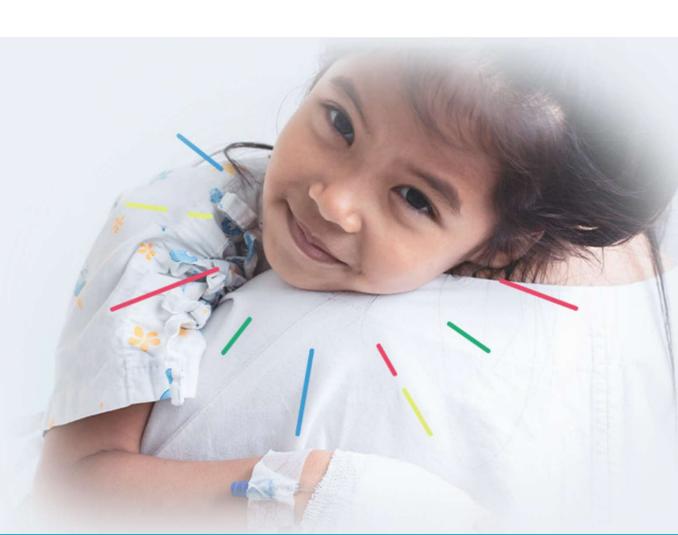


Investor Day

September 12, 2024





> 1,000,000 Kids Helped

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, 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 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 generate sufficient revenue from the 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 intellectual property rights of others; We cannot assure you and abitribute 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 will prove to be accurate, and you are encouraged not to place undue reliance on forward-looking statements.

Use of Non-GAAP Financial Measures

This press release includes certain non-GAAP financial measures such as adjusted diluted loss per share and Adjusted EBITDA, which differ from financial measures calculated in accordance with U.S. generally accepted accounting principles ("GAAP"). Adjusted loss per share in this press release represents diluted loss per share on a GAAP basis, plus the accreted interest attributable to acquisition installment payables, the fair value adjustment of contingent consideration, 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 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 income (expense), net plus other income, provision for income taxes (benefit), depreciation and amortization, 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 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 per share to non-GAAP diluted loss and net loss to non-GAAP Adjusted EBITDA.



David Bailey President & CEO

• www.OrthoPediatrics.com

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Introduction	David Bailey President and CEO
Trauma & Deformity	Joe Hauser President T&D and OPSB
Scoliosis	Greg Odle <i>President Scoliosis</i>
Specialty Bracing ("OPSB")	Joe Hauser President T&D and OPSB
Surgeon KOL Panel	Dr. Tuason, Dr. Hyman
Enabling Technology	Kevin Unger, President, Enabling Technology
Financial Outlook	Fred Hite, COO and CFO
Q&A	Management

Ortho Pediatrice 4

Today's Agenda



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



pediatric patients treated since inception



Historical Challenges of Pediatric Orthopedics

01 Children's unique clinical conditions

- **Existing solutions are re-purposed from adult implants**
- (03) Limited development of **new technologies**
- No **specialized sales force** in Pediatric Orthopedics
- **D5** Limited industry support of clinical **education**

Re-Purposed Adult Plate Screws through growth plate





01 02 Consistent 03 YoY Growth Since Inception 04 05 2024 // Analyst Da

Continued Execution of Strategic Pillars

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

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

Deploy instrument sets and provide unparalleled sales support

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

Train next generation of pediatric orthopedic surgeons

Drives continued revenue growth and free cash flow positivity in 2026





22% revenue CAGR since 2016 driven by market share gains

Consistent cadence of innovative pediatric focused product launches – **+70 total unique pediatric systems and enabling technology**

Expanded the only global pediatric orthopedic commercial channel – **200 domestic** field reps, **14 international independent agencies selling into 70 countries**

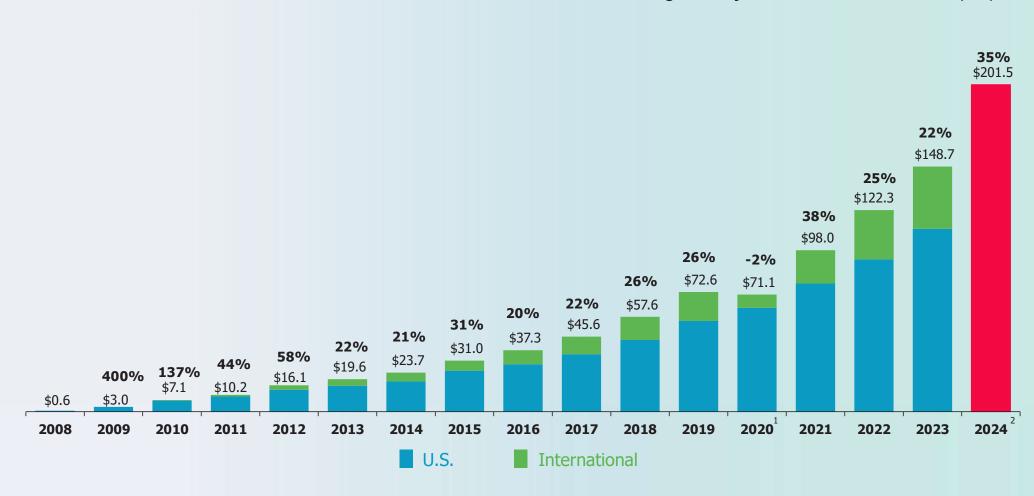
Deepened commitment to clinical education with **>300 events per year**, leading sponsorship of pediatric medical societies and establishing Foundation

Completed several acquisitions that align with OrthoPediatrics' strategy and values – Orthex, ApiFix, MDO, Pega, MedTech Concepts, Rhino, Boston O&P

Increased set deployment to provide more support – 18% CAGR since 2016

Generated **positive adjusted EBITDA and established path to profitability** through enhanced operations, including manufacturing and supply chain efficiencies

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

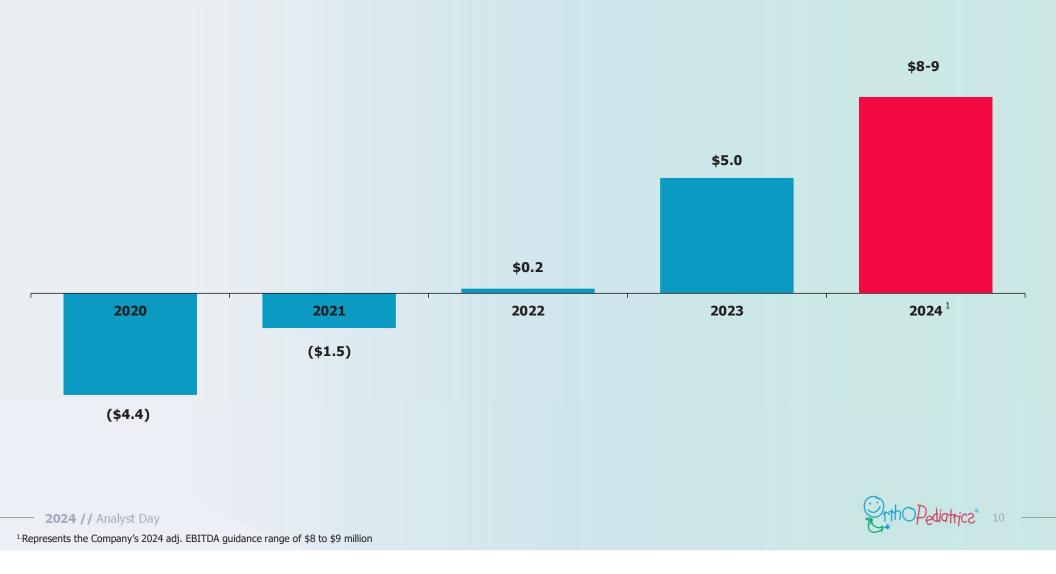


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¹ Impacted by COVID ² Represents the midpoint of the Company's 2024 revenue guidance range of \$200 to \$203 million

Significant Adj EBITDA (\$M) Progression

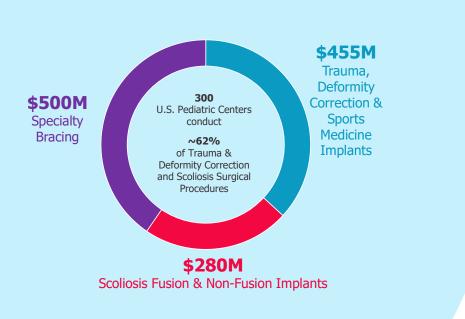


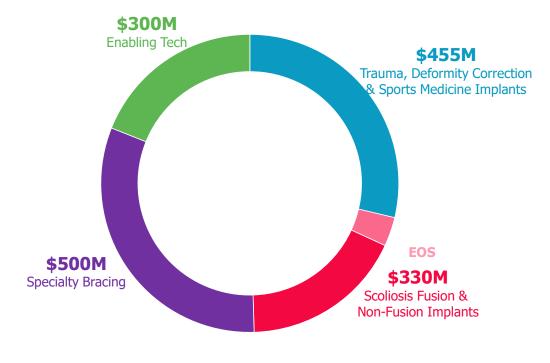
Focus on High-Vol Children's Hospitals

Current US Target Market – \$1.6B

Historical U.S. Target Market¹ — \$1.2B

Current U.S. Target Market¹ — \$1.6B





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

Ttho Pediatrics 11

Transformational Near-Term Catalysts







Joe Hauser President T&D, OPSE

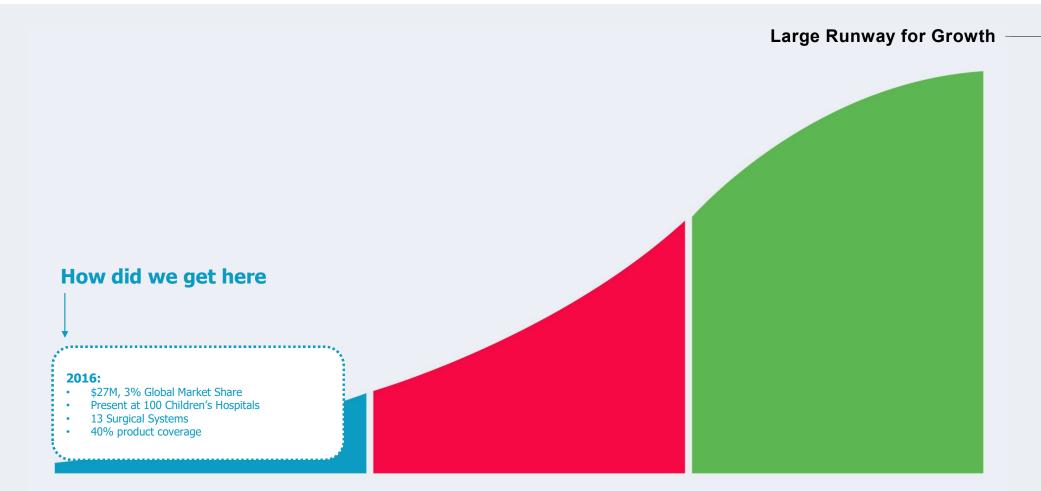
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Core Trauma and Deformity Drivers

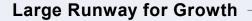


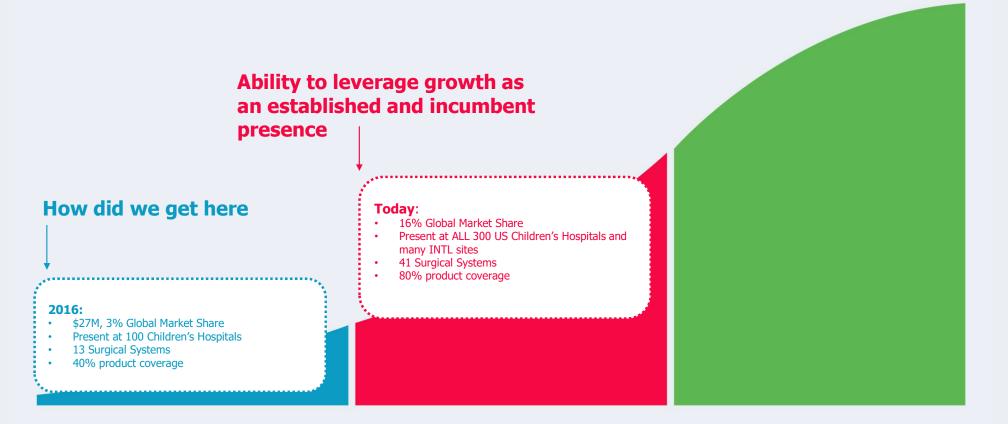




T&D sustainable growth driver over long period of time

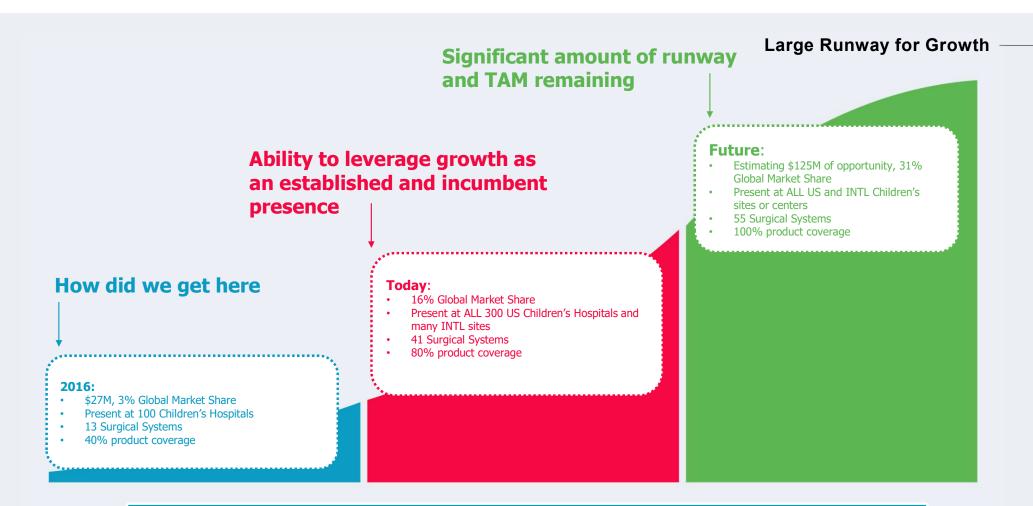






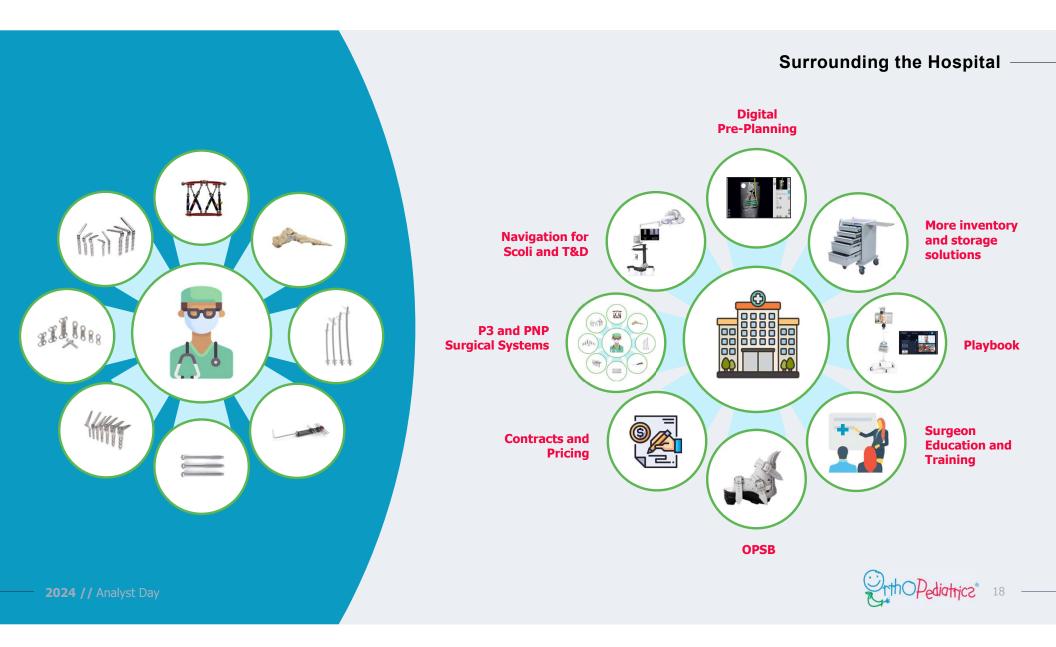
T&D sustainable growth driver over long period of time



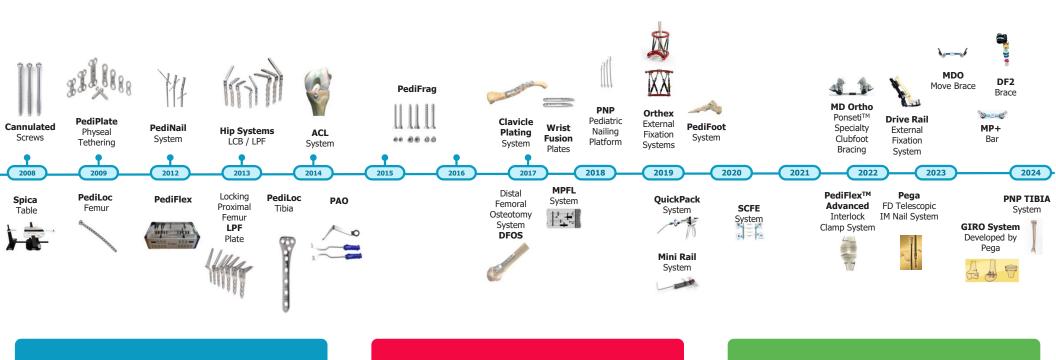


T&D sustainable growth driver over long period of time





New Product Development

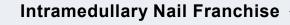


32 product development team members

Launched 42 products over the last 6 years – with capital efficiency for decreased set cost Currently have 26 more products in the pipeline – surgeon requests











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~50% of all T&D revenue

Only company that will have 3rd generation system focused on pediatric/adolescents

6 new systems over the next 5 years

Created new techniques and procedures



The FIRST EVER Pediatric / Adolescent focused Plate and Screw Platform

OrthoPediatrics will expand leadership position in the Pediatric Screw-Plate market



Fill in gaps in product offering (increase our product coverage and TAM)

Innovative Quality and Performance improvements

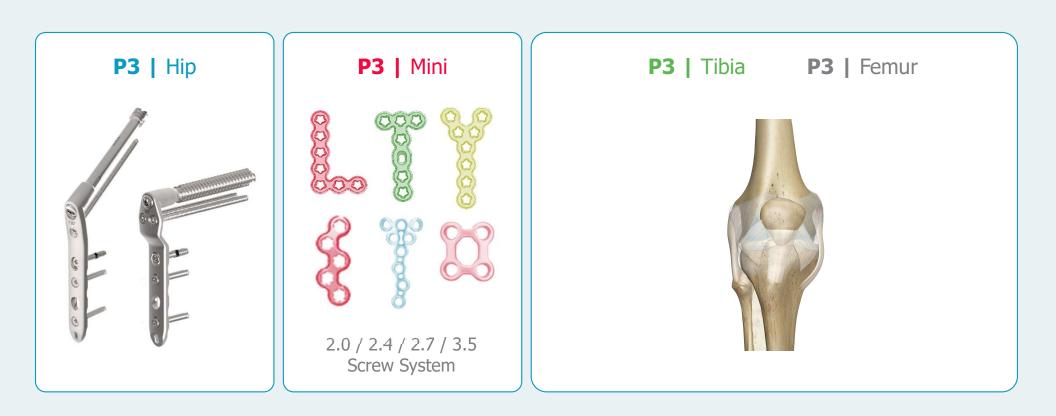


Digital and Sterile solutions (to increase ROI and inventory efficiency)





New Growth from Current Gaps in Product Offering







Innovative Quality and Performance Improvements

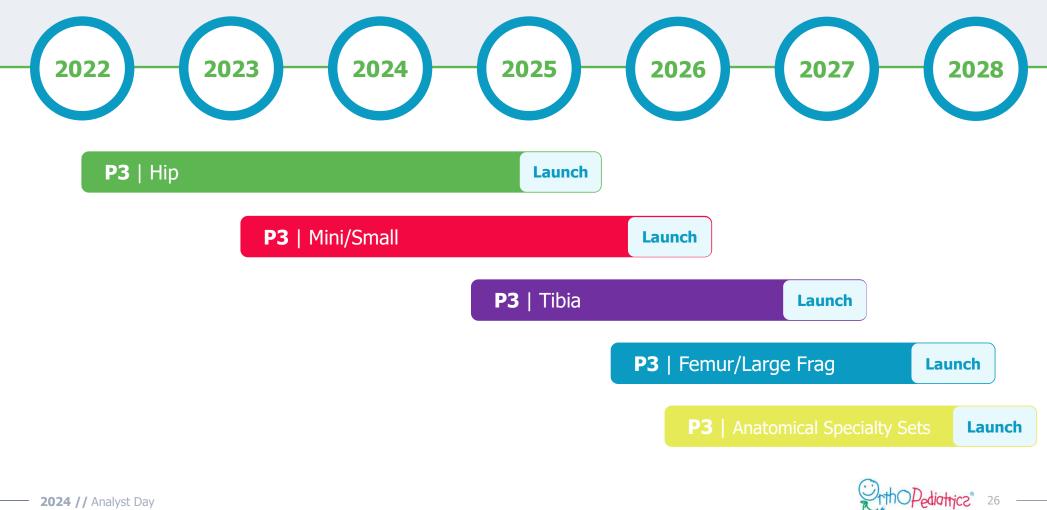


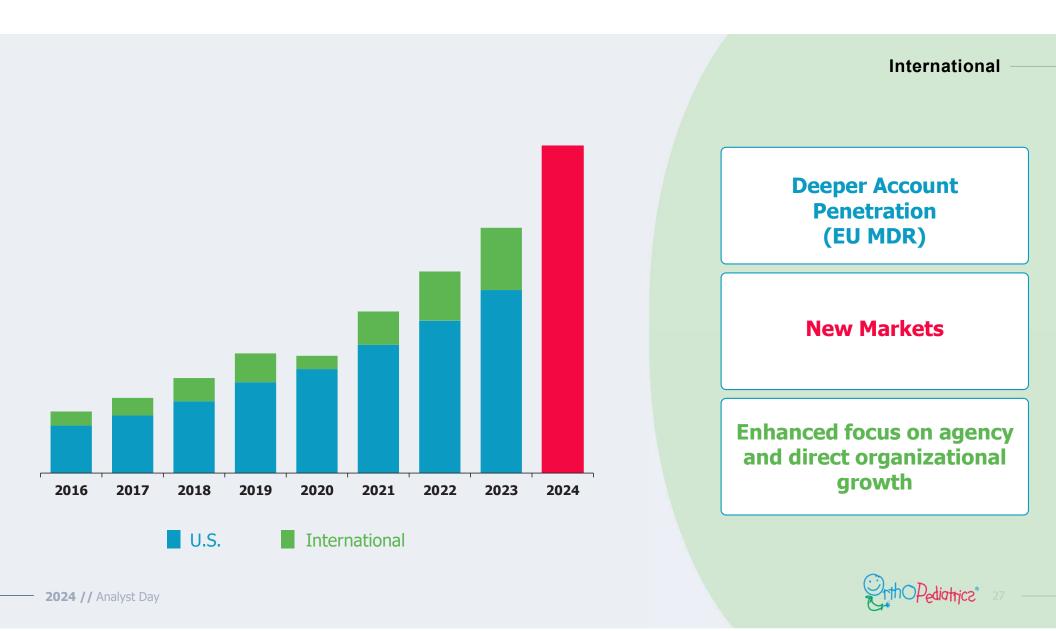






P3 Expected Launch Dates





Core Trauma and Deformity Drivers



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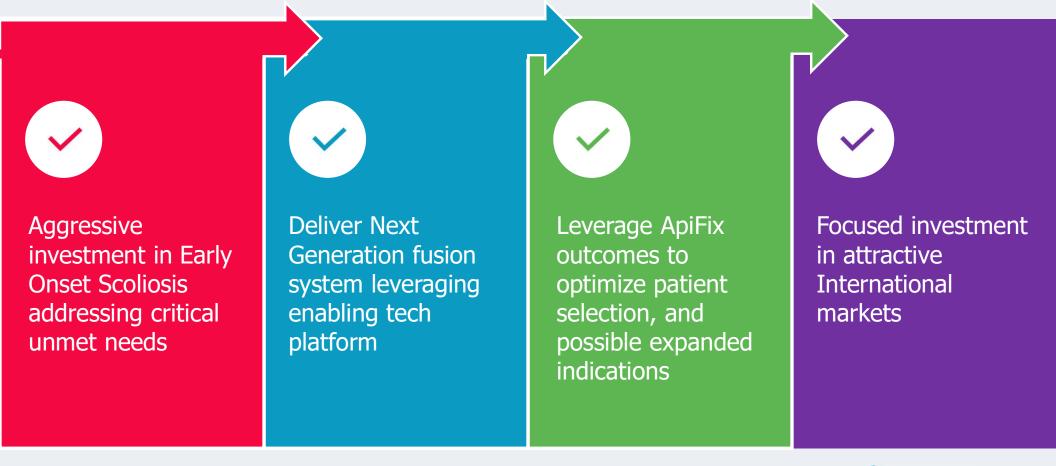
Greg Odle President Scoliosis

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Redefining Leadership in Pediatric Spine Deformity

by surrounding the pediatric spine specialist surgeon with advanced technology





Early Onset Scoliosis ("EOS")





EB

Affects kids <10 years old

Severe deformities "squeeze" the lungs and other organs – difficulty with breathing and digestion



Treated at top-tier Children's Hospitals, where the majority of fusion procedures are done

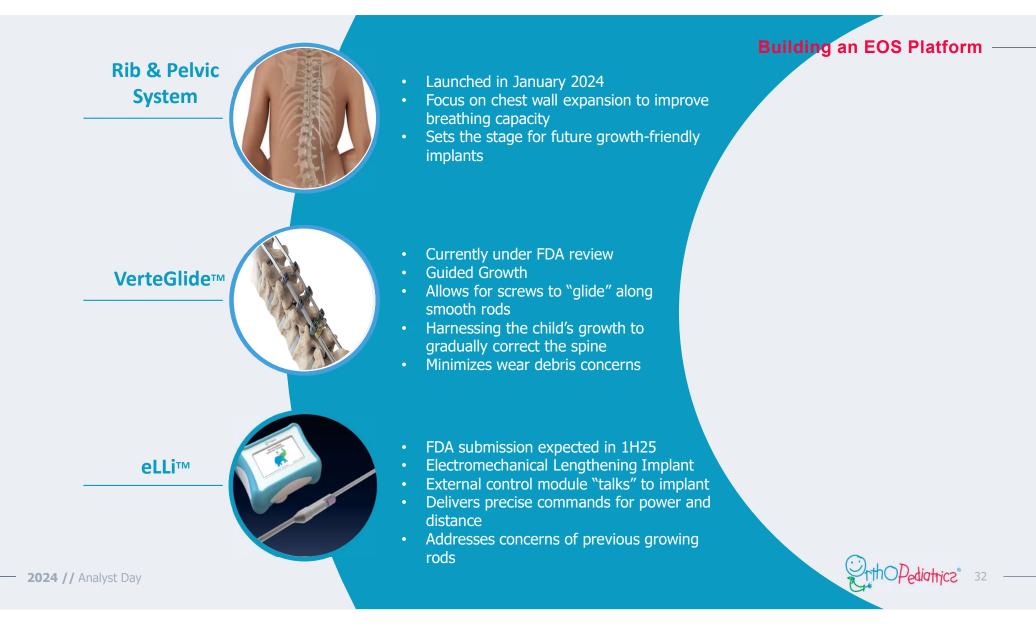


Surgeons view this area as underserved and are desperate for new solutions

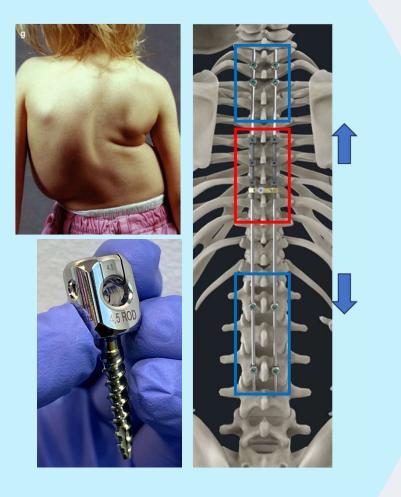
Favorable Financials

- High ASP
- Lower capital investment
- Mobilized sets create inventory efficiency





Building an EOS Platform





- Guided Growth concept
- Allows for screws to "glide" along smooth rods
- Harnessing the child's growth to gradually correct the spine
- Minimizes wear debris concerns



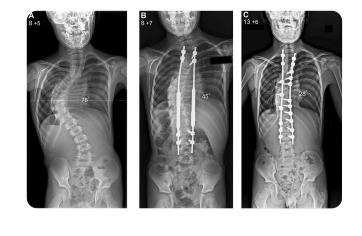
Market History and Opportunity

Powered Growing Rod technology was introduced in 2009 in Europe and approved by FDA in 2014

- Allowed for non-invasive adjustment through an external controller
- Quickly became the standard of care for EOS, nearing \$50M in global sales
- Usage dropped significantly in recent years due to product quality issues

Surgeons are desperate for a reliable alternative – expect rapid adoption

Currently a significant void in the market





Introducing eLLi™

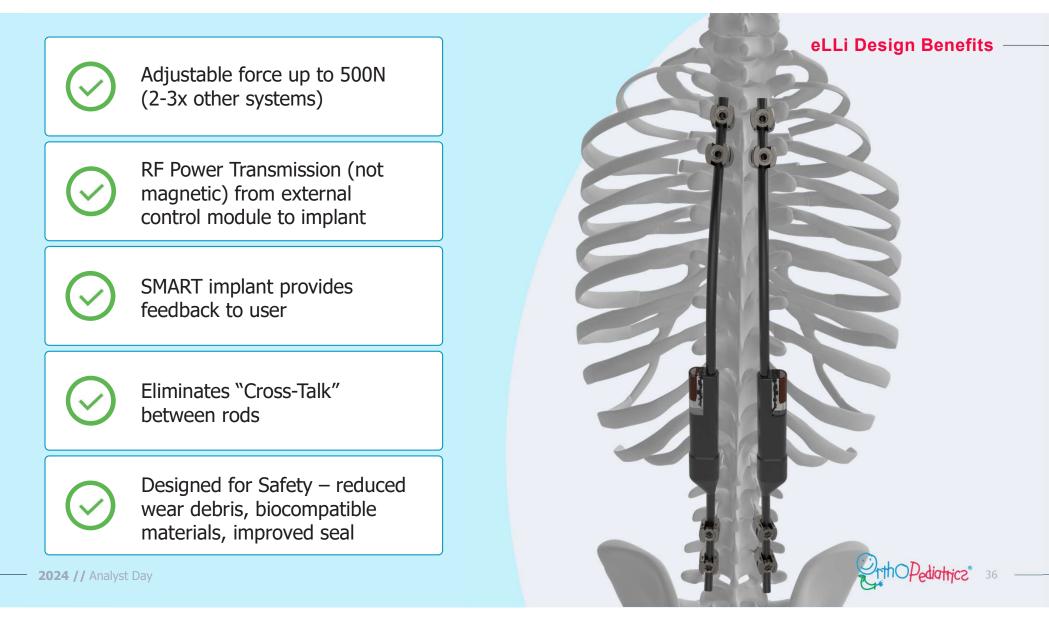


Introducing eLLi™



Advancing the treatment of EOS





Breakthrough Device Designation (May 2024)



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OrthoPediatrics Corp. Receives "Breakthrough Device" Designation from FDA for eLLi™ Growing Rod System for Pediatric Patients with Scoliosis

May 02, 2024 16:05 ET| Source: OrthoPediatrics Corp. Follow



Next Generation Fusion System



Fusion Market Dynamics

Most widely used surgical treatment to correct scoliosis (90+%)

Accounts for ~85% of OP Scoliosis revenue

\$200M TAM in Children's Hospitals in U.S.

Involved in treatment of AIS, EOS, and Neuromuscular conditions

Large players – MDT, DPS, GMED, ATEC – limited investment

High ASP and strong margin profile

CrthOPediatrics





Ultimate surgical experience for pediatric spinal fusion

Designed **exclusively for pediatric scoliosis patients** and their surgeons



Innovative, new device designs with an advanced digital platform

 \bigcirc

Engineered to **optimize the procedure**





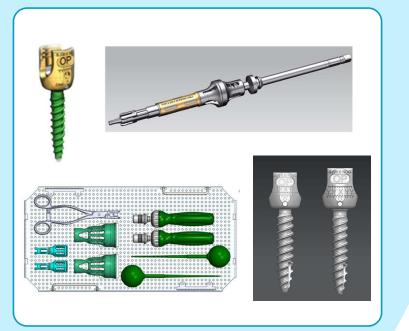




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Development Goals

System designed from the ground up *specifically for pediatric spinal deformity*



Differentiated

- Dramatic reduction in tulip head profile
- Transforming the customer experience
 - Personalized case and tray configurations
 - Faster, more efficient workflows with advanced instrumentation
- Full suite of enabling technologies
 - Navigation, Pre-op planning, Intra-op workflows, data collection
- Premier look and feel with strong OP branding

Expected Launch 2H25





ApiFix clinical outcomes continue to inform on ideal candidates based on age, severity, and type of curve

 \bigcirc

Recently launched a new high-strength version to address lumbar curves where greater motion and higher stresses are encountered



Expect modest growth rates for ApiFix over the next couple of years while patient selection and implant improvements are optimized



Exploring possible EOS indications to expand opportunity



Non-fusion Direction



>50% of
international
scoliosis
revenue
comes from
stocking
distribution

O Stocking Distributors



Future OrthoPediatrics International Channel

By the end of 2027 expect 70% of international scoliosis revenue to come from agencies

Stocking Distributors

Agency



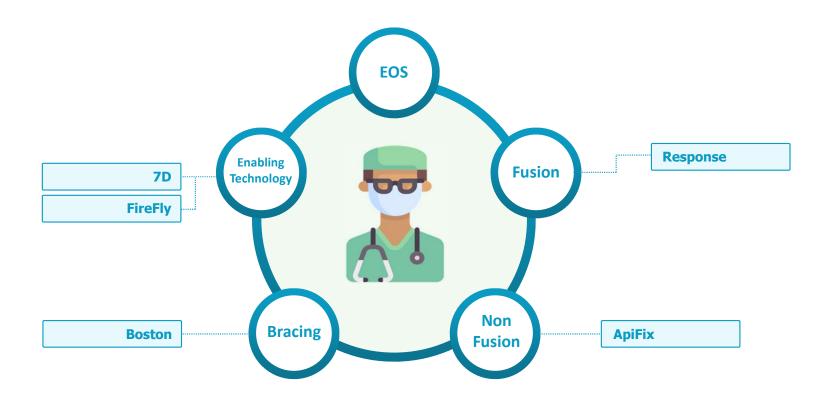
Build off momentum in key markets with attractive pricing, viable regulatory pathways, and lower volatility:



New investments in people and infrastructure have strengthened our position Anticipated MDR certification in Europe will expand portfolio in key markets Opportunity to re-deploy domestic Response sets as new fusion system takes hold in U.S. EOS Strategy has drawn Key Opinion Leaders to our Spine portfolio

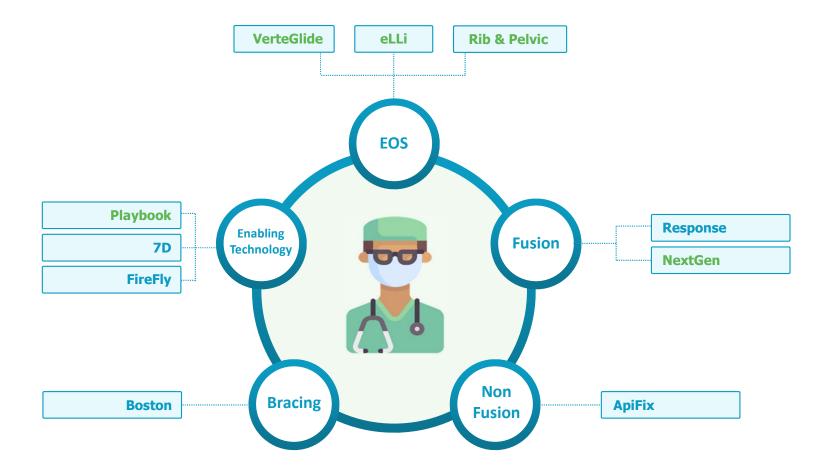


Summary Slide





Summary Slide



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Hospital A

- Top ranked children's hospital in the U.S.
- Scoliosis market share <5%
- Trauma & Deformity market share >25%
- Treating the most complex deformities



New Growth Opportunities at High-Volume Children's Hospitals

- 20+ hospitals with similar profile to hospital A
 - ~\$500k-\$1M EOS opportunity
 - ~\$2M-\$6M fusion opportunity





Joe Hauser President T&D, OPSE

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Pediatrics Specialty Bracing

Aggressive market based clinic expansion strategy

Accelerate R&D with increasing number of YoY launches

Scale OPSB selling channel and sales force – grow with current portfolio of products **Why OPSB:** Entering a huge specialty bracing market where focus predominantly remains on adults

- Helping more KIDS: ~80% of what surgeon does is non-operative care
- No focused competition, underserved
- Speed to market, innovate with Class 1 device
- Does not require consigned inv. / improved ROI
- Adding additional growth lever to business
- Leverage same surgeon customer base
- Large **\$500M** focused TAM



•••

Michale Vitale MD, Orthopedic Spine Surgeon

"The opportunity for a well established well networked provider like OP is immense... the reality is that most (peds) patients in this country are simply not getting the best care."

•••

Brian Smith MD, Pediatric Orthopedic Surgeon

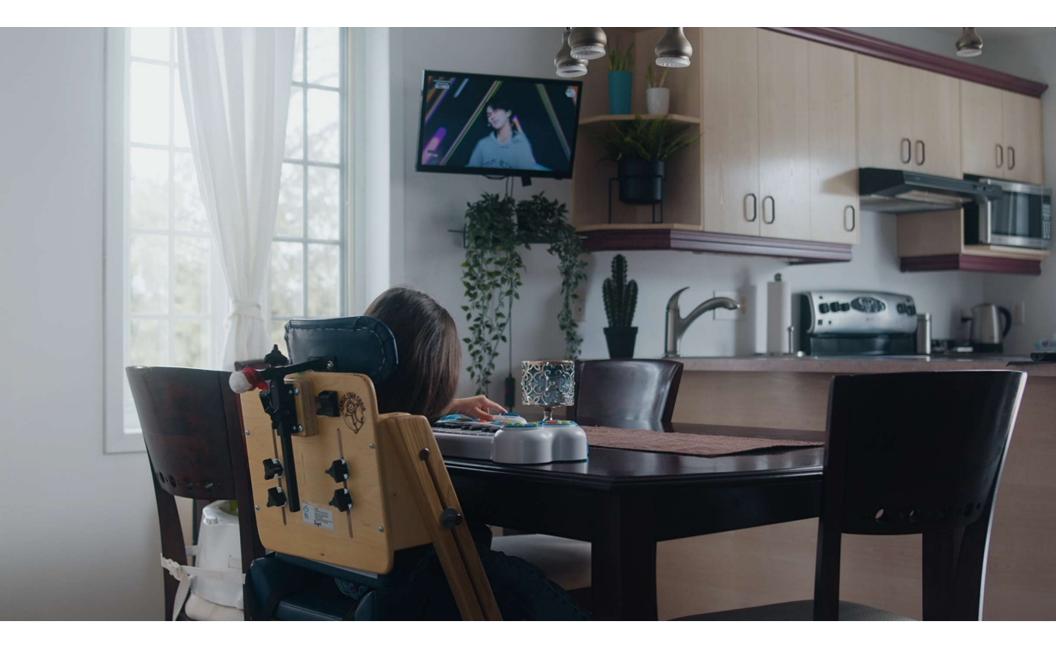
"We are thrilled that OP will improve the experience of bracing in kids by fostering direct collaboration between the Physician and Orthotist. This coordination of care greatly benefits the patients and families."



John Flynn MD, Pediatric Orthopedic Surgeon

"This partnership should greatly increase your resources and could lead to great advances in scoliosis bracing. OrthoPediatrics is famously mission driven and all the docs in my field appreciate that (because we are too)."

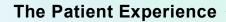








thOPediatrics[®] 52





Diagnosis & Referral





Evaluation & Treatment Plan Development





Comprehensive
EvaluationEducation and Discussion
about Goals & TreatmentCast, Measure,
and/or Scan
Plan

Fitting and Outcome Tracking

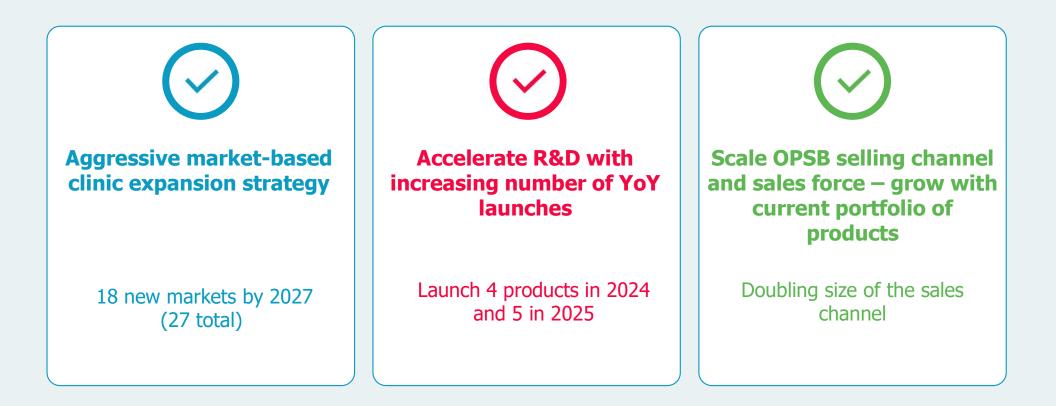






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Key Growth-Strategic Objectives





Current OPSB Clinic Markets

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300 Children's Hospitals with 80 Target Market Locations

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56

Market Expansion

"Pediatrics

OPSB clinics expected in 27/80 markets by 2027

Pace of Market Expansion

+4 markets in 2025

+6 markets in 2026

+8 markets in 2027

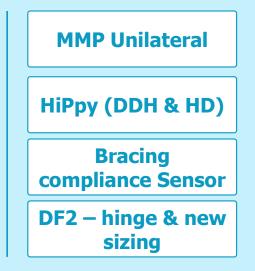
ROI and Timing for Clinic Expansion

	Greenfield	Acqui-Hire
Initial Investment	\$200k-\$500k	\$500K-\$1M
EBITDA Goal	Positive EBITDA by end of first full year	Positive EBITDA by end of first full year
FCF Goal	After first full year	Within first year
ROI Goal	Break even ROI by Year 3	Break even ROI by Year 5
Time to Ramp	6 months for licensure, insurance, lease, clinicians, training, etc.	Immediate licensure, insurance, location, clinicians, training etc.
IRR	40%	25%

1-4 Clinics per market expected



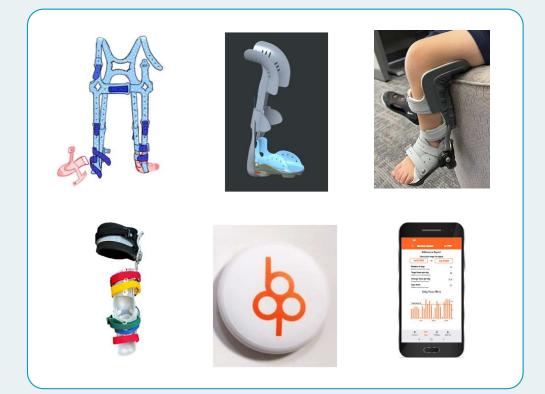
4 products expected to launch in 2024



Expect to launch 5 products in 2025

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Accelerated R&D with increasing cadence of YoY launches





Scale and Grow OPSB Sales Channel





Increase referrals to existing OPSB/BoP clinics

orthopediatrics of

Would You Want These Products on Your Own Child?

DF2 – Success Stories





Would You Want These Products on Your Own Child?

DF2 – Success Stories

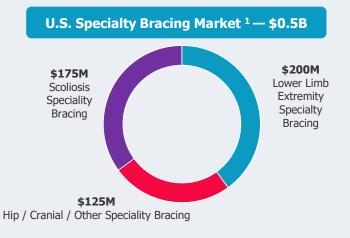




Scale and Grow OPSB



- Major growth driver for OP with Large \$500M TAM
 - Estimated additional \$1B oppt.
 - International Opportunity is exciting – learning more
- Market-Based Clinic Expansion 18 new markets by 2027
- Accelerated R&D to innovate unmet peds needs
- Scale the OPSB sales channel increasing referrals to existing clinics and selling full OSPB portfolio



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





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

OPSB Children's Hospitals









Joshua E Hyman, MD Orthopedic Surgery, Pediatric Orthopedics Professor of Orthopedic Surgery at Columbia University Medical Center



KOL Panel



Dominick Tuason, MD Orthopedic Surgery, Pediatric Orthopedics Assistant Professor of Orthopedics and Rehabilitation at Yale New Haven Children's Hospital



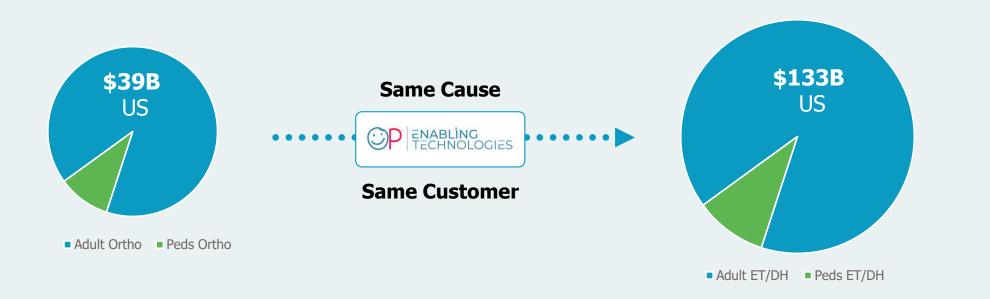
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Kevin Unger President Enabling Technologies

www.OrthoPediatrics.com

> 1,000,000 Kids Helped



Significant **opportunity exists** for digital solutions to be applied in Pediatrics *and* Competitors are **not well positioned** to access this rapidly growing market

OrthOPediatrics 6

ENABLING TECHNOLOGIES **Long-term Strategic Pillars**



Improve Surgical Care, Efficiencies & Outcomes for surgeons & their teams by harnessing technology to solve problems.



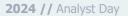
Create Competitive Advantage in core OP businesses by offering differentiated, pediatric-focused platforms to help accelerate growth in legacy business units.



Access new markets through strategic positioning of digital health & emerging technologies platforms in underserved areas outside of OrthoPediatrics.



Expand our Data Competency to insightfully drive toward best practices in surgical care, training & education and product development



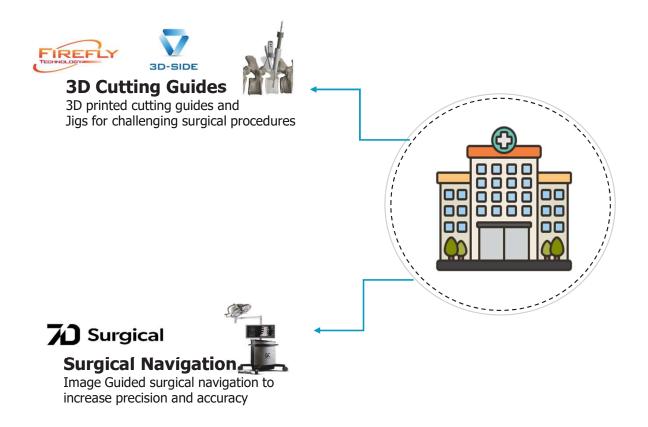






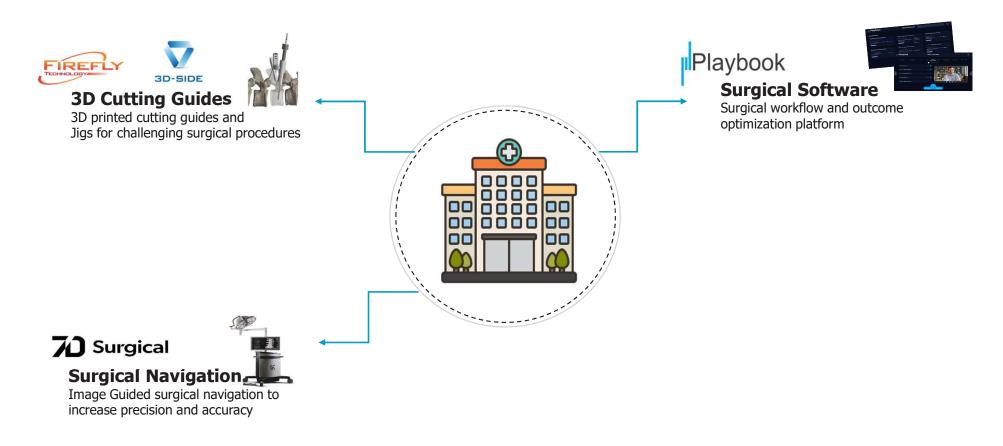






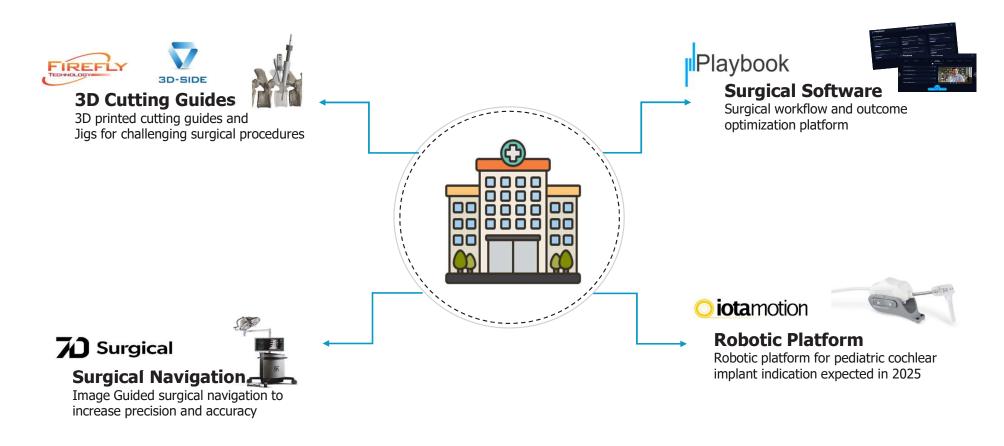














II Playbook

Plan. Collaborate. Orchestrate. Analyze.





Playbook

The Problem

- Limited data to determine best practices and surgical outcome optimization
- Much variability in staff, process and surgical planning resulting in a lack of reproducibility
- No End-to-End solution connecting surgical planning and post operative surgical outcome to create a learning loop for Predictive Outcome Analytics







PreOp



IntraOp

PostOp

Analytics

Workflow

Transla

PLAYBOOK: Surgical Workflow Optimization

Translates **unique pre-op planning** needs into a reproducible surgical process

Solution

Contextual collaboration with care team during planning & surgical procedures

Data collection and insights displayed in real-time to drive best practices in surgical care

Market Opportunity

\$200M

US Peds Market

Estimated based on scalable product subscription & expansion outside of Orthopedics in the top 300 children's hospitals





Iota Motion: Robot for Cochlear Implant Surgery

Clinical Problem

- Relies on extensive training with more demand for cochlear implants than skilled, experienced ENT surgeons, limits patient access
- Lack of tools and confidence to produce consistent outcomes limits CI procedure adoption
- Variability of surgeon experience creates procedure uncertainty and limits utilization.

Reduces insertion force variation by up to 78%*

insertion forces by up to 51%*

3

More controlled, consistent insertions

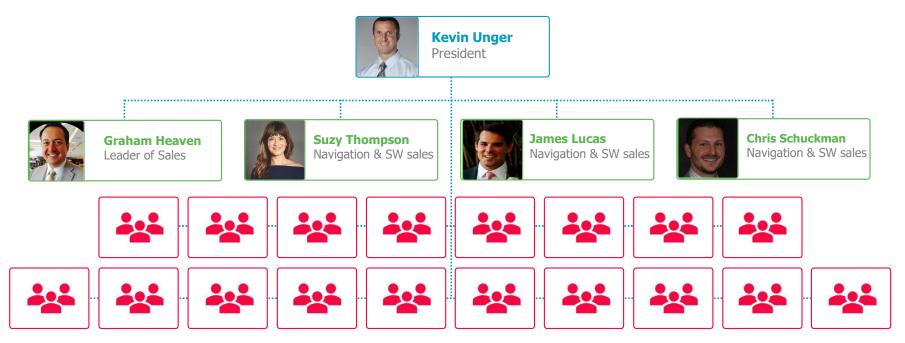
Market Opportunity

\$100M US Peds Market

- Profitable procedure: \$35K per surgical intervention
- 30% of Cochlear Implants are done in Pediatrics
- Differentiated technology and entry point into ENT specialty
- Enabling technology supports procedure



How we will sell



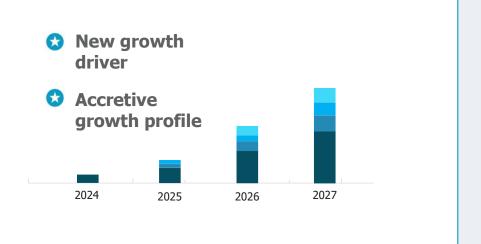
OP Selling Organization (200 Strong)



Building a Sustainable Growth Engine

Outlook & Expectations

- Market Launch of both Playbook and Iota Motion platforms in the next 6 months
- **Establish** the first Pediatric focused Enabling Technologies and Digital Health salesforce
- Leverage existing OP Sales Channel to accelerate market penetration









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- **01** Continued aggressive revenue growth
- **O2** Adjusted EBITDA > set deployments in 2025
- **03** Achieving Free Cash Flow positivity in 2026
- **04** Focus on ROI, balancing growth & cash usage
- **05** Capitalized to deliver long range forecast



2024

2027

Revenue: High teens annual grow

OPSB Revenue: 20%+ annual

Gross Margin: ~74-75%

Expense changes as a % of revenue:

S&M: decrease ~1% per year

R&D: consistent

Cash G&A: increase at 50% of revenue

EBITDA Margin: ~300bps expansion annually to ~13-14% in '27

High Teens Revenue Growth with G&A Leverage

3-year Financial Outlook



_	_	
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Lasn	FIOW	

(\$M)	2024	Assumptions through 2027
Adjusted EBITDA	\$8 - \$9	~300bps margin growth
Sets Deployed	(<\$20)	(~\$15 - \$20)
Working Capital / Other	(~\$20)	(~\$15 - \$20)
Op Cash - CapEx	(~\$30+)	+

Business positioned to continue growing top line while improving profitability toward free cash flow positivity

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"tho Pediatrice"

Balance Sheet

 \checkmark

Strong balance sheet with attractive cost of capital

 \checkmark

\$25M in additional Debt available for the future



Achieve free cash flow positivity without additional equity

~\$90M

proforma cash, cash equivalents & short-term investments* post Private Financing 8/5/24:

Expected Uses of Cash

- Continued set deployment
- Working capital supporting growth
- OPSB clinic expansions

*Post closing and before any share repurchases and assuming the financing closed on June 30, 2024, OrthoPediatrics cash, cash equivalents and restricted cash balance would have been approximately \$90 million on a pro forma basis, excluding the delayed draw \$25 million term loan





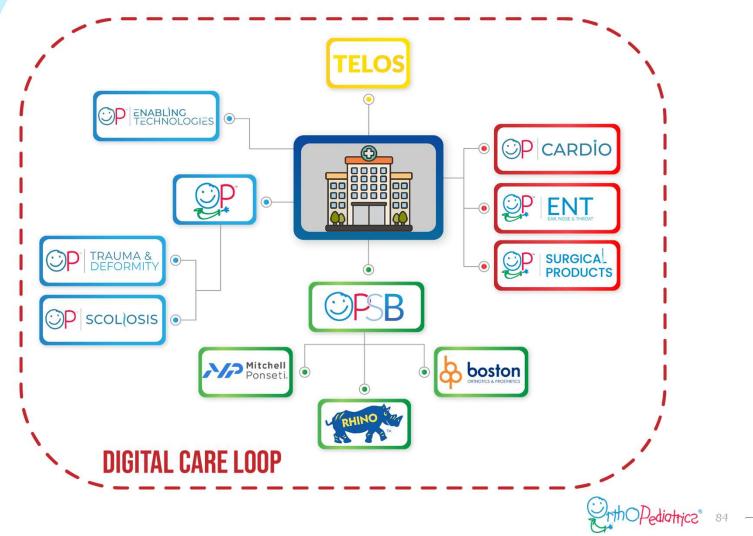
Closing Comments

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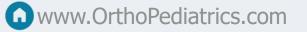
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