



CLEARPOINT®
NEURO

WHEN YOUR PATH IS UNCLEAR,
WE POINT THE WAY.™

Nasdaq: CLPT

January 2024



This presentation and discussion contain forward-looking statements within the context of the federal securities laws, including the Company's expectation for revenues, gross margin, the adequacy of cash and cash equivalent balances to support operations and meet future obligations, the future market of its products and services, and other performance and results. These forward looking statements are based on management's current expectations and are subject to the risks inherent in the business, which may cause the Company's actual results to differ materially from those expressed in or implied by forward-looking statements. Particular uncertainties and risks include those relating to: global and political instability, supply chain disruptions, labor shortages, and macroeconomic and inflationary conditions; future revenue from sales of the Company's products and services; the Company's ability to market, commercialize and achieve broader market acceptance for new products and services offered by the Company; the ability of our biologics and drug delivery partners to achieve commercial success, including their use of the Company's products and services in their delivery of therapies; the Company's expectations, projections and estimates regarding expenses, future revenue, capital requirements, and the availability of and the need for additional financing; the Company's ability to obtain additional funding to support its research and development programs; the ability of the Company to manage the growth of its business; the Company's ability to attract and retain its key employees; and risks inherent in the research, development, and regulatory approval of new products. More detailed information on these and additional factors that could affect the Company's actual results are described in the "Risk Factors" section of the Company's Annual Report on Form 10-K for the year ended December 31, 2022, and the Company's Quarterly Reports on Form 10-Q for the three months ended September 30, 2023, both of which the Company filed with the Securities and Exchange Commission, and the Company's Annual Report on Form 10-K for the year ended December 31, 2023, which the Company intends to file with the Securities and Exchange Commission on or before March 31, 2024. We do not assume any obligation to update these forward-looking statements.



CLEARPOINT[®]

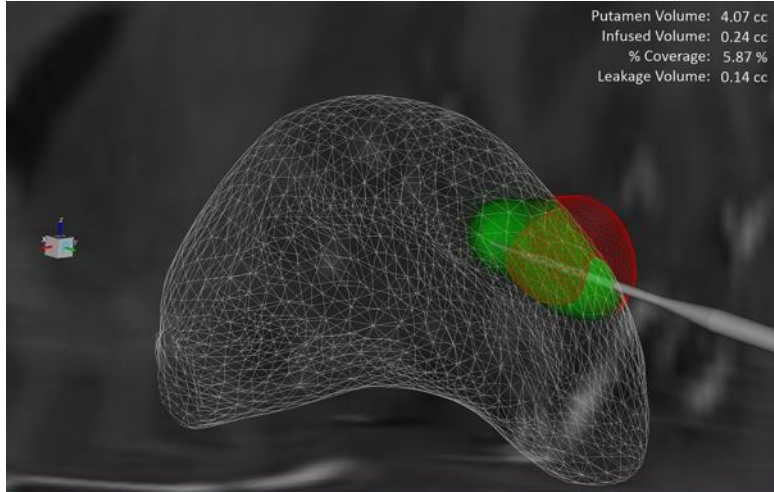
NEURO

Our Company

We Are a Device, Cell and Gene Therapy-Enabling Company, Offering Precise Navigation to the Brain and Spine

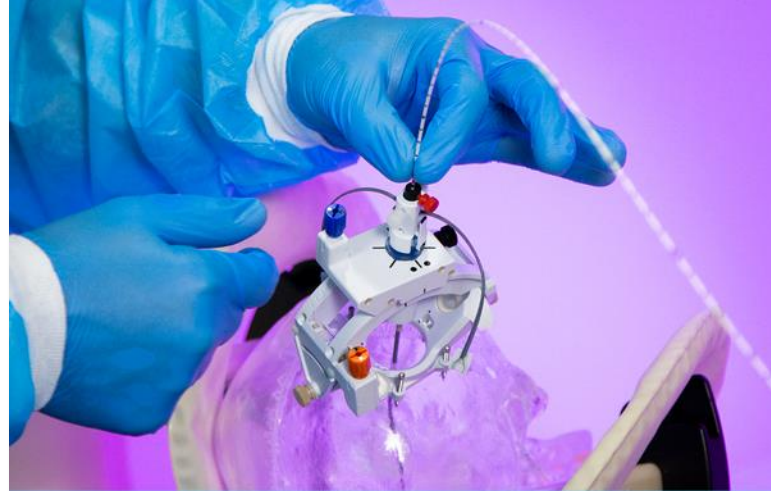
We Uniquely Provide Both Established Clinical Products as well as Pre-Clinical Development Services for Controlled Drug and Device Delivery

A Precision Navigation Company Supporting...



50+ Biotech & Pharma Partners:

- Drug Navigation, Combination-Infusion Devices, A.I. Monitoring Solutions
- Established Quality System and Custom Device Development
- Translational Pre-Clinical, Clinical Trial & Regulatory Services



100+ Global Neurosurgeons:

- Expanding Navigation Systems for both the MRI & Operating Room
- An FDA Cleared Second-Generation Laser Therapy System
- 20+ Global Specialists Providing On-Site Training & Quality Control



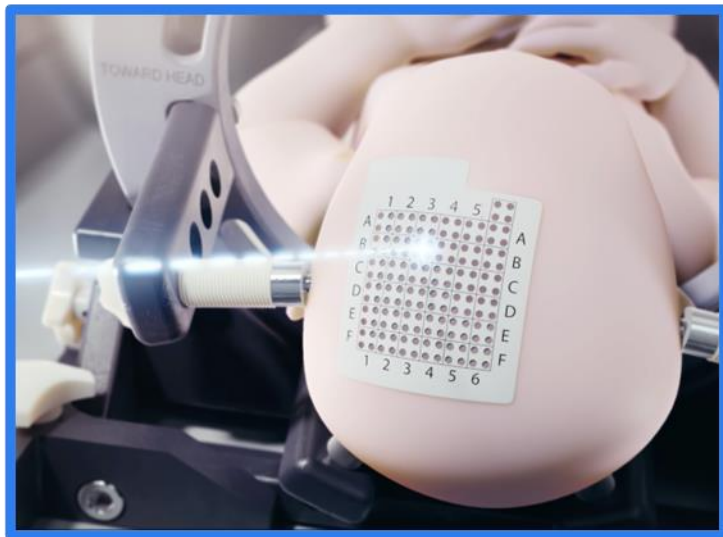
Built On a Strong Foundation:

- 20,000 sq. ft. Manufacturing, R&D Lab
- Regulatory Approvals (FDA, CE, more)
- Established, Audited Quality System
- More than 100 Issued Patents*
- 10 Years of Revenue, 6,000+ Procedures

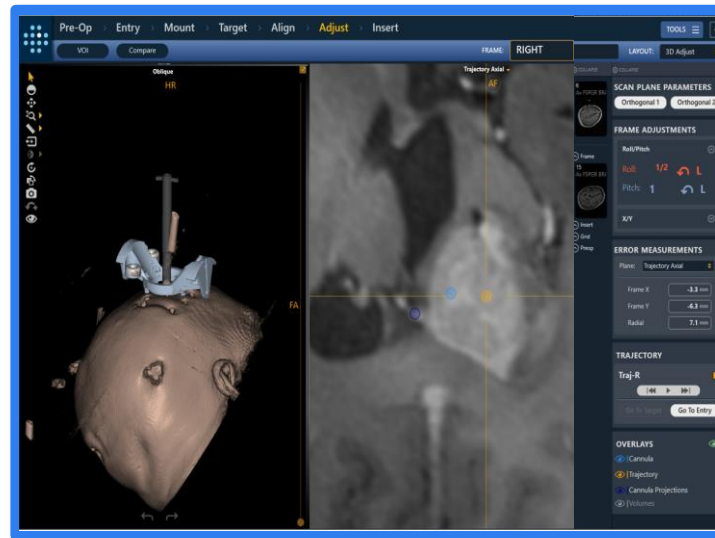
A \$12B+ TAM Diversified Across 35+ Indications and 50+ Partners

The ClearPoint® Neuro Navigation System

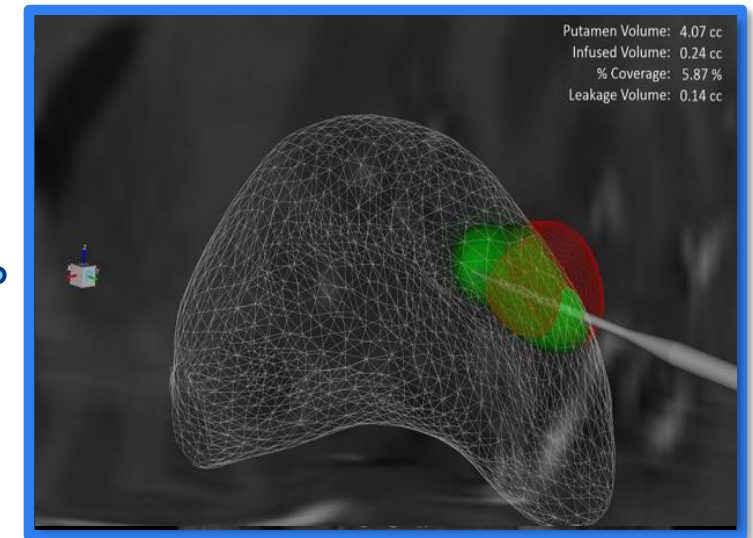
Leverage live MR Imaging to **Decide, Guide, and Confirm** with sub-millimetric accuracy



Pre-Plan Trajectory and
Decide Entry Point



Automatically **Guide** Precision
Adjustments Prior to Insertion



Confirm Quality of Delivery
Into Permanent Record

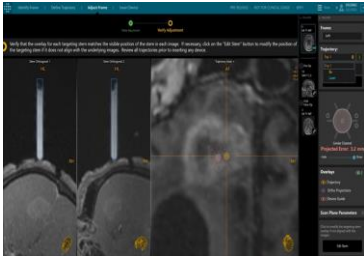
The ClearPoint® Neuro Navigation System: *10+ Years of Experience*

Capital Hardware and Software

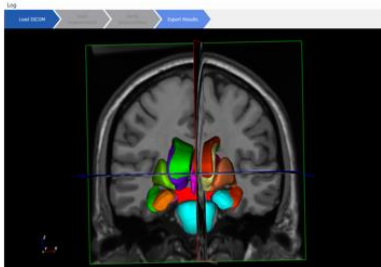


ClearPoint Neuro
Navigation
Software v.2.1

ClearPoint
Array
Software
v.1.2



ClearPoint
Maestro®
Brain Model



Inflexion® Head
Fixation Frame

Multi-Positional
Head Fixation
Frame

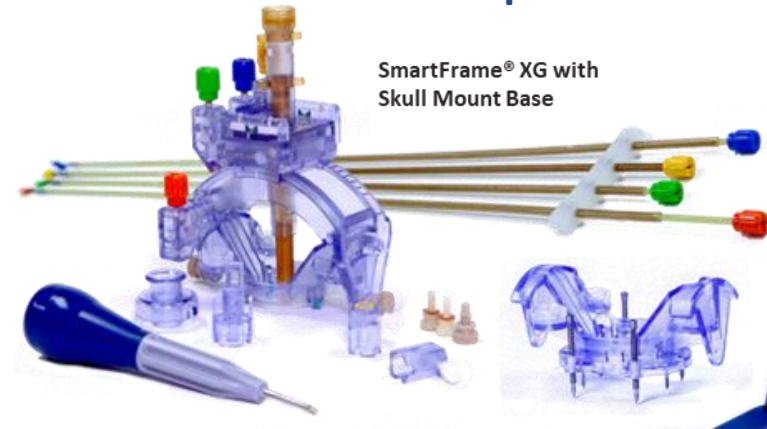


MRI Monitor



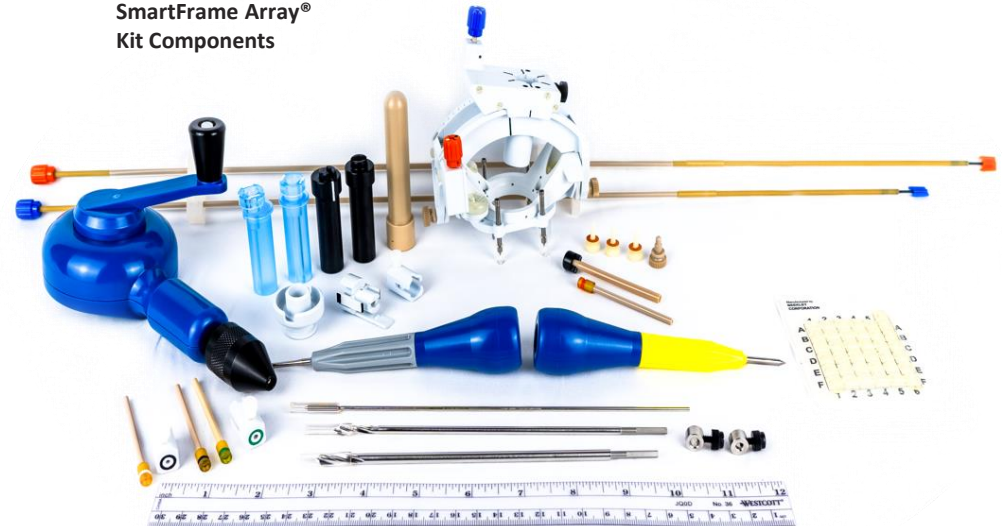
MRI Coils

Disposables



SmartFrame® XG with
Skull Mount Base

SmartFrame Array®
Kit Components



Accessory Kit (4Fr, 5Fr, and 7Fr Available)

A Strong Foundation

Key Products: **FDA** **CE** Marked Platforms

HEADQUARTERS

Solana Beach, CA

MANUFACTURING

Carlsbad, CA

2024 REVENUE GUIDANCE

\$28 m - \$32 m^(A)

CASH & CASH EQUIVALENTS

\$23.1 m^(B)

PATENTS ISSUED

100+^(C)

GROSS MARGIN

60%^(D,E)

EMPLOYEES

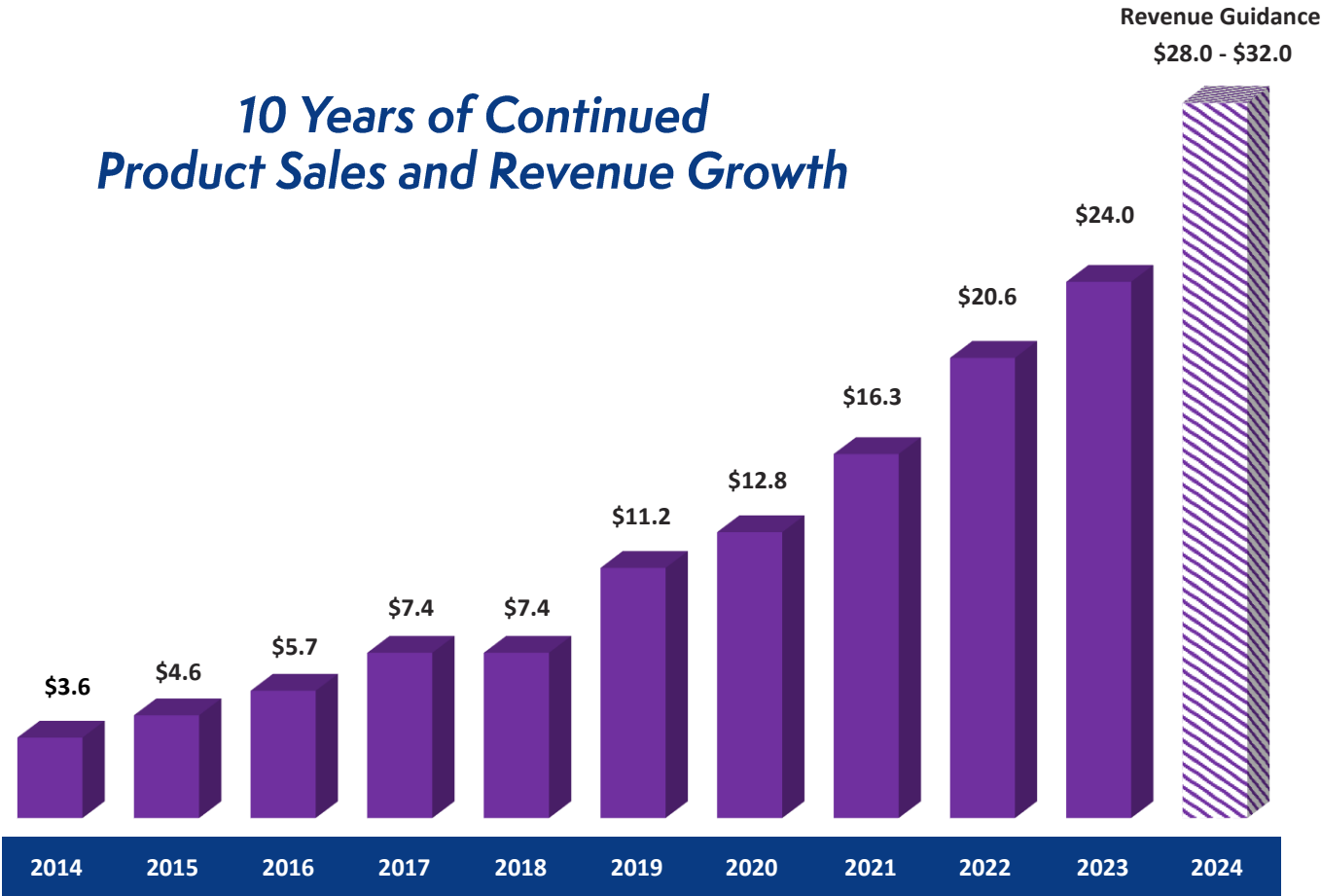
100+

QUALITY SYSTEM

MD-SAP

(A) Estimated and subject to revision
(B) Unaudited as of, and for the quarter ended December 31, 2023
(C) Including owned and licensed patents
(D) For the Trailing Twelve Months (TTM)
(E) Unaudited as of, and for the quarter ended September 30, 2023

10 Years of Continued Product Sales and Revenue Growth



A Strong Foundation

- 1,500 sq. ft Class 8 Clean Room with Expansion Capability
- 1,300 sq. ft Dedicated R&D Lab Space
- ISO 13485/MDSAP/EU MDR Certified Quality System
- Successful Audit Outcomes from Global Regulatory Bodies and Pharma
- Training Facility with over 100 Surgeons and Pharma Scientist Visitors



A Therapy Enabling Platform

75+ Centers in the US, EU, UK, China, Brazil, and Canada

UC San Francisco
Stanford University
Lucile Packard Children's Hospital
Benioff Children's Hospital
San Francisco VA
USC Keck Hospital
UC San Diego
Mayo Clinic in Arizona
University of Colorado
University of Utah
Cook Children's Hospital
Texas Children's Hospital
MD Anderson Cancer Center
Houston Methodist Hospital
Univ. Kansas Medical Center
Dallas Presbyterian Hospital
Cincinnati Jewish Hospital
Children's National Hospital
Banner Health Tucson
Ohio State University
University of Oklahoma Medical Center
Methodist Hospital San Antonio
Barnes-Jewish Hospital
Froedtert Hospital
UT Southwestern Medical Center
Baptist Medical Center Jacksonville
Henry Ford Health

University of Wisconsin
University of Michigan
University of Minnesota
Northwestern Central DuPage
Nationwide Children's
Cincinnati Children's Hospital
Riverside Methodist Hospital
University of Virginia
INOVA Fairfax
Carilion Clinic
JFK University Medical Center

Charles River Labs – Laval
Charles River Labs – Mattawan
Children's Mercy Hospital
Hos. Univ. of Pennsylvania
University of Alabama at Birmingham
CHOA Scottish Rite
Children's Hospital of Alabama
Mayo Clinic in Florida
Oschner Medical Center
Emory University
Duke University

Rigshospitalet (Copenhagen, Denmark)
Mazowiecki Szpital Bródnowski (Warsaw, Poland)
Hôpital Fondation Rothschild (Paris, France)
TIDU GENOV - Institut du Cerveau (Paris, France)
Skånes Universitetssjukhus Lund (Lund, Sweden)
Sahlgrenska Universitetssjukhuset (Gothenburg, Sweden)
University Hospital of Wales (Cardiff, United Kingdom)
Universitätsklinikum Düsseldorf (Düsseldorf, Germany)
Universitätsklinikum Freiburg (Freiburg, Germany)
Policlinico Umberto I (Rome, Italy)
Hospital Israelita Albert Einstein (São Paulo, Brazil)
Charles River Labs (Lyon, France)
Prisys Biotechnologies (Shanghai, China)
Kaleida Health
Mt. Sinai West
Yale University
Weill Cornell
Johns Hopkins University
Boston Children's Hospital
Massachusetts General Hospital
Brigham & Women's
National Institutes of Health
Memorial Sloan-Kettering
Dartmouth-Hitchcock
Beth Israel Deaconess
Children's Hospital of Philadelphia
Hackensack Univ. Med. Center
Tampa General Hospital

100+
Centers
Expected
by 2025

The ClearPoint Platform has been used in over 6,000 procedures

1 Biologics & Drug Delivery*



AskBio

Spark



BlueRock
Therapeutics



uniQure



AVIADO BIO



Aspen
NEUROSCIENCE

charles river

...with 50+ industry and academic partners

2 Navigation for DBS

Medtronic

Boston
Scientific



NEUROPACE



Abbott

3 Laser Therapy



CLEARPOINT
PRISM

MONTERIS
MEDICAL

Medtronic

VISUALASE

ClearPoint Navigation is Compatible with all Major
Diagnostic and Intraoperative MRI Scanners

SIEMENS
Healthineers



































PHILIPS

IMRIS



~\$12B+ Opportunity: Empowering Multiple Treatment Options for 35+ Indications*

ESTIMATED LAUNCH SEQUENCE	Indication	Patient Population	Annual Incidence	Pillar 1: Drug/Cell Delivery	Pillar 2: DBS & BCI	Pillar 3: Laser Therapy	Incremental Revenue from Annual Incidence
	Parkinson's Disease	1,000,000 ¹	60,000 ¹	 			\$270 M - \$1.35 B
	Drug Resistant Epilepsy	1,000,000 ²	11,000 ³	 			\$49.5 M - \$198 M
	Refractory Essential Tremor	3,500,000 ⁴	60,000 ⁵				\$180 M - \$1.08 B
	Brain Tumors (n=3) ⁶	35,000 ^{7,8}	13,300 ^{7,8}	 			\$33.3 M - \$300 M
	Severe Obsessive-Compulsive Disorder	500,000 ^{9,10}	10,000 ^{9,10}				\$45 M - \$75 M
	Dystonia	250,000 ¹¹	8,000 ¹²				\$36 M - \$60 M
	Rare Genetic/Lysosomal (n=7) ¹³	36,500 ¹⁴⁻¹⁸	3,000 ^{14,19,20}	 			\$13.5 M - \$67.5 M
	Paralysis / Spinal Cord (n=15) ^{21,22}	331,000 ²²⁻²⁴	17,900 ²³	 			\$80.6 M - \$403 M
	Huntington's Disease	30,000 ²⁵	4,000 ²⁵	 			\$18 M - \$90 M
	Alzheimer's Disease	6,000,000 ²⁶	500,000 ²⁶	 			\$1.5 B - \$11.3 B
	Severe Major Depressive Disorder	1,000,000 ¹⁰	20,000 ^{10,27}				\$90 M - \$150 M
	Stroke Rehabilitation	2,000,000 ²⁸	610,000 ²⁸				\$1.83 B - \$5.49 B
	Frontotemporal Dementia	60,000 ²⁹	12,000 ²⁹				\$54 M - \$270 M
							\$4.2 B - \$20.8 B

-  Commercial U.S or EU ClearPoint procedures today
-  Active clinical trial
-  Pre-clinical study/testing

Citations & Footnotes

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17. Lysogene Corporate Presentation at 38th Annual J.P. Morgan Healthcare Conference on Jan 13, 2020, http://www.lysogene.com/wp-content/uploads/2020/01/jpm-2020-corporate-presentation_final.pdf
18. “Metachromatic Leukodystrophy,” National Organization of Rare Disorders, <https://rarediseases.org/rare-diseases/metachromatic-leukodystrophy/>
19. “Aromatic L’Amino Acid Decarboxylase Deficiency,” National Organization for Rare Disorders, <https://rarediseases.org/rare-diseases/aromatic-l-amino-acid-decarboxylase-deficiency/>
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Our Company

4 Pillar Growth Strategy by 2025

Development Pipeline Over the Next Two Years

ACHIEVE GLOBAL SCALE
Expand Global Footprint to 100+ Centers
Perform Procedures w/ Remote Clinical Support
Achieve 60%+ Margins & Operational Cashflow Breakeven

4

NEW THERAPY DEVICES
Full Market Release for PRISM Neuro Laser
Integrate Tumor Segmentation Software
Activate Maestro Ablation Coverage & A.I. Predictive Modeling

3

NEURO NAVIGATION FOR DBS
Expand into the Operating Room w/ ClearPoint OR
Show Compatibility with Existing Third-Party Navigation w/ SmartFrame OR
Launch Maestro CT, Non-Rigid Fusion, Area-of-Activation and DTI Harmony Software

2

BIOLOGICS & DRUG DELIVERY
Expand Neuro Pre-Clinical CRO Services and Capacity Including GLP Capability
Expand Partnerships to Include Co-Development, Pass Through Sales, Drug Clinical Milestones & Royalty Based Agreements
Execute on Development Pipeline for Drug Infusion Monitoring/Modelling, Intracranial Cell Therapy and Spinal Routes of Administration

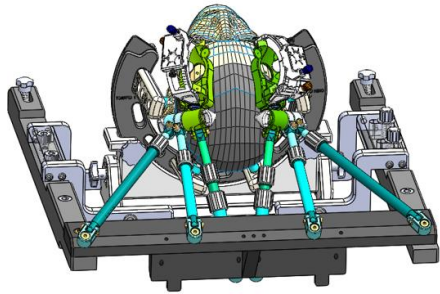
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2024

2025

New Product Growth Drivers Expected in 2024

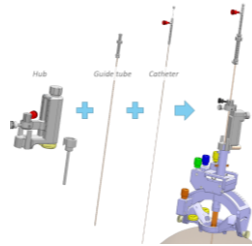
1 Biologics & Drug Delivery



ClearPoint Orchestra™ Head Fixation Frame

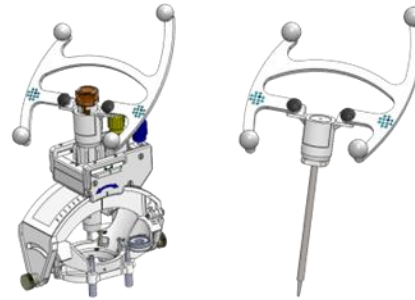


Spinal Infusion Anchoring Devices



Radially Branching Cell therapy Devices

2 Navigation for DBS



ClearPointer™ and SmartFrame O.R.
FDA 510(k) Pending

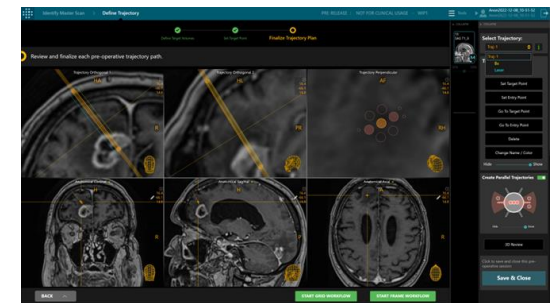


ClearPoint 2.2 Software w/ Embedded
ClearPoint Maestro®

3 Laser Therapy



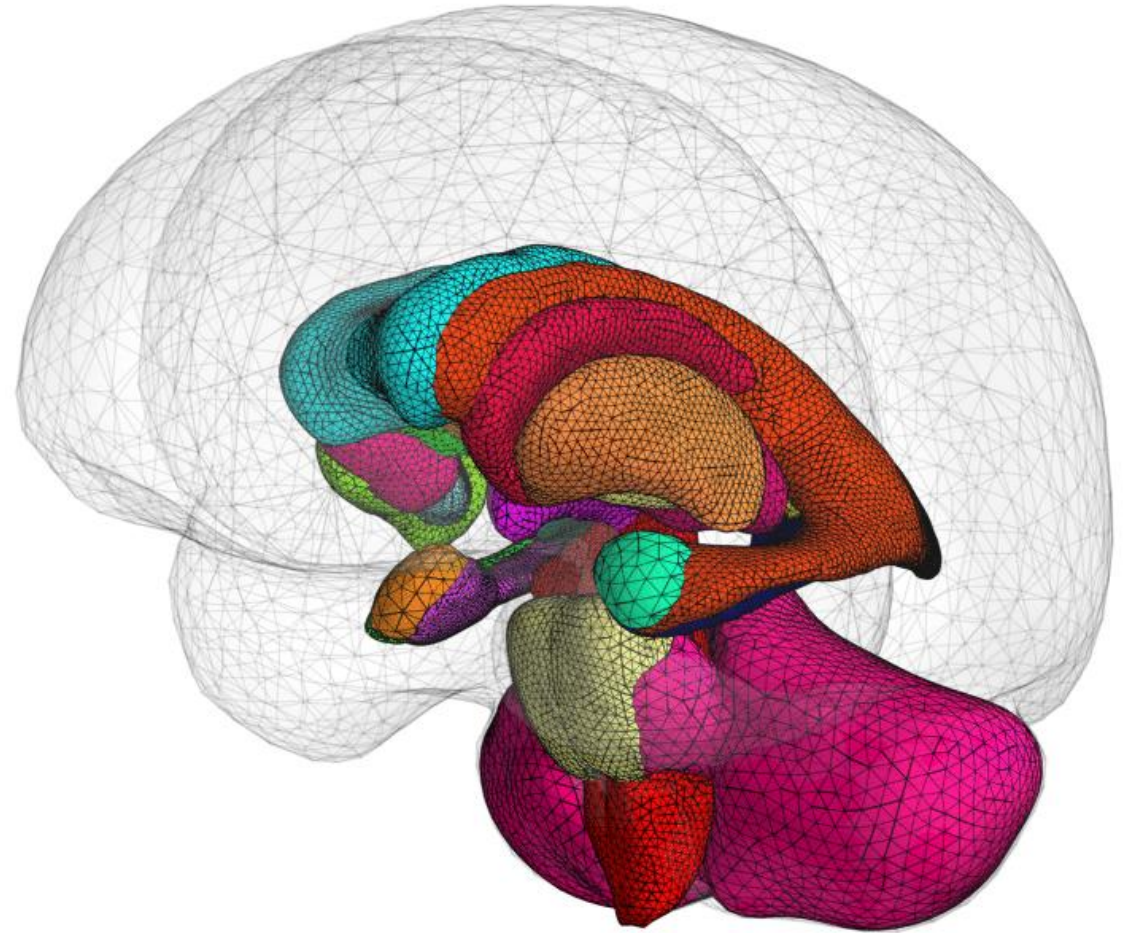
PRISM 3.0 T & 1.5 T Compatible Systems
(1.5 T Compatibility not yet FDA Cleared)



Array 1.2 Parallel Trajectory Tumor Feature

A.I. Powered 'Maestro' Brain Model

- FDA Cleared, Shape Constrained, triangular mesh model enables point-based correspondence across multiple subjects
 - Auto-Segmentation for Device Targeting
 - Direct Navigation in Clinical Trials for Drug Delivery
 - Longitudinal Comparison for Pharma Trial follow-up
- **Platform Engine** for future navigation tools for Drug Delivery, DBS, BCI, Biopsy and Laser Therapy
- Expandable to CT Guidance in the Operating Room



Executive Summary



Unique platform technology

with 10+ years of commercial experience enabling Precision MRI-Guided Therapies to restore quality of life for some of the most debilitating disorders



Expandable Platform

through advanced A.I. and machine learning software applications and strategic partnerships



Total potential addressable market

> \$12B for our products, pipeline and partnerships



Pipeline of new revenue streams

through the expansion into the Operating Room, Launch of our own PRISM Laser Therapy, Maestro Brain Model Deployment and addition of pre-clinical services and capacity including GLP



Large, growing number of customer and partner sites

of 75+ leading Neurosurgery and research centers worldwide, on pace to be in 100+ by 2025



A growing and passionate team

of embedded scientists and specialists





CLEARPOINT®
NEURO

