UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 OR 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): February 15, 2022

CLEARPOINT NEURO, INC.

(Exact name of registrant as specified in its charter)

DELAWARE (State or other jurisdiction of incorporation) 001-34822 (Commission File Number) 58-2394628 (I.R.S. Employer Identification Number)

120 S. Sierra Ave., Suite 100 Solana Beach, California 92075 (Address of principal executive offices, zip code)

(888) 287-9109 (Registrant's telephone number, including area code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

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

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

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

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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

Title of each class	Trading Symbol(s)	Name of each exchange on which registered	
Common Stock, \$0.01 par value per share	CLPT	Nasdaq Capital Market	

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging Growth Company \Box

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 2.02. Results of Operations and Financial Condition.

On February 15, 2022, ClearPoint Neuro, Inc. (the "Company") issued a press release announcing its preliminary, unaudited financial results for the fourth fiscal quarter and year ended December 31, 2021. A copy of the press release is furnished herewith as Exhibit 99.1.

The information in Item 2.02 of this Form 8-K, as well as Exhibit 99.1 attached hereto, shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended (the "Securities Act"), or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

Item 7.01. Regulation FD Disclosure.

On February 15, 2022, the Company posted an updated investor presentation to its website at http://ir.stockpr.com/clearpointneuro/investor-presentations. A copy of the investor presentation is being furnished herewith as Exhibit 99.2. The Company may use the investor presentation from time to time in conversations with analysts, investors and others.

The information in Item 7.01 of this Form 8-K, as well as Exhibit 99.2 attached hereto, shall not be deemed "filed" for purposes of Section 18 of the Exchange Act, nor shall it be deemed incorporated by reference in any filing under the Securities Act or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

The following exhibit is furnished herewith:

Exhibit 104 Cover Page Interactive Data File (embedded within the Inline XBRL document)

SIGNATURES

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

Date: February 15, 2022

CLEARPOINT NEURO, INC.

By: /s/ Danilo D'Alessandro Danilo D'Alessandro Chief Financial Officer



ClearPoint Neuro Reports Fourth Quarter and Full Year 2021 Preliminary Revenue Results and Guidance for Full Year 2022 Revenue Company to Hold Earnings Call on March 1, 2022

SOLANA BEACH, CA, February 15, 2022 – ClearPoint Neuro, Inc. (Nasdaq: CLPT) (the "Company"), a global therapy-enabling platform company providing navigation and delivery to the brain, today announced preliminary, unaudited financial results for its fourth quarter and full year ended December 31, 2021. The Company also announced that its earnings call will take place on Tuesday, March 1, 2022, after the market close.

Fourth Quarter 2021 Revenue Highlights

- Reported revenue of \$4.3 million, a 15% year-over-year increase;
- Increased functional neurosurgery products and services to \$2.1 million, a 37% year-over-year increase;
- Increased biologics and drug delivery revenue to \$1.7 million, a 10% year-over-year increase;
- Clinical team supported 239 cases despite a regional impact of the Omicron variant on elective procedures, a 37% year-over-year increase.

Full Year 2021 Revenue Highlights

- Achieved record revenue of \$16.3 million, a 27% year-over-year increase and within the initial 2021 forecast of \$16.0 \$17.5 million despite the impact of both Delta and Omicron variants throughout the year on elective procedures and supply chain;
- Achieved record case volume of 929 cases, a 36% year-over-year increase and within initial 2021 forecast of 900 1,000 cases supported by our clinical specialist team;
- The Company had approximately \$54.1 million in cash and cash equivalents at December 31, 2021.

Business Outlook

- The Company estimates revenue in 2022 to be between \$20.0 and \$22.0 million, representing growth between 23% and 35%;
- The single largest risk factor for 2022 revenue is expected to remain the impact of COVID, including the resumption of elective procedures post-Omicron and the risk of new emerging variants as seen in 2021.

"As we close the books on 2021, we reflect on a tremendous year for the Company as we have continued to execute and make progress across our fourpillar growth strategy," commented Joe Burnett, President and CEO of ClearPoint Neuro. "Overall, we achieved record revenue and case volume across all of our segments including functional neurosurgery, biologics and drug delivery and capital and service. We also met our initial guidance for both revenue and case volume despite multiple disruptions to elective procedures caused by the Delta and Omicron variants."

"We continue to manage the business appropriately during these uncertain times caused by the pandemic and will use our existing capital to balance growth with thoughtful spending. Our current cash position entering 2022 is \$54.1 million and we do not at present feel the need for additional capital at any time in 2022. We have a unique product offering at a special time and will continue to invest and innovate in the neurosurgical space. If you add up all the different patient indications where we plan to participate using our platform supporting Biologics, Deep Brain Stimulation, Brain-Computer-Interfaces, and laser ablation, the total amounts to 35 different patient populations. In the United States alone, this represents approximately one million new patients diagnosed each year across these various indications who could one day benefit from treatments utilizing the ClearPoint platform."

Investors and analysts are invited to listen to a live broadcast review of the Company's fourth quarter and full year 2021 financial results on Tuesday, March 1, 2022 at 4:30 p.m. Eastern time (1:30 p.m. Pacific time) which may be accessed online here: https://themediaframe.com/mediaframe/webcast.html?webcastid=ZSukJDu1. Investors and analysts who would like to participate in the conference call via telephone may do so at (877) 407-9034, or at (201) 493-6737 if calling from outside the U.S. or Canada.

For those who cannot access the live broadcast, a replay will be available shortly after the completion of the call until Thursday, March 31, 2022 by calling (877) 660-6853, or (201) 612-7415 if calling from outside the U.S. or Canada, and then entering conference I.D. number 413671. An online archive of the broadcast will be available on the Company's website at www.clearpointneuro.com, on the "Investor Relations" page.

About ClearPoint Neuro

ClearPoint Neuro's mission is to improve and restore quality of life to patients and their families by enabling therapies for the most complex neurological

disorders with pinpoint accuracy. Applications of the Company's current product portfolio include deep brain stimulation, laser ablation, biopsy, neuroaspiration, and delivery of drugs, biologics, and gene therapy to the brain. The ClearPoint[®] Neuro Navigation System has FDA clearance, is CE-marked, and is installed in approximately 60 active sites in the United States, Canada, and Europe. ClearPoint Neuro is partnered with approximately 40 biologics/pharmaceutical companies and academic centers, providing solutions for direct CNS delivery of therapeutics in pre-clinical studies and clinical trials worldwide. To date, more than 5,000 cases have been performed and supported by the Company's field-based clinical specialist team, which offers support and services to our customers and partners. For more information, please visit www.clearpointneuro.com.

Forward-Looking Statements

Statements herein concerning the Company's plans, growth and strategies may include forward-looking statements within the context of the federal securities laws. Statements regarding the Company's future events, developments and future performance, as well as management's expectations, beliefs, plans, estimates or projections relating to the future, are forward-looking statements within the meaning of these laws. Uncertainties and risks 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: the impact of the COVID-19 pandemic and the measures adopted to contain its spread; future revenue from sales of the Company's ClearPoint Neuro Navigation System products; the Company's ability to market, commercialize and achieve broader market acceptance for the Company's ClearPoint Neuro Navigation System products; and risks inherent in the research and development of new products. More detailed information on these and additional factors that could affect the Company's Quarterly Report on Form 10-Q for the three months ended September 30, 2021, both of which have been filed with the Securities and Exchange Commission, and the Company's Annual Report on Form 10-K for the year ended December 31, 2020.

Contact:

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Caroline Corner, Investor Relations ir@clearpointneuro.com



WHEN YOUR PATH IS UNCLEAR, WE POINT THE WAY.

Nasdaq: CLPT

February 2022

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Our Company ClearPoint Neuro: **Two** Opportunities, **One** Platform



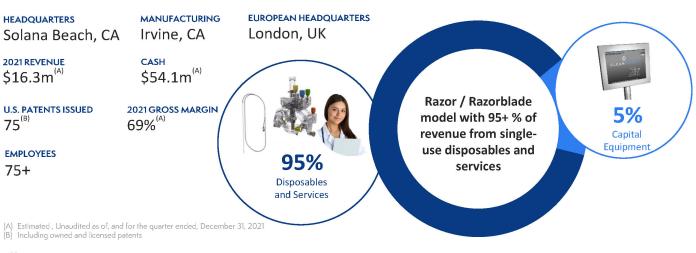
An expanding global installed base of more than 60 centers ٠

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ClearPoint Neuro: A Proven Platform

Key Products: FDA C E Marked Platforms



Limitations of Traditional Stereotactic Neurosurgery Lack of Real-Time Image Guidance

PRIMARY CHALLENGE

For minimally invasive procedures to be successful, the surgeon needs imaging to see into the head

MRI is the best imaging tool for the brain

Large, metallic frames are not MRI compatible







Video source: https://www.youtube.com/watch?v=PsL9B7ftbG4



Big Iron companies like Siemens and Philips are innovating to make interoperative MRI scanners more accessible

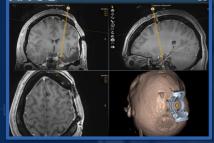


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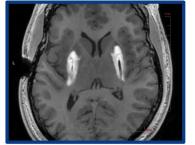


Leverage live MR Imaging to Decide, Guide, Treat and Confirm with sub-millimetric accuracy.

Our Platform

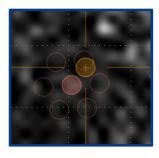
SmartFrame® XG





SmartFrame XG Trajectory Tower with ClearPoint 2.0 Software SmartFrame Array®





SmartFrame Array Tower with "virtual array" Software and next generation robotic system with increased automation and enabling software*

ClearPoint plans to translate more than 10 years of experience and over 5,000 cases performed in the complex MRI suite into unique and competitive products for the Operating Room

© 2022 CLEARPOINT NEURO 7

Our Platform

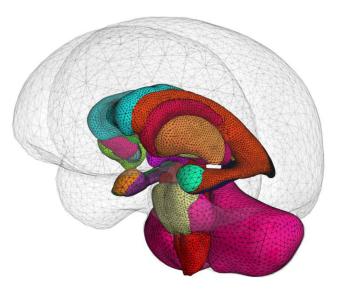
The ClearPoint 'Maestro' Brain Model* Licensed and Jointly Developed with Philips

*Software and Robotic System are currently under development.

- 1. Shape Constrained, triangular mesh model enables point-based correspondence across multiple subjects
- 2. Fast and capable of peri-procedural imaging without CPU acceleration
- This model is the basis for future navigation tools across Biologics & Drug Delivery, DBS Navigation, Brain Computer Interface, Laser Ablation and more.



*The ClearPoint Maestro[™] Brain Model is currently under development.



Broad and Growing User Base of Leading Neurosurgery Centers 60+ Centers in the US; Canada and EU... and Growing Globally

UC San Francisco **Stanford University** Stanford Children's Hospital **UCSF Benioff Children's** San Francisco VA **USC Keck Hospital UC San Diego Mayo Clinic Phoenix** 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 号 Dallas Presbyterian Hospital 🔍 Cincinnati Jewish Children's National Banner Health Tucson Ohio State University **University of Oklahoma Medical Center** Methodist Hospital San Antonio Barnes-Jewish Hospital

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University of Wisconsin University of Michigan University of Minnesota Cincinnati Children's Hospital Cleveland Clinic Northwestern Central DuPage Nationwide Children's UPMC

Charles River Labs – Laval Charles River Labs – Mattawan Children's Mercy Hospital CHOA Scottish Rite Le Bonheur INOVA Fairfax Carilion Clinic Hos. Univ. of Pennsylvania

100+ Centers Expected by 2025 Rigshospitalet (Copenhagen, Denmark) Mazowiecki Szpital Bródnowski (Warsaw, Poland) Hôpital Fondation Rothschild (Paris, France) Skåne University Hospital (Lund, Sweden) Cardiff University (United Kingdom) Mt. Sinai West **Yale University** Weill Cornell Johns Hopkins University **Boston Children's Hospital Brigham & Women's** Massachusetts General Hospital National Institutes of Health **Memorial Sloan-Kettering** Dartmouth-Hitchcock **Beth Israel Deaconess** Children's Hospital of Philadelphia Hackensack Univ. Med. Center University of Virginia Children's Hospital of Alabama **Duke University** Tampa General Hospital **Mayo Clinic in Florida Emory University**

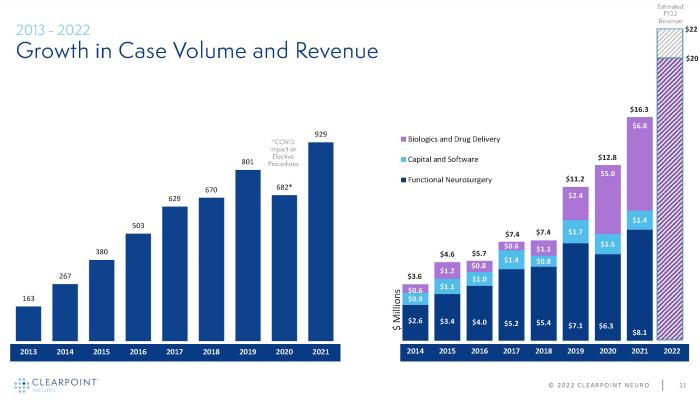
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Our MRI-guided therapy platform is currently being used to...



... Approximately 40 total commercial and academic partners



ClearPoint Neuro Mark				-		Pillar 4: Global Expansion ~2 X U.S. Revenue
~\$12B+ Opportun	· · · ·	<u> </u>	Pillar 1:	Options to Pillar 2:	or 35+ Indic	ations [*]
Indication	Patient Population	Annual Incidence	Drug/Cell Delivery	DBS & BCI	Laser Ablation	from Annual Incidence
Parkinson's Disease	1,000,000 ¹	60,000 ¹	00			\$270 M - \$1.35 B
Drug Resistant Epilepsy	1,000,000 ²	11,000 ³	00			\$49.5 M - \$198 M
Refractory Essential Tremor	3,500,0004	60,0005			0	\$180 M - \$1.08 B
Brain Tumors (n=3) ⁶	35,000 ^{7,8}	13,300 ^{7,8}	00			\$33.3 M - \$300 M
Severe Obsessive-Compulsive Disorder	500,000 ^{9,10}	10,000 ^{9,10}				\$45 M - \$75 M
Severe Obsessive-Compulsive Disorder	250,00011	8,00012				\$36 M - \$60 M
	36,50014-18	3,000 ^{14,19,20}	00			\$13.5 M - \$67.5 M
Rare Genetic/Lysosomal (n=7) ¹³ Paralysis / Spinal Cord (n=15) ^{21,22} Huntington's Disease	331,00022-24	17,90023	ÕÕ	0		\$80.6 M - \$403 M
Huntington's Disease	30,000 ²⁵	4,00025	00	0		\$18 M - \$90 M
Auditory Nerve Implant Alzheimer's Disease Severe Major Depressive Disorder	1,867,000 ^{26,27}	7,000 ^{26,27}		0		\$31.5 M - \$63 M
Alzheimer's Disease	6,000,000 ²⁸	500,000 ²⁸	00	0		\$1.5 B - \$11.3 B
Severe Major Depressive Disorder	1,000,00010	20,00010,29		0		\$90 M - \$150 M
Stroke Rehabilitation	2,000,000 ³⁰	610,000 ³⁰		0		\$1.83 B - \$5.49 B
Frontotemporal Dementia	60,000 ³¹	12,00031	0			\$54 M – \$270 M
						\$4.2 B - \$20.8 B
Commercial U.S & EU ClearPoint procedures today			ClearPoint Neuro Navigation Capital, Robotics & Disposables			
CLEARPOINT Active clinical trial		Cannulas, Pumps	MER Probes	Laser Cath., Biopsy		
		Access Technologies, Clinical Services, Digital Health			12	

Access Technologies, Clinical Services, Digital Health *Citations & footnotes on next slide

ClearPoint Neuro Market Opportunity – United States

Citations & Footnotes

- "Parkinson's Disease Statistics," Parkinson's News Today, https://parkinsonsnewstoday.com/parkinsons-disease-statistics/#:~:text=An%20estimated%20seven%20to%2010,who%20are%2080%20and%20older 1. Neurona Therapeutics. (2021 November 4). Neurona Therapeutics Receives IND Clearance to Initiate Phase 1/2 Clinical Trial of Neural Cell Therapy NRTX-1001 in Chronic Focal Epilepsy Patients [Press release
- https://www.neuronatherapeutics.com/wp-content/uploads/2021/11/2021 11 01 -INDClearance FINALVersion.pdf Asadi-Pooya AA, Stewart GR, Abrams DJ, Sharan A. Prevalence and Incidence of Drug-Resistant Mesial Temporal Lobe Epilepsy in the United States. World Neurosurg. 2017;99:662-666
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- 5.
- Includes: Glioblastoma, Diffuse Intrinsic Pontine Glioma and deep small eloquent brain tumors. 6.
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- 15. PTC Therapeutics November 30, 2021 Corporate Presentation, https://ir.ptcbio.com/static-files/0fd5d54f-55b8-416b-8006-4eb4c0d82f45
- "Spinocerebellar ataxia type 3," Orphanet, https://www.orpha.net/consor/cgi-bin/OC Exp.php?lng=EN&Expert=98757 16.
- 17. Lysogene Corporate Presentation at 38th Annual J.P. Morgan Healthcare Conference on Jan 13, 2020, <u>http://www.lysogene.com/wp-content/uploads/2020/01/jpm-2020-corporate-presentation_final.pdf</u> 18. "Metachromatic Leukodystrophy," National Organization of Rare Disorders, <u>https://rarediseases.org/rare-diseases/metachromatic-leukodystrophy/</u>
- 19. "Aromatic L'Amino Acid Decarboxylase Deficiency," National Organization for Rare Disorders, <u>https://rarediseases.org/rare-diseases/aromatic-l-amino-acid-decarboxylase-deficiency/</u> 20. Puckett Y, Mallorga-Hernández A, Montaño AM. Epidemiology of mucopolysaccharidoses (MPS) in United States: challenges and opportunities. *Orphanet J Rare Dis*. 2021;16(1):241. Published 2021 May 29.
- 21. Includes: stroke, spinal cord injury, multiple sclerosis, cerebral palsy, other (traumatic brain injury, complications from surgery, amyotrophic lateral sclerosis, neurofibromatosis, Chiari malformation, syringomyelia, postpolio syndrome, spinal muscular atrophy, Friedreich's ataxia, transverse myelitis, and spina bifida).
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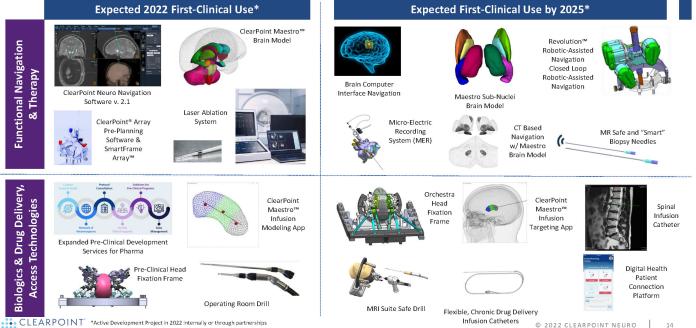
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Innovation Pipeline

ClearPoint Neuro is Dedicated to Innovation in the Neuro Space



CLEARPOINT *Active Development Project in 2022 internally or through partnerships

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New Global Showcase Site ClearPoint Global Training & Innovation Center – Solana Beach, CA



- Simulated training experience for surgeons and staff to perform mock procedures and provide development pipeline feedback
- Showcase new technologies to Pharmaceutical and BCI partners
- Home for Clinical Specialists to support cases remotely without travel



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4 Pillar Growth Strategy by 2025

Target Indications of > 1,000,000 Patients Diagnosed Each Year Potential Total Addressable Market for CLPT of \$12B+ © 2022 CLEARPOINT NEURO

ACHIEVE GLOBAL SCALE Expand Global Footprint to 100 Centers Open WW Training / Remote Support Facility Launch Robotic Platform into MRI and O.R. Release Digital Health Patient Portal Application

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NEURO NAVIGATION FOR DBS & BCI

Expand into the Operating Room, Enter the MER Market Educate Patients on DBS Options including 'Asleep' and 'Awake' Procedures Participate in Trials for new DBS indications Launch surgical solution for Brain-Computer Interfaces (BCI)



BIOLOGICS & DRUG DELIVERY

Expand Translational & Clinical Services Accumulate Additional Global Partners Across Diverse Indications xecute on Development Pipeline for Intracranial and Spinal Routes of Administration Expand Partnership Models to Include Milestone Based Collaborative Agreements

2025

CLEARPOINT

2022

CLPT Capabilities Executive Summary

