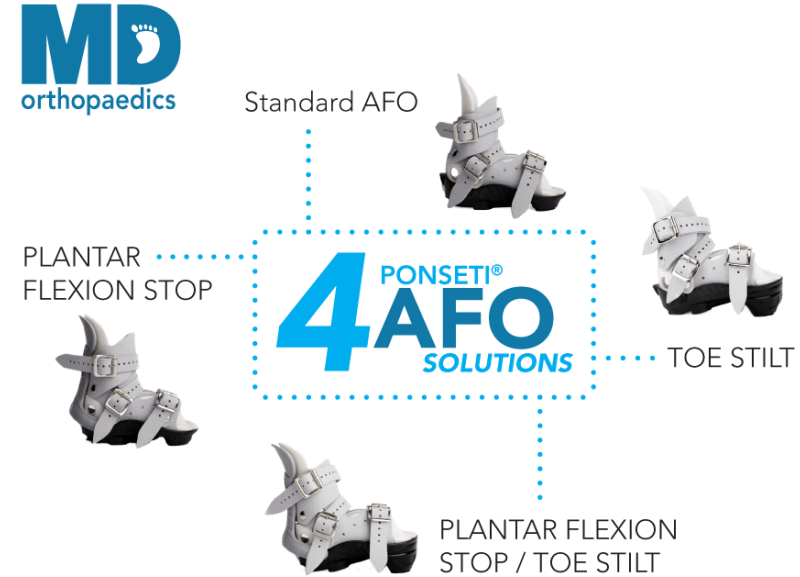
MD Orthopaedics

- Develops, manufactures and sells the patented Mitchell Ponseti Ankle-Foot Orthosis (AFO) to treat clubfoot
- Dr. Ignacio Ponseti developed the gold standard for treating clubfoot which has >90% success rate
- Casting is used from 0-3mos then bracing from 3mos–4 years. Requires multiple sizes as child grows creating repeat revenue.
- Products sold in 90 countries including e-commerce platform direct to consumers
- Approximately 80% of a pediatric surgeon's treatment time is non-surgical
- Creates a profitable platform business for OP to develop and manufacture best-in-class specialty bracing with speed to market (class 1 device) as well as no consignment inventory required to grow the business

Terms:

- Closed April 1, 2022
- \$8.2M cash, \$8.9M shares, \$2.5M RSA

Acquired Innovative Technologies



Pega Medical

- Developed the Fassier-Duval Telescopic Intramedullary Nail System (FD Nail)
- FD Nail is cutting-edge implant designed to treat bone deformities in children with Osteogenesis Imperfecta without disrupting their normal growth
- Pega offers 7 products in total, 6 of which focus on limb deformity correction, and 1 trauma
- Products sold in 70 countries
- Approximately 35,000 children suffer from Osteogenesis Imperfecta in the U.S.

Terms:

- Closed July 5, 2022
- \$31M cash, \$2M stock



Pega Medical

Fassier-Duval



Telescopic IM System™

The Fassier-Duval
Telescopic IM
System™

The nail that grows
with your patient!



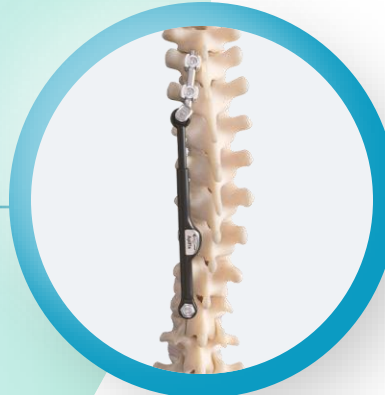
Orthex

- Disruptive software complements ex-fix frame
- Expands addressable market
- Serve 85% of procedures, up from 65%
- Significantly simplifies surgical planning and alignment
- Enables participation in most complex surgeries



ApiFix

- Disruptive non-fusion technology
- Viable alternative to failed bracing & spinal fusion
- Posterior, minimally invasive approach
- Motion preserving capabilities
- Granted FDA HDE approval

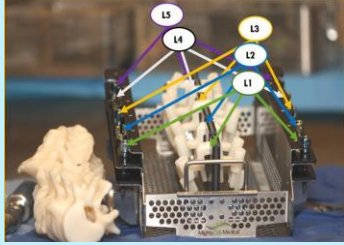


Acquired Innovative Technologies

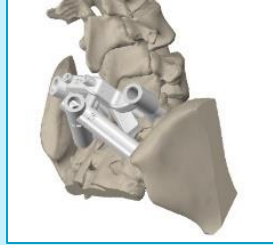
- ✓ Acquired software-based and non-fusion technologies
- ✓ Significant sales synergies with legacy portfolio
- ✓ Expands critical KOL network
- ✓ Provides surgeons broadest product portfolio



FIREFLY® Pedicle Screw Navigation Guides



FireFly S2/Alar



Unique patient specific 3D printed bone models and drill guides, can be used with any Spinal Deformity Correction system.

- 99.7% screw placement accuracy
- Preoperative concierge surgical planning drives intraoperative efficiency
- Minimal intraoperative radiation
- Simplifies S2AI approach

7D Surgical Intraoperative Navigation



Eliminates Radiation exposure to staff & patients



Cuts Registration from 30 min to < 30 sec



Improves Accuracy to improve surgical outcomes



Reduces Costs & improve hospital economic value

Chris Comstock, MD & Eric Wait, MD

Driscoll Children's Hospital

First Pediatric Deformity Installation in US



“

I have noticed we are seeing **shorter stays** for our patients with complex spinal surgeries since we have started using the 7D technology. **It used to be children would stay 3-5 days at Driscoll following surgery. Now what we are seeing is most of them are going home after 3 days.** And that is better for kids and their families

What we are seeing with this technology is surgeries which might have **taken up to 5-6 hours are often being reduced to 3.5 hours**”

Dr. Eric Wait

Driscoll Children's Hospital

“As a surgeon educator, I have always appreciated and valued OrthoPediatrics’ commitment to education.

Ryan Goodwin, MD, MBA, FAOA
The Cleveland Clinic

”



01

OP Hands-on sales training and support

- Annually invests 3% of sales on clinical education
- Conducts >300 product/training sessions per year

02

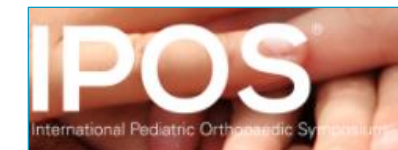
Market development

- Fosters early relationships with young surgeons and fellows to drive sustainable growth

03

Continuous education

- Major Sponsor of the prominent pediatric orthopedic societies



T&D

- Expanding intramedullary nailing portfolio
- Expanding of external fixation portfolio
- Expanding specialty bracing portfolio
- Solutions for rare bone disease

Scoliosis

- Advancing non-fusion treatment
- Early-onset scoliosis innovations
- Innovation in highly-complex fusion
 - Manual growing, rib based, etc.
- Custom Scoliosis Bracing

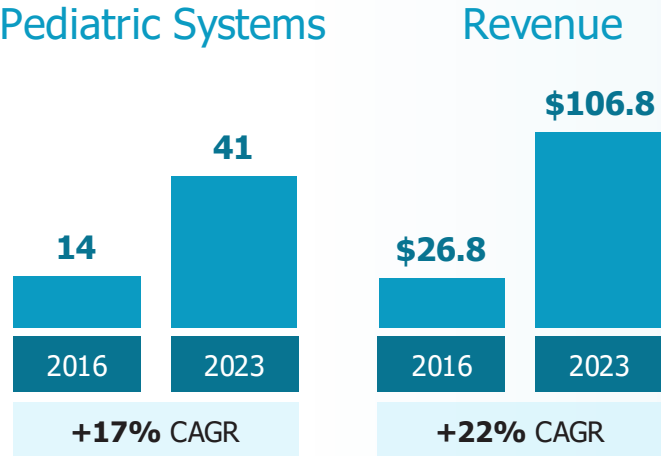
Enabling Technologies

- Orthex surgical software
- Firefly patient-specific planning/guides
- 7D spinal interoperative navigation
- PediPortal app
- Medtech Concepts – Acquired May 1, 2023

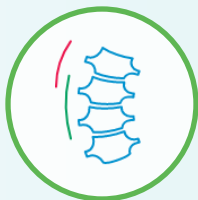




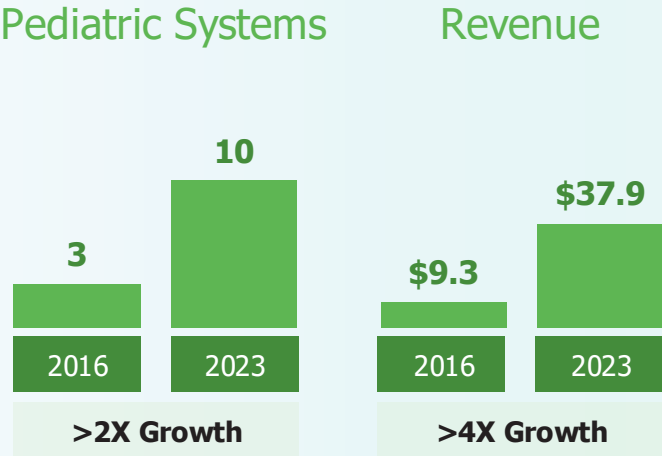
Trauma & Deformity



72% of Revenue



Scoliosis



25% of Revenue

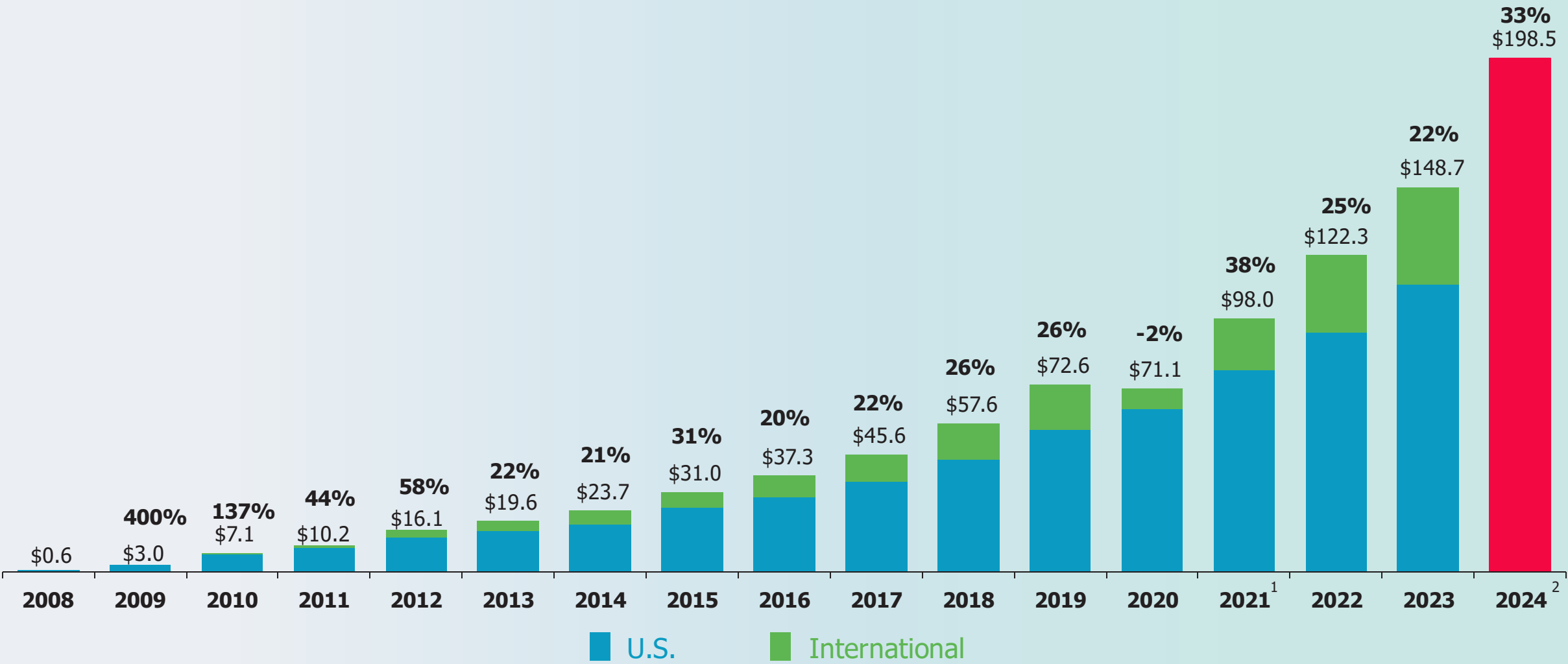


2023 Revenue by Product Family



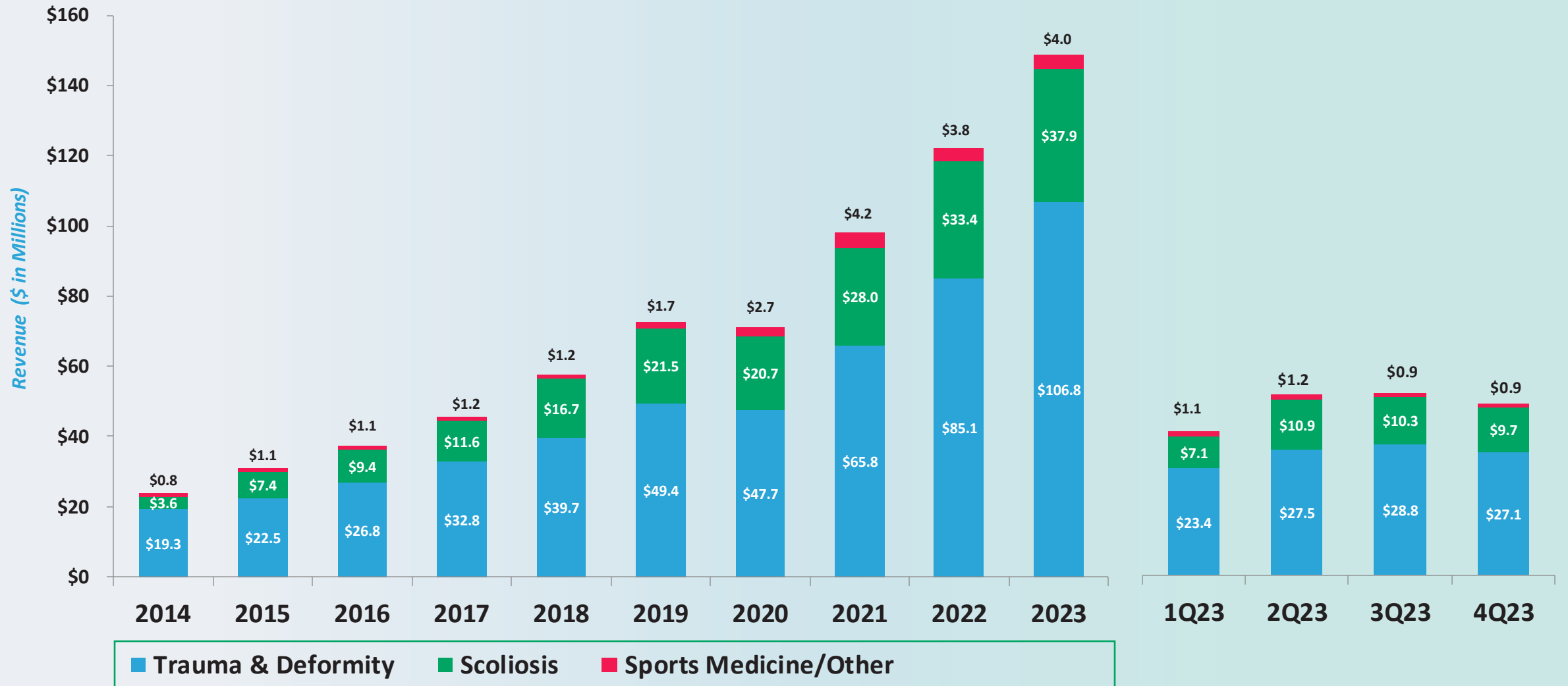
- Trauma & Deformity
- Scoliosis
- Sports Medicine

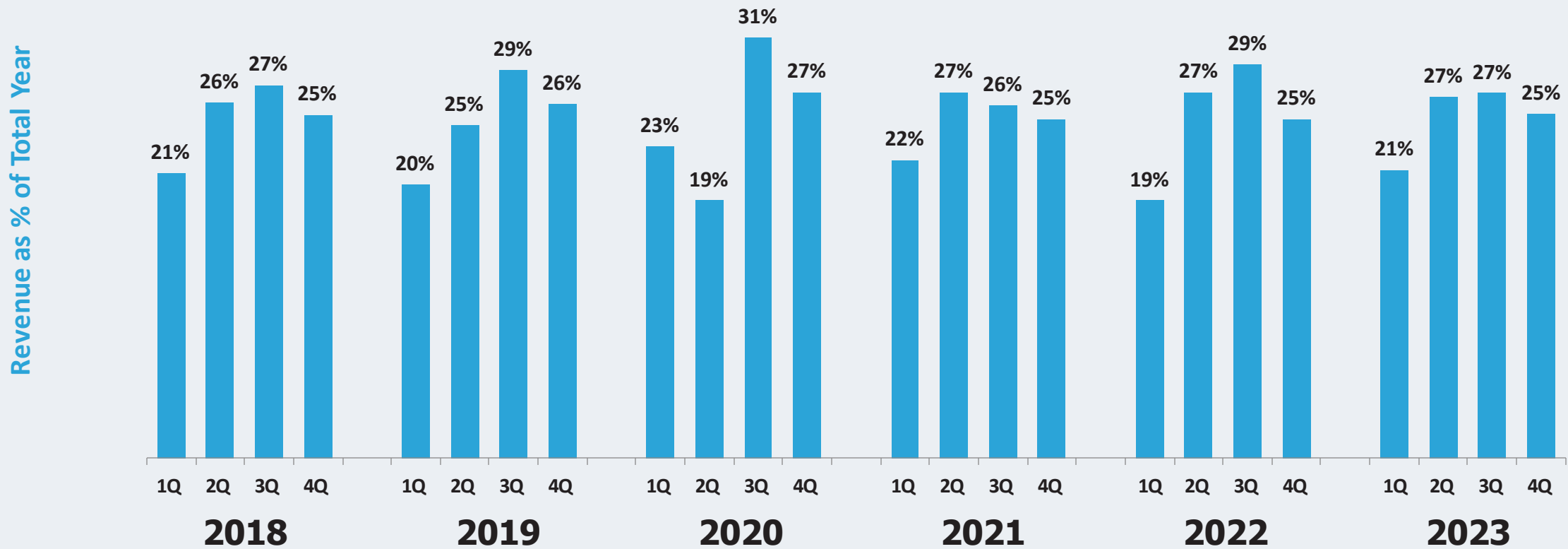
Strong History of Y/Y Growth (\$M)



¹ Impacted by COVID ² Represents the midpoint of the Company's 2024 revenue guidance range of \$197 to \$200 million

Category Revenue Summary



Seasonality Drives Stronger Performance in Summer Months and Holiday Periods

(\$ in Millions)

Income Statement Summary

	FY 2021	FY2022	FY2023
Revenue	\$98.0	\$122.3	\$148.7
Growth %	38%	25%	22%
Gross profit	\$73.4	\$90.7	\$111.3
Margin %	75%	74%	75%
Operating expenses	\$91.4	\$116.1	\$138.0
Operating loss	(\$18.0)	(\$25.4)	(\$26.8)
Net (loss) income	(\$16.2)	\$1.3	(\$21.0)
EPS diluted	(\$0.84)	\$0.06	(\$0.92)

4Q 2022	4Q 2023
\$31.0	\$37.6
25%	21%
\$21.2	\$26.7
69%	71%
\$29.5	\$34.8
(\$8.3)	(\$8.1)
(\$7.8)	(\$6.7)
(\$0.35)	(\$0.29)

(\$ in Millions)

	Three Months Ended December 31,	
Product Sales by geography	2022	2023
U.S.	\$22.7	\$28.3
International	8.3	9.3
Total Revenue	\$31.0	\$37.6

	Three Months Ended December 31,	
Product Sales by category	2022	2023
Trauma and deformity	\$22.1	\$27.1
Scoliosis	8.0	9.6
Sports medicine/other	0.9	0.9
Total Revenue	\$31.0	\$37.6

Revenue By Geography and Product Category

	Twelve Months Ended December 31,	
Product Sales by geography	2022	2023
U.S.	\$92.4	\$111.0
International	29.9	37.7
Total Revenue	\$122.3	\$148.7

	Twelve Months Ended December 31,	
Product Sales by category	2022	2023
Trauma and deformity	\$85.1	\$106.8
Scoliosis	33.4	37.9
Sports medicine/other	3.8	4.0
Total Revenue	\$122.3	\$148.7

(\$ in Millions)

	Three Months Ended December 31,	
	2022	2023
Net (loss) income	(\$7.8)	(\$6.7)
Interest (income) expense, net	(0.1)	(0.3)
Other (income) expense	0.1	(0.9)
Provision for income taxes (benefit)	0.0	(0.2)
Depreciation and amortization	3.8	5.5
Stock-based compensation	1.6	2.5
Trademark impairment	-	-
Fair value adjustment of contingent consideration	(0.5)	0.0
Acquisition related costs	-	0.5
Nonrecurring Pega conversion fees	-	-
Minimum purchase commitment cost	0.7	0.9
Adjusted EBITDA	(\$2.2)	\$1.3

Adjusted EBITDA Reconciliation

Twelve Months Ended December 31,	
2022	2023
\$1.3	(\$21.0)
2.4	(0.2)
1.8	(2.3)
(4.9)	(0.3)
13.4	17.4
6.7	10.5
3.6	1.0
(25.9)	(3.0)
0.8	0.7
-	0.3
1.1	2.0
\$0.2	\$5.0

	Three Months Ended December 31,		Twelve Months Ended December 31,	
	2022	2023	2022	2023
Loss (income) per share, diluted (GAAP)	(\$0.35)	(\$0.29)	\$0.06	(\$0.92)
Accretion of interest attributable to acquisition installment payable	0.02	0.01	0.11	0.05
Fair value adjustment of contingent consideration	(0.02)	-	(1.25)	(0.13)
Trademark impairment	-	-	0.17	0.04
Acquisition related costs	-	0.02	0.04	0.03
Nonrecurring Pega conversion fees	-	-	-	0.01
Minimum purchase commitment cost	0.03	0.04	0.05	0.09
Adjusted loss per share, diluted (non-GAAP)	(\$0.32)	(\$0.22)	(\$0.82)	(\$0.83)

(\$ in Millions)
As of December 31, 2023

Assets	
Cash, cash equivalents & short-term investments	\$82.3
Account receivable	34.6
Inventory (net)	105.8
Other current assets	3.8
Total Current Assets	226.5
PP&E (net)	41.0
Intangibles and goodwill	171.2
Total Assets	\$438.7

Liabilities	
Accounts payable	\$12.6
Debt	10.0
Accrued comp. & other liab.	25.3
Acquisition pay. & cont. consideration	13.7
Paid-in capital	580.3
Accumulated deficit (net)	(197.7)
Accumulated other comprehensive loss	(5.5)
Total Liabilities / Equity	\$438.7

2024 Guidance

	FY2024
Revenue	\$197.0 to \$200.0
Adjusted EBITDA	\$8.0 to \$9.0

Assumptions

	FY2024
2024 Total Revenue Growth %	32% to 34%
Set Deployment	<\$20.0



- 01 Only diversified company focused exclusively on pediatric orthopedics
- 02 Large, underpenetrated market opportunity in pediatrics
- 03 Highly concentrated customer base with targeted commercial strategy
- 04 Broad product portfolio with innovative solutions
- 05 Only provider committed to pediatric clinical education
- 06 Dynamic, award-winning corporate culture
- 07 Proven commercial execution and attractive financial profile

