



# microTargeting™ Solution for Integra™ Depth Electrode Placement

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**Patient-specific stereotactic system that allows a surgical team to quickly place an unlimited number\* of Integra™ Auragen SEEG depth electrodes with cannula.**

FHC's microTargeting solution for Integra™ SEEG Depth Electrode placement provides guidance for a 1.8mm cannula and a 3.2mm drill to accurately place Integra™ Depth Electrodes using WayPoint™ bone anchors serving as fiducials and a patient-customized microTargeting Multi-Oblique Platform created with WayPoint Navigator software. Over twenty independent trajectories may be configured with a single platform. Once the platform is attached, all of the trajectories are available for implantation. This allows for rapid progression between trajectories as well as the possibility of simultaneous use by multiple surgeons.

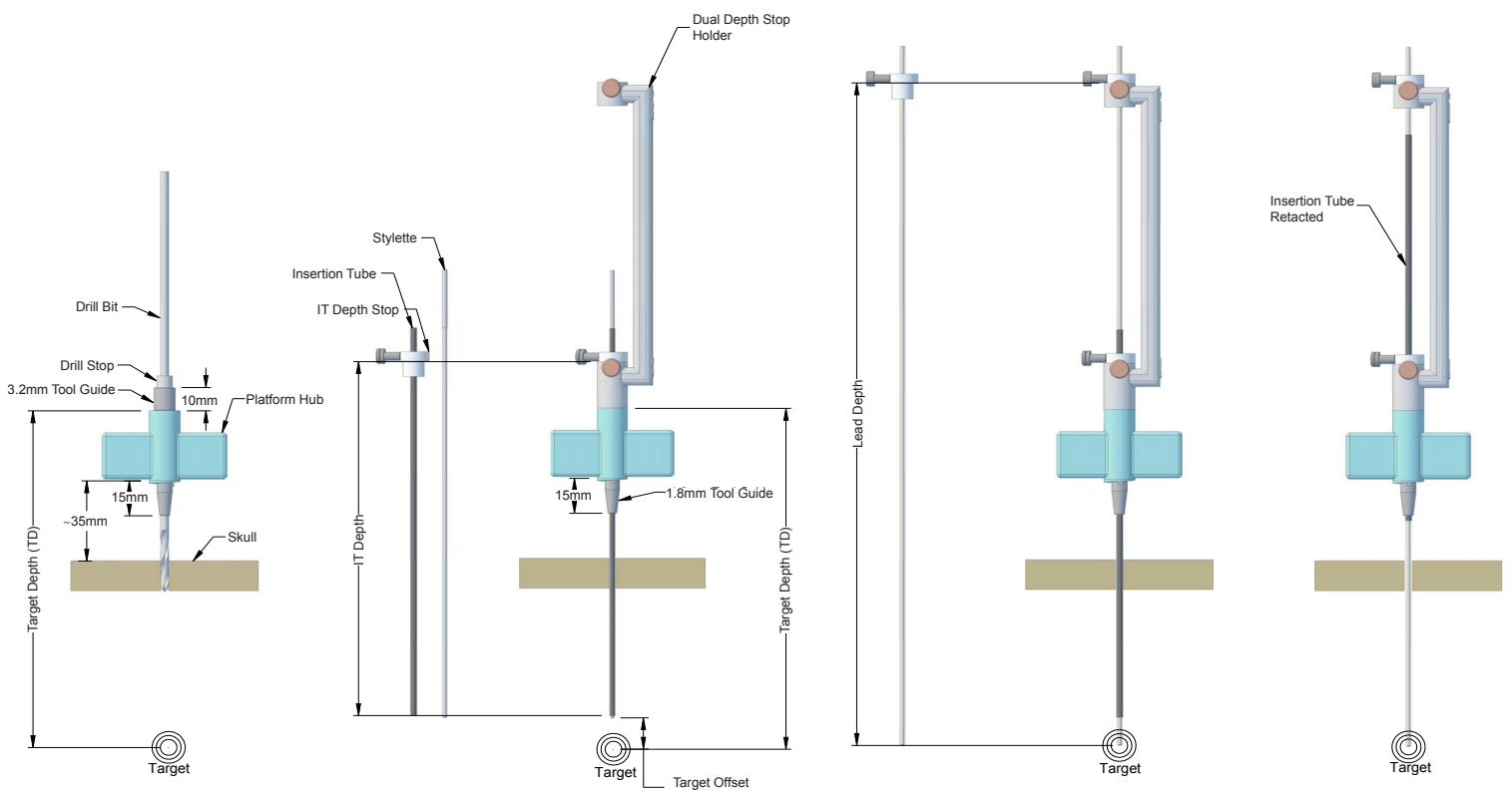
FHC also offers both a microTargeting solution for Visualase® Laser Ablation and one for NeuroPace RNS® System, that allow both localization and treatment to be performed using the same technology.

\* "There is no practical limitation to the number of electrodes that can be implanted."

Dewan MC et al. J Neurosurg. 2017 Dec 15:1-9. doi: 10.3171/2017.6.JNS17881

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- ✓ WayPoint bone anchors serving as fiducials are placed in clinical setting 7-28 days before surgery
- ✓ Anchors and scans may be reused for subsequent microTargeting treatment solutions
- ✓ No restrictions on positioning of the anchors, selecting the trajectory entry point or orientation
- ✓ Patient-customized platform quickly attaches to bone anchors in OR
- ✓ Supports implantation of all SEEG depth electrodes using a single platform
- ✓ Platform delivered to hospital in 5 days



## Procedure Overview:

1. Use 3.2mm Tool Guide (66-MO-01) and user supplied 3.2 drill to drill through skull.
2. Position IT Depth Stop (66-DS-IT) on Insertion Tube (66-IT (AO10)) (refer to figure).
3. Insert 1.8mm Tool Guide (66-MO-02) then attach Dual Depth Holder (66-DH-40).
4. Insert insertion tube through guide until Depth Stop rests in lower holder.
5. Position 1.8mm Depth Stop (66-AC-DS (1.8)) on lead (refer to figure).
6. Insert lead into insertion tube until Depth Stop rests in upper holder.
7. Loosen IT Depth Stop and raise tube, secure lead, then remove components from previous steps.

## Ordering Information:

### Reusable tools/planning software:

- 66-ST-MO – Sterilization tray, ruler, cleaning brush
- 66-MO-01 – 3.2mm Tool Guide (for drill)
- 66-MO-02 – 1.8mm Tool Guide
- 66-IT(AO10) – 175mm Insertion Tube Set
- 66-DS-IT – Insertion Tube Depth Stop
- 66-AC-DS(1.8) – 1.8mm Depth Stop
- 66-WP-NV(4.5) – WayPoint Navigator

### Per case:

- MP-KIT-P-EO – Multi trajectory oblique platform
- 66-DH-40 – 140mm dual depth stop holder

## Additional Items Required for Operation:

- Integra Auragen Depth Electrode
- (various) 3.2mm drill
- (Vendor) Integra Auragen depth electrodes

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