

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," "pelicites," "pelicites," "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 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 abroady to maintain and expand our network of thir

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.



Today's Agenda

Introduction	David Bailey President and CEO
Trauma & Deformity	Joe Hauser President T&D and OPSB
Scoliosis	Greg Odle President Scoliosis
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
O&A	Management



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

1,076,000+

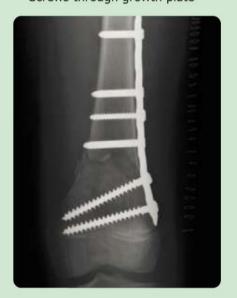
pediatric patients treated since inception



Historical Challenges of Pediatric Orthopedics

- O1 Children's unique clinical conditions
- (02) Existing solutions are **re-purposed from adult implants**
- (03) Limited development of **new technologies**
- No **specialized sales force** in Pediatric Orthopedics
- Limited industry support of clinical education

Re-Purposed Adult Plate
Screws through growth plate





Continued Execution of Strategic Pillars

01

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

Consistent YoY Growth Since Inception



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

Accomplishments Since IPO



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**

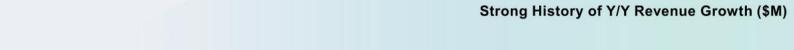
Deepened commitment to clinical education with >300 events per year, leading sponsorship of pediatric medical societies and establishing Foundation

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

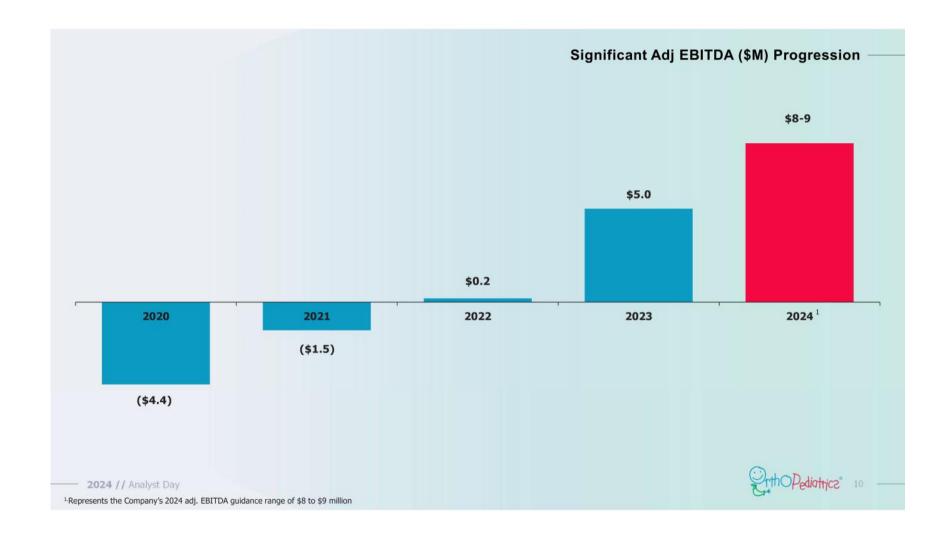
Orth OPediatrics"





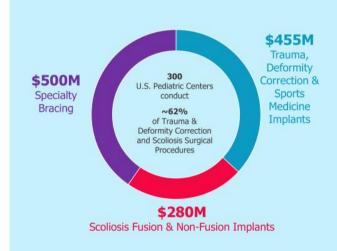
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¹ Impacted by COVID ² Represents the midpoint of the Company's 2024 revenue guidance range of \$200 to \$203 million



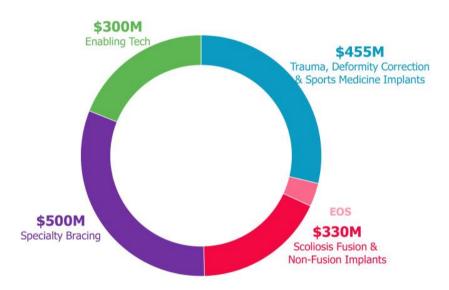
Focus on High-Vol Children's Hospitals

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



Current U.S. Target Market¹ — \$1.6B

Current US Target Market - \$1.6B



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



Transformational Near-Term Catalysts

T&D



- P3
- IM Nail
- International growth

Scoliosis



- EOS
 - Rib & Pelvic System
 - VerteGlide
 - eLLi
- Next-Gen fusion
- International growth

OPSB



- Regional clinic expansionR&D acceleration
- · OPSB sales channel

Enabling Technology



- Playbook
- IotaMotion



Core Trauma and Deformity Drivers



Leverage our Scale

Well established and poised to take more share and double revenue over the next years



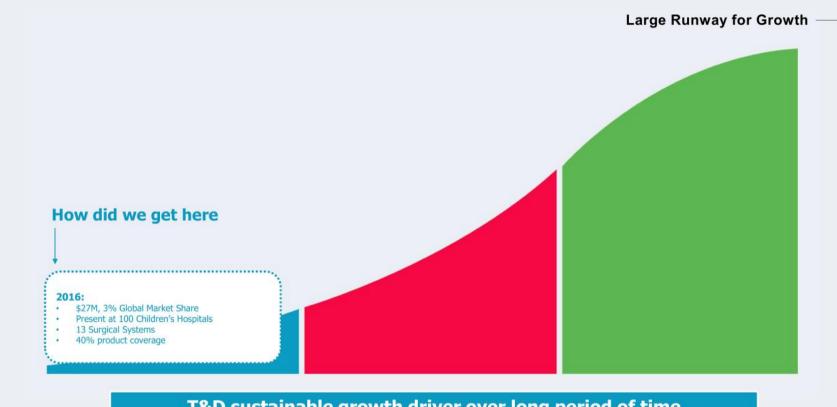
Product Development

Key New Product Development drivers that will lead to consistent growth through full hospital conversions



Account Penetration

Deeper penetration within current and new International markets will lead to disproportional revenue growth



Large Runway for Growth

How did we get here

2016:

- \$27M, 3% Global Market Share
- Present at 100 Children's Hospitals
- 13 Surgical Systems
- 40% product coverage

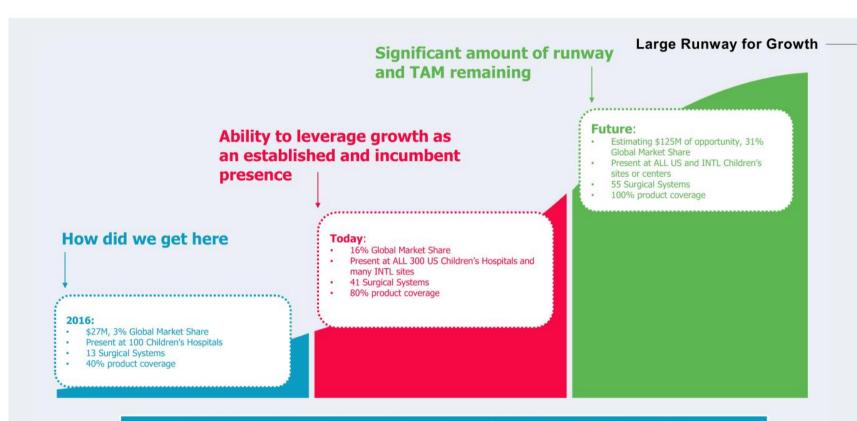
Today:

Ability to leverage growth as an established and incumbent

presence

- 16% Global Market Share Present at ALL 300 US Children's Hospitals and many INTL sites 41 Surgical Systems
- 80% product coverage

T&D sustainable growth driver over long period of time

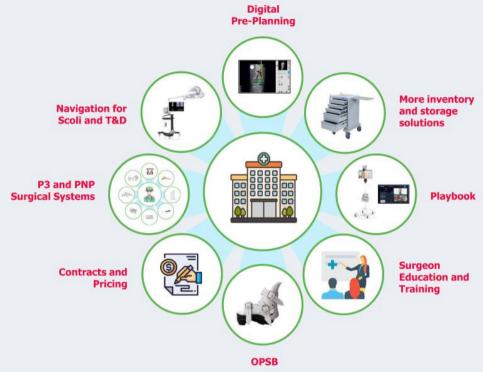


T&D sustainable growth driver over long period of time

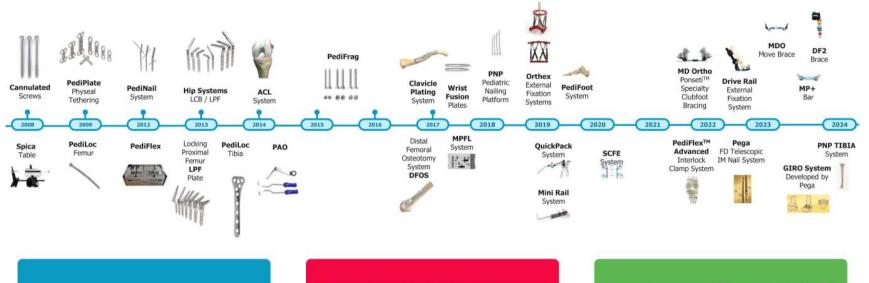


Surrounding the Hospital





New Product Development

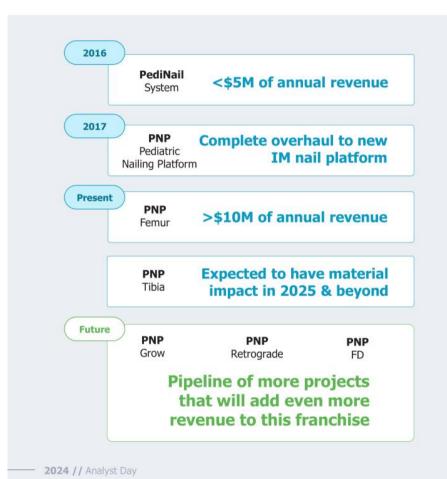


32 product development team members

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







Transformational NPD Growth Drivers





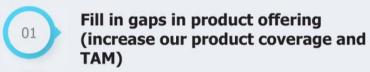
~50% of all T&D revenue

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

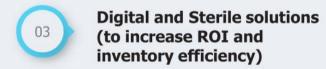
6 new systems over the next 5 years

Created new techniques and procedures

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







New Growth from Current Gaps in Product Offering



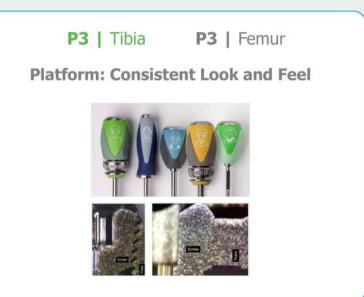




Innovative Quality and Performance Improvements





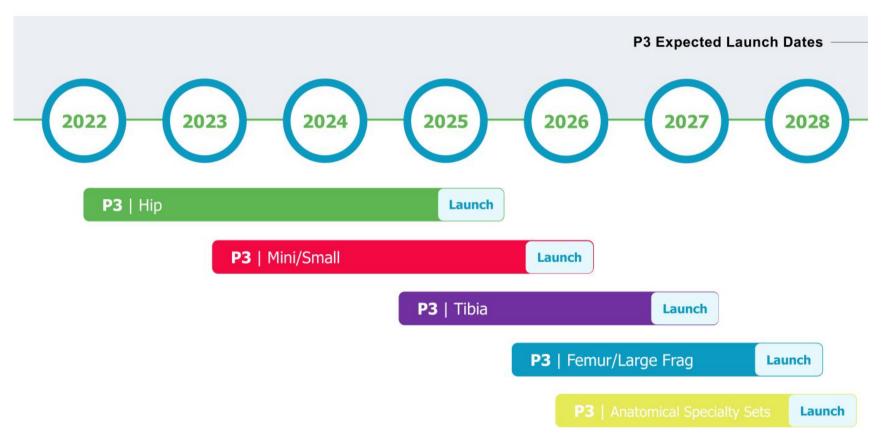


Digital and Sterile Solutions









International



New Markets

Enhanced focus on agency and direct organizational growth





International

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Core Trauma and Deformity Drivers



Leverage our Scale

Well established and poised to take more share and double revenue over the next years



Product Development

Key New Product Development drivers that will lead to consistent growth through full hospital conversions



Account Penetration

Deeper penetration within current and new International markets will lead to disproportional revenue growth



Redefining Leadership in Pediatric Spine Deformity

by surrounding the pediatric spine specialist surgeon with advanced technology



Aggressive investment in Early Onset Scoliosis addressing critical unmet needs



Deliver Next Generation fusion system leveraging enabling tech platform



Leverage ApiFix outcomes to optimize patient selection, and possible expanded indications



Focused investment in attractive International markets



Early Onset Scoliosis ("EOS")









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

Rib & Pelvic System



- · Launched in January 2024
- Focus on chest wall expansion to improve breathing capacity
- Sets the stage for future growth-friendly implants

VerteGlide™



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

eLLi™

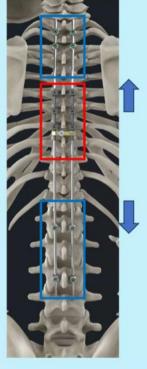


- FDA submission expected in 1H25
- Electromechanical Lengthening Implant
- External control module "talks" to implant
- Delivers precise commands for power and distance
- Addresses concerns of previous growing rods

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™



Advancing the treatment of EOS



Adjustable force up to 500N (2-3x other systems)



RF Power Transmission (not magnetic) from external control module to implant



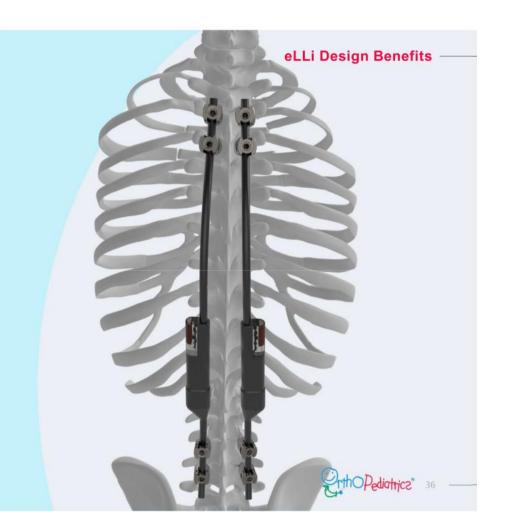
SMART implant provides feedback to user



Eliminates "Cross-Talk" between rods



Designed for Safety – reduced wear debris, biocompatible materials, improved seal



Breakthrough Device Designation (May 2024)





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



Fusion Market Dynamics

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

Involved in treatment of AIS, EOS, and Neuromuscular conditions

Accounts for ~85% of OP Scoliosis revenue

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

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

High ASP and strong margin profile

Next Generation Fusion System











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Ultimate surgical experience for pediatric spinal fusion



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



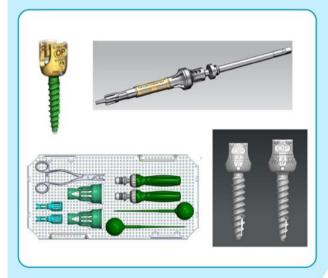
Innovative, new device designs with an advanced digital platform



Engineered to **optimize the procedure**



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





and type of curve

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





Future OrthoPediatrics International Channel



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

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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

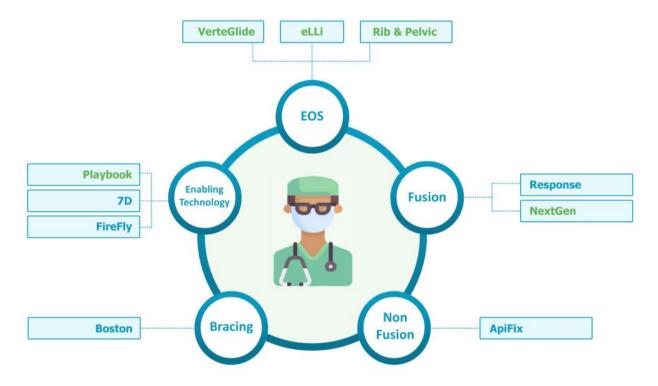
Anticipated MDR certification in Europe will expand portfolio in key markets Opportunity to re-deploy domestic Response sets as new fusion system takes hold in U.S.

EOS Strategy has drawn Key Opinion Leaders to our Spine portfolio

Summary Slide



Summary Slide -



Revenue Growth and Market Share Gain



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





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

Orth OPediatrics



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

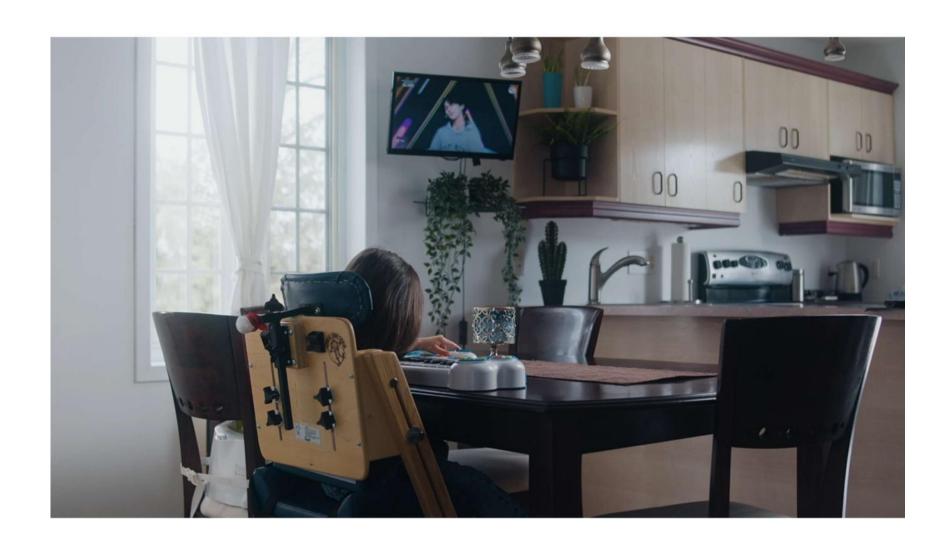
"We are thrilled that OP will improve the experience of bracing in kids by fostering direct collaboration between the Physician and Orthotist. This coordination of care greatly benefits the patients and families."



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)."

















The Patient Experience



Diagnosis & Referral





Evaluation & Treatment Plan Development







Comprehensive | Education and Discussion | Cast, Measure, about Goals & Treatment | and/or Scan

Fitting and Outcome Tracking







Key Growth-Strategic Objectives



Aggressive market-based clinic expansion strategy

18 new markets by 2027 (27 total)



Accelerate R&D with increasing number of YoY launches

Launch 4 products in 2024 and 5 in 2025



Scale OPSB selling channel and sales force – grow with current portfolio of products

Doubling size of the sales channel





300 Children's Hospitals with 80 Target Market Locations



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Market Expansion

Pace of Market Expansion

+4 markets in 2025

+6 markets in 2026

+8 markets in 2027

OPSB clinics expected in 27/80 markets by 2027

	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

Accelerated R&D with increasing cadence of YoY launches

4 products expected to launch in 2024

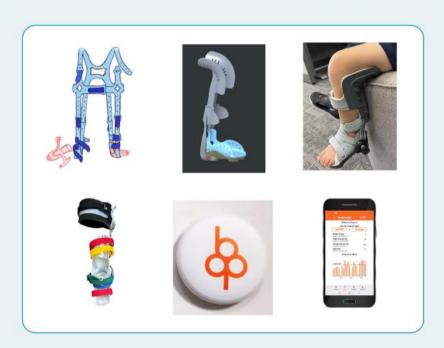
MMP Unilateral

HiPpy (DDH & HD)

Bracing compliance Sensor

DF2 – hinge & new sizing

Expect to launch 5 products in 2025



Scale and Grow OPSB Sales Channel

Leverage surgeon relationships

Educate and sell portfolio

Increase referrals to existing OPSB/BoP clinics





DF2 – Success Stories



Would You Want These Products on Your Own Child?

DF2 – Success Stories







Scale and Grow OPSB

Help MORE KIDS!

- 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



Orth O Pediatrics







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



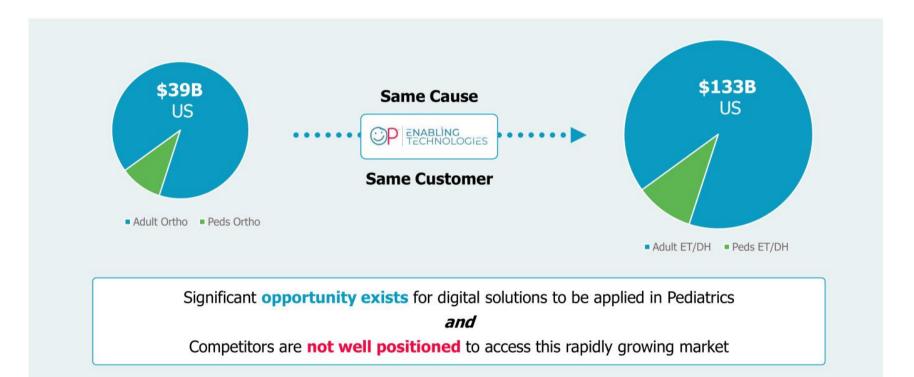
KOL Panel



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



Market Opportunity and Purpose





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





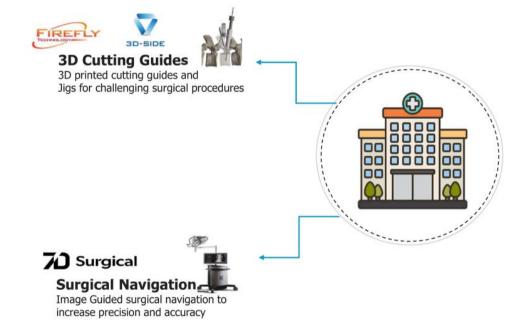


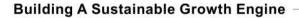


3D Cutting Guides3D printed cutting guides and Jigs for challenging surgical procedures

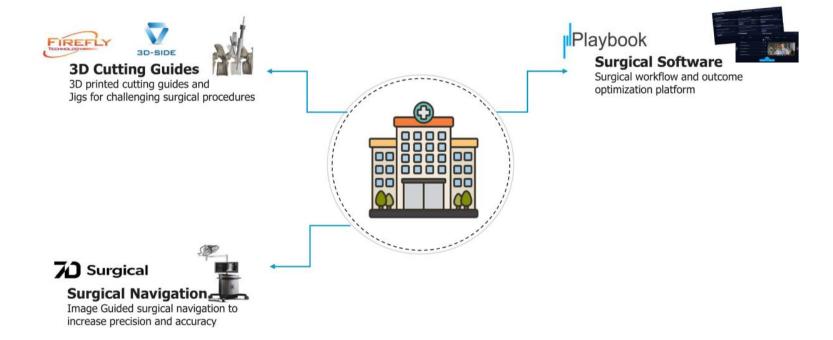


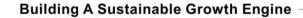




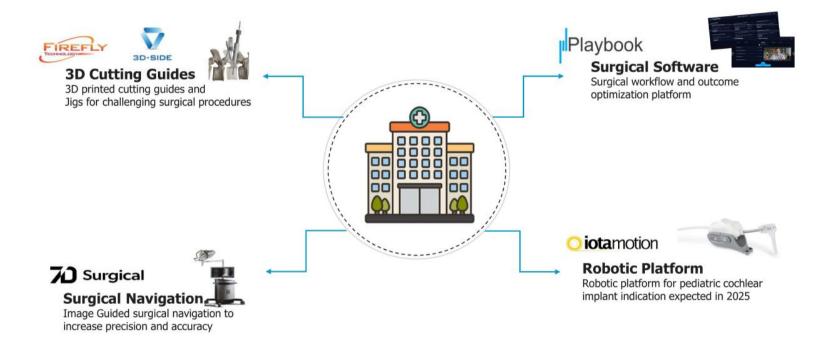




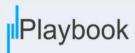












The Problem

- 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**

PLAYBOOK: Surgical Workflow Optimization

PreOp

Planning















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

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

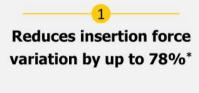
Estimated based on scalable product subscription & expansion outside of Orthopedics in the top 300





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 maximum insertion forces by up to 51%*

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





OP Selling Organization (200 Strong)

Experienced leadership and sales expertise

Leveraged specialist sales model

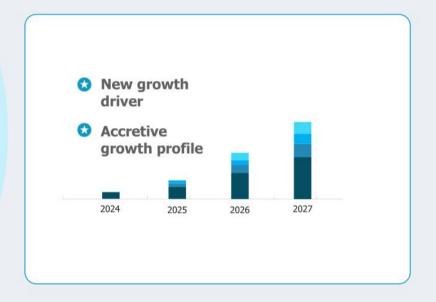
Immediate access to top Peds Hospitals through OP Channel First ever dedicated Peds Enabling Tech salesforce



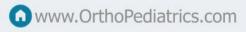
Building a Sustainable Growth Engine

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







Financial Summary



- **01** Continued aggressive revenue growth
- **02** 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

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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: \sim 300bps expansion annually to \sim 13-14% in '27

High Teens
Revenue
Growth
with G&A
Leverage



Cash Flow

(\$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

Balance Sheet



Strong balance sheet with attractive cost of capital



\$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

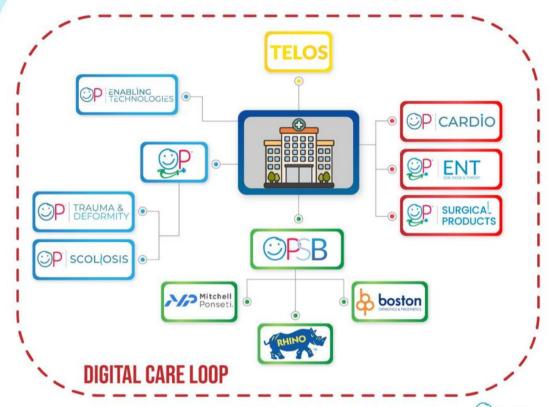
*Post closing and before any share repurchases and assuming the financing closed on June 30, 2024, OrthoPediatrics cash, cash equivalents and restricted cash balance would have been approximately \$90 million on a pro forma basis, excluding the delayed draw \$25 million term loan





5-10 year Aspirational Goals

Surround the hospital with technology that improves clinical care and efficiency



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