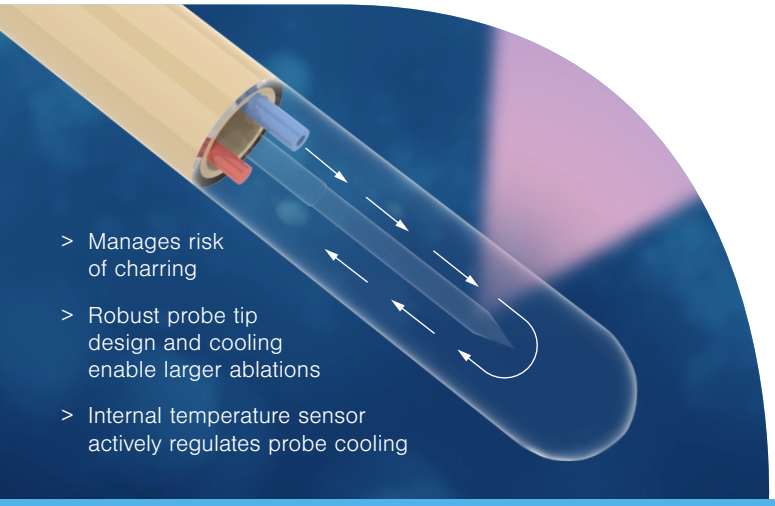
MONTERIS MEDICAL

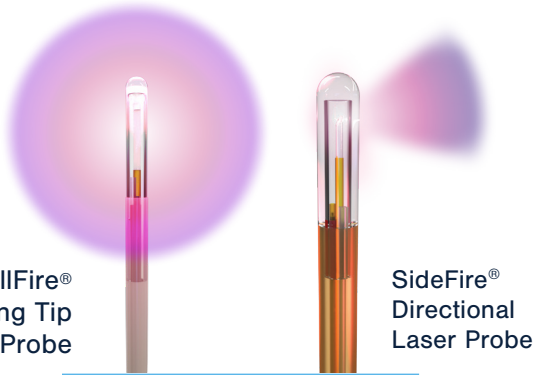
NeuroBlate® SYSTEM

LEADING
WITH NEARLY
8,000
NEUROBLATE PROCEDURES



- Manages risk of charring
- Robust probe tip design and cooling enable larger ablations
- Internal temperature sensor actively regulates probe cooling

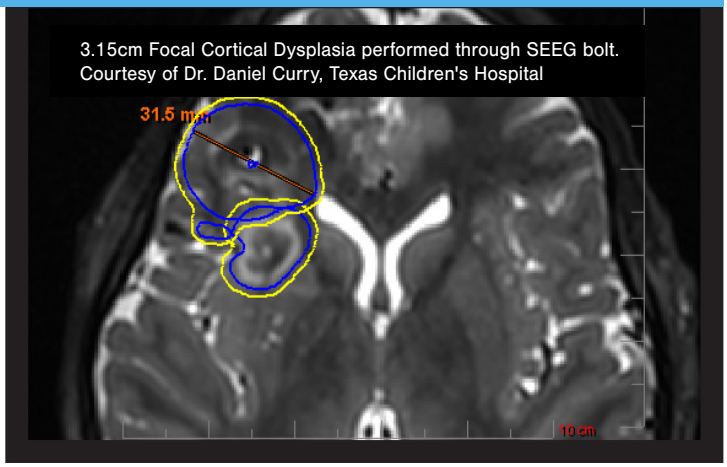
SETTING THE STANDARD WITH COOLED LASER PROBES



FullFire® Diffusing Tip Laser Probe

SideFire® Directional Laser Probe

MODERN DESIGN = COOLED LASER PROBES



3.15cm Focal Cortical Dysplasia performed through SEEG bolt.
Courtesy of Dr. Daniel Curry, Texas Children's Hospital

Non-cooled laser probes have been used throughout the body for decades with varying tip technologies, while **MRgLITT was specifically designed for use in the brain** and has been dominated by laser fiber tips with internal cooling and uniform energy emission.

- **Larger ablation sizes** are possible with NeuroBlate due to laser probe cooling, **3cm in diameter or larger for some cases.**
- Coupled with pulsed lasing, NeuroBlate cooled probes **control heat propagation — a critical safety mechanism.**
- Laser probe cooling **does not cause signal dropout**, nor does it require additional set up time or interruptions to the surgical team workflow.

OVER 12,000 PATIENT EXPERIENCES PUBLISHED EXCLUSIVELY WITH COOLED LASER PROBES.[1]

THE **NEUROBLATE** SYSTEM IS DEVELOPED + MANUFACTURED IN NORTH AMERICA BY MONTERIS MEDICAL, AN ESTABLISHED COMPANY **DEDICATED ONLY TO LITT IN THE BRAIN**, INCLUDING A DEEP EXPERTISE WITH MAGNET PROVIDERS.

Reference

[1] Monteris Medical (2025). Post-Market Safety Report 2024: NeuroBlate LITT System. CL10209 Rev A. Minnetonka, MN, USA

Disclosures

Monteris provides technology for neurosurgeons, which allows them to ablate (destroy with heat), brain structures such as brain tumors, radiation necrosis, and epileptic foci. Monteris technology includes the NeuroBlate System, AtamA, and MiniBolt devices, which may be used together to apply the focused laser energy with little or no effect on surrounding healthy tissue. The NeuroBlate System provides clinicians a tool that offers near real-time control and MRI visualization of the therapy during laser ablation treatment.

All brain surgeries carry risk. Possible adverse events include, but are not limited to, hematoma, embolic events, edema, bleeding, cerebral spinal fluid (CSF) leakage, infection, unintended major tissue damage and permanent neurological deficits. Prior to using these devices, please review the Instructions for Use for a complete listing of indications, contraindications, warnings, precautions and potential adverse events. The intended patients are adults and pediatrics from the age of two years and older. For full prescribing information, please visit **monteris.com**

Rx Only

MONTERIS MEDICAL

U.S. Office
131 Cheshire Lane, Suite 100
Minnetonka, MN 55305, USA
+1.866.799.7655

Canadian Office
Unit 1B-25 Scurfield Blvd.
Winnipeg, MB R3Y1G4, Canada
+1.204.272.2220