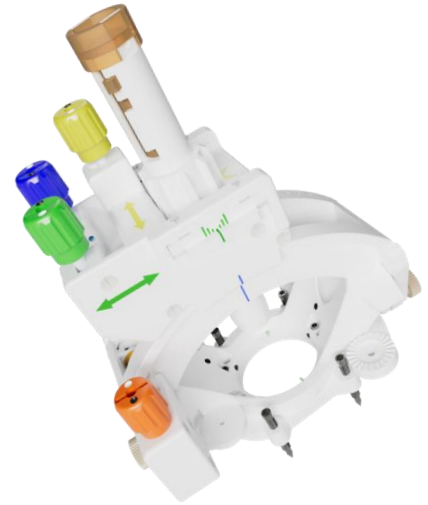


SmartFrame OR™

For Use in the Operating Room with Existing Capital Equipment

Achieve accuracy in DBS electrode lead placements, catheter insertions, and biopsies.



	SmartFrame OR	NexFrame	Benefits of SmartFrame OR
Mounting Options	Skull Mount or Scalp Mount	Skull Mount	Flexibility to suit the procedure and preference of the surgeon
Minimum Base Separation	4.5 cm	7 cm	Enhanced for Bilateral GPi cases
Cone of Reachability	33° Pitch & 26° Roll	25° x 25°	Expanded reach for deep targets, particularly on lateral trajectories
Navigation Adjustments	Set-and-Release Thumbwheel Dials	Sweep & Swivel with wingnut locking	Hold the trajectory once aligned
XY Stage	+/- 2.5 mm	2-mm c-t-c Bengun Offset Channels	Continuous fine-tune adjustments
Achieve Planned Entry Point	Reset entry point in optical nav software, but can use XY stage	Reset entry point in optical nav software	Reduce the tradeoff between plan and what can be reached
The PIVOT iCT Correction Step	<u>Pre-Insertion Verification Of Trajectory</u>	2-mm c-t-c Bengun Offset Channels	Assess and improve accuracy prior to insertion
Access to Surgical Site	Dual sided 3 cm opening	Single sided variable access window	Allows finer dexterity during device anchoring or removal
Category	Disposable	Disposable	Frameless options arrive sterile, calibrated, and ready-to-use kits
Available Kits	Unilateral, B/I Sequential, and B/I Simultaneous	Bilateral Sequential	Each option offers advantages for balancing case time and cost
Patient State	Local or General Anesthesia	Local Anesthesia Only	Options for both at the discretion of the surgeon

* SmartFrame OR is cleared for use with StealthStation 8 SW v2.0 and 2.1

* NexFrame User Manual NexFrame L011-500 (Rev A1, 2019-11-05)

SmartFrame OR is It is not intended for intraoperative MRI workflows

Standard Workflow

1st - Optical nav guides:



2nd - iCT imaging guides:

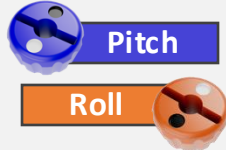


**Locate
Entry Point**



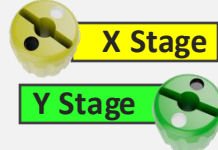
The ClearPointer™
Optical Navigation Wand

**Align
Trajectory**



**Angulation
Changes**

**Adjust
XY Stage**



**Translational
Changes**

**Insert &
Confirm**



**Imaging and/or
IntraOp Stim**



The ClearPointer
Optical Navigation Wand

- Serves as a functional substitute for NexProbe
- Attaches to SmartFrame OR during alignment
- Facilitates ≤ 1.0 mm imaging registration error
- Can be used with bone screw fiducials for image registration

Hierarchy of Benefits



**Procedure Time
& Efficiency**

- Perform entire case in the OR
- Decreased time compared to MRIg



**Cost
Management**

- Reduce or eliminate costs associated with MER
- Leverage existing capital equipment (Stealth & iCT)



**Accuracy
& Outcomes**

- Verify and refine the trajectory prior to insertion with iCT
- Increase confidence in the accuracy of your optical workflow



**Patient Safety
& Comfort**

- Allows for either local or general anesthesia workflows
- Risk of hemorrhage and infection may be reduced if the single-pass workflow is used

Foundational Priorities

Inquire at info@clearpointneuro.com



info@clearpointneuro.com
www.ClearPointNeuro.com

About ClearPoint Neuro

ClearPoint Neuro is 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. ClearPoint Neuro is engaged with healthcare and research centers in North America, Europe, Asia, and South America.