



microTargeting™ Solution for Ad-Tech® Depth Electrode Placement

Patient-specific stereotactic system that allows a surgical team to quickly place an unlimited number* of Ad-Tech® SEEG depth electrodes using Ad-Tech® skull bolts, drill and wrench.

FHC's microTargeting solution for Ad-Tech® SEEG depth electrode placement provides guidance for the Ad-Tech® 2.4mm drill and a 2.4mm anchor wrench to accurately place Ad-Tech® Anchor Bolts and Depth Electrodes using WayPoint™ bone anchors serving as fiducials and a patient-specific 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.

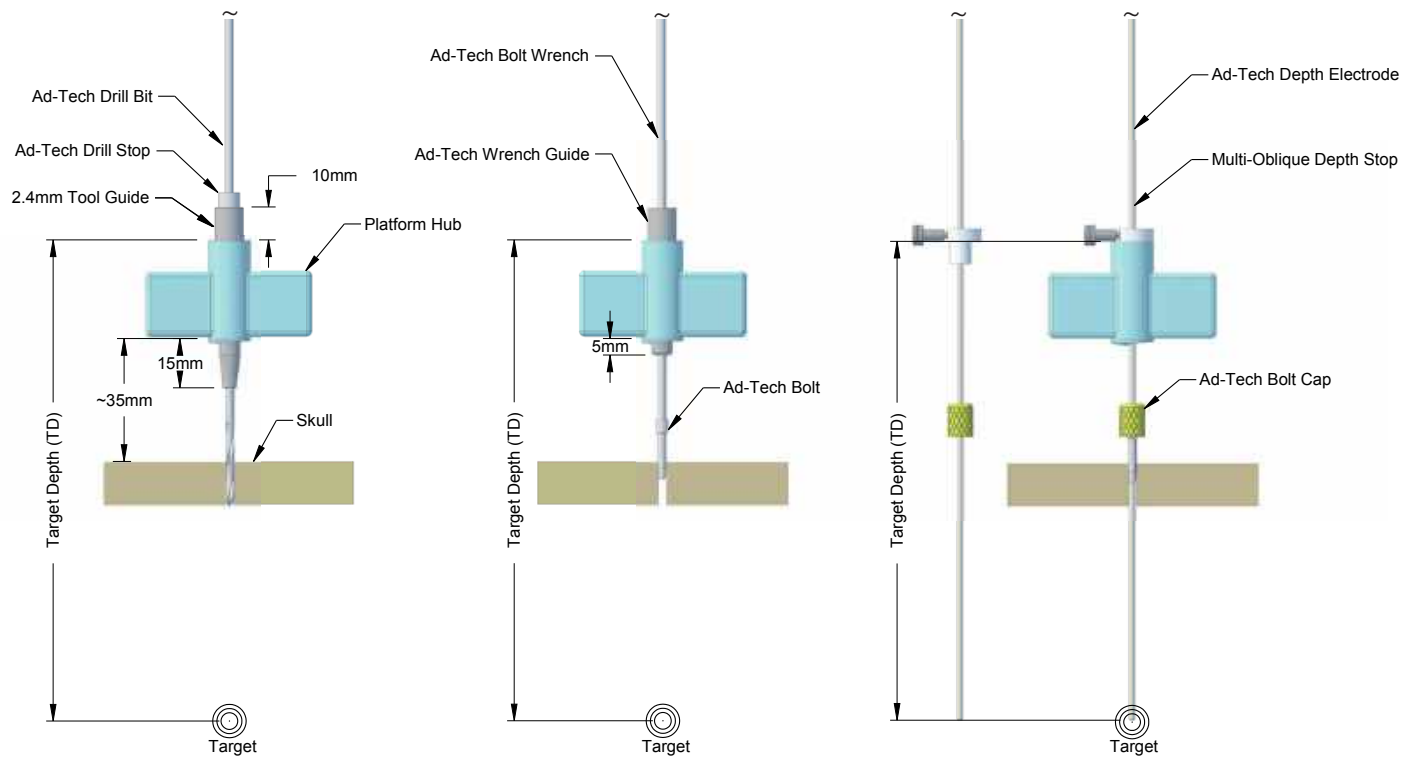
FHC also offers both a microTargeting solution for Visualase® Laser Ablation and one for NeuroPace RNS® System, that allow both localization and treatment to be performed using the same technology.

* "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
- ✓ Patient-customized platform quickly attaches to pre-implanted bone anchors in OR
- ✓ No restrictions on positioning of the anchors, selecting the trajectory entry point or orientation
- ✓ Anchors and scans may be reused for subsequent microTargeting treatment solutions
- ✓ Supports implantation of all SEEG depth electrodes using a single platform
- ✓ Platform delivered to hospital in 5 days



Note: Ad-Tech bolts can extend 10mm into wrench guide

Procedure Overview:

1. Use 2.4mm Tool Guide (66-MO-04 or 66-MO-06) to guide Ad-Tech drill through Skull.
2. Use 2.4mm Ad-Tech Bolt Guide (66-MO-21) to screw Ad-Tech bolt into the hole using Ad-Tech wrench.
3. Position Ad-Tech cap and Multi-Oblique Depth Stop (66-DS-MO) on lead (refer to figure).
4. Remove guide and insert Ad-Tech depth electrode into bolt until depth stop rests on platform.
5. Tighten Ad-Tech cap then loosen and remove Multi-Oblique Depth Stop.

Ordering Information:

Reusable tools/planning software:

- 66-ST-MO – Sterilization tray, ruler, cleaning brush
- 66-MO-04 – 2.4mm Tool Guide
- 66-MO-21 – 2.4mm AdTech® Bolt Guide
- 66-DS-MO – Multi-Oblique Depth Stop
- 66-WP-NV(4.5) – WayPoint Navigator

Per case:

- MP-KIT-P-EO – Multi trajectory oblique platform

Additional Items Required for Operation:

- (vendor) Ad-Tech® 2.4mm drill
- (vendor) Ad-Tech® 13mm or 21mm Anchor Bolt
- (vendor) Ad-Tech® 2.4mm wrench
- (vendor) Ad-Tech® depth electrodes

L022-04 (Rev C1, 2020-01-16)

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