



# microTargeting™ Multi-Oblique Platform for Epilepsy Surgery

The microTargeting™ Multi-Oblique Platform for Epilepsy Surgery revolutionizes the stereotactic placement of depth electrodes for the localization of the epileptic seizure onset zones, and placement of laser ablation or NeuroPace RNS devices for treatment. The platform allows unrestricted positioning of the anchoring points, entry points and choice of trajectory orientations. The fixed, single-body design simplifies the procedure by providing simultaneous access to all trajectories which allows precise placement of electrodes and without the need for adjusting positions between trajectories, which is required for traditional stereotactic frames or robots, reducing time in the OR. Surgical planning can be done outside the OR, which allows surgeons to focus on optimizing their planning and minimizes OR time.

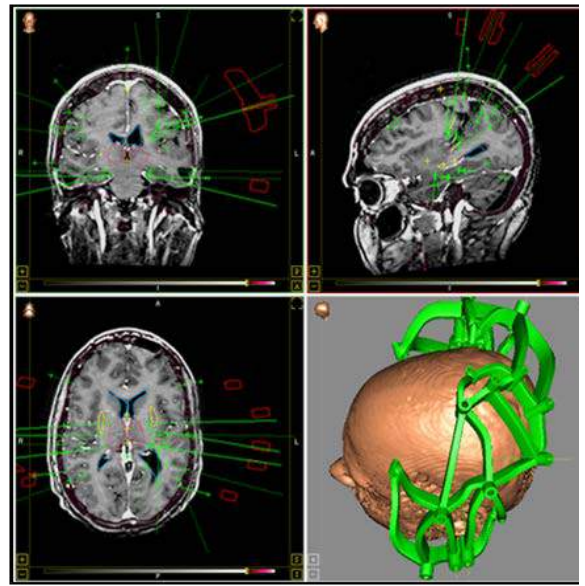
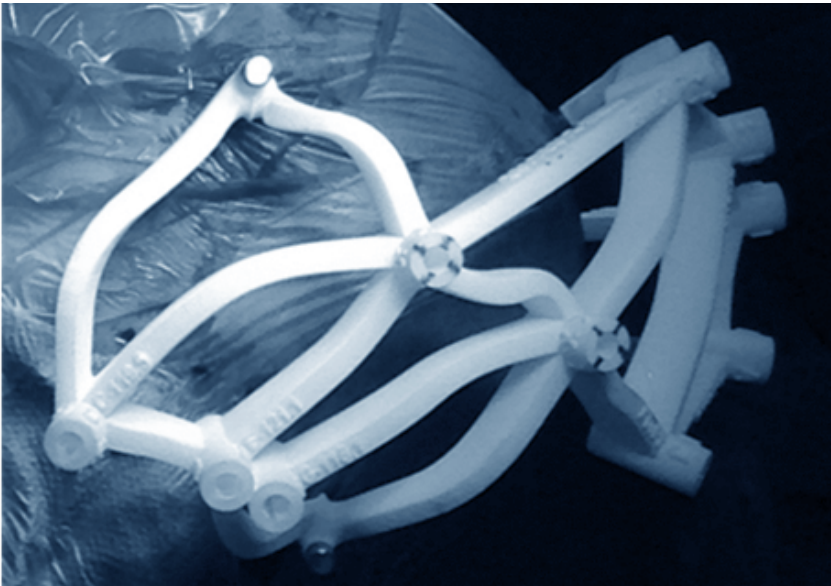
For epilepsy, the microTargeting Multi-Oblique Epilepsy Platform is created from our microTargeting Platform planning and design software. It results in a patient-personalized, single-body design platform that supports the placement of multiple electrodes that are accurately guided along preset trajectories at various depths. Tool guides and accessories are available to support the use of depth electrodes from multiple manufacturers.

When a patient's therapy also includes Visualase® or Monteris laser ablation or NeuroPace RNS, an additional platform may be created to guide the laser ablation probe or implant the NeuroPace RNS lead along a new treatment trajectory. By keeping the initial platform anchors in place, the same set of surgical planning scans can be used to plan the treatment trajectory, which further simplifies the combined workflow.

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## Benefits:

- **Reduced OR Setup:** anchor insertion, scanning, co-registration and surgical planning activities are all performed outside of the OR.
- **Efficient OR Workflow:** all trajectories are pre-configured in a single platform. No adjustments required to move between trajectories. Supports simultaneous use of multiple trajectories.
- **Flexible:** platform allows electrodes to be positioned following any trajectory, virtually anywhere in the brain, including the most challenging locations.
- **Unique:** small MR compatible anchors, available in 5mm and 4mm lengths, may be remain on the patient's skull for up to 28 days and used to affix a 2<sup>nd</sup> platform for laser ablation.
- **Light weight:** platform applies minimal force to skull allowing use in challenging cases.
- **Convenient:** Minimalistic lightweight design allows easy patient repositioning during surgery, for clear access to all electrode entry points.



## Ordering Information:

MP-KIT-P-ES – microTargeting Multi-Oblique Single Trajectory Platform

MP-KIT-P-ED – microTargeting Multi-Oblique Dual Trajectory Platform

MP-KIT-P-EO – microTargeting Multi-Oblique Epilepsy Platform

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## Additional Items Required for Operation:

66-WP-NV (4.5) – WayPoint Navigator

66-WP-RU – WayPoint Anchor/Locator Implantation Kit

**and** 66-WP-AN5 – WayPoint Anchors – 5mm thread

**or** 66-WP-AN – WayPoint Anchors – 4mm thread

**or** 66-WP-IKS – WayPoint Disposable Anchor/Locator Implantation Kit

Various – WayPoint Standoffs and thumbknobs

**or** 66-WP-SKS – WayPoint Platform Surgical Kit

Various – FHC Multi-Obliques guides & Accessories

Various – Vendor specific SEEG Depth Electrodes, Accessories and Tools

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