

Visualase™ MRI-Guided Laser Ablation

A minimally invasive
alternative to open brain
surgery



Less time in
the hospital
**means more
time for living.**

Medtronic

Does your medical condition require brain surgery ?

The prospect of having a surgical procedure performed on the brain can be frightening for you as a patient.

The experts at your hospital can help put your mind at ease with today's most cutting edge, minimally invasive MRI-guided laser ablation technology. A less invasive procedure can result in more comfort for you.

Visualase™

MRI-guided laser ablation for neurosurgical procedures

Surgical precision

The Visualase™ system delivers laser energy through a small catheter into problematic soft tissue targets in the brain. Under MRI-guidance, the neurosurgeon sets temperature limits which act like boundaries around the targeted tissue. During the ablation, light energy is delivered through a laser fiber to the targeted soft tissue area.

The neurosurgeon controls the amount and duration of laser energy delivered to the tissue while monitoring near real-time MRI images that show tissue temperature and the tissue affected. Thus, the problematic tissue is destroyed with precision, leaving healthy tissue intact and protecting critical structures nearby.



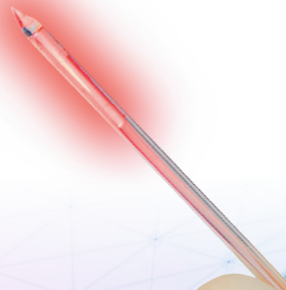
Patient benefits

You can experience:

- Minimal hair shaving
- A small incision (4 mm) with little scarring
- A significantly shorter hospital stay¹⁻⁸
- Decreased risk of infection^{9,10}
- Higher patient satisfaction^{1,11,12} when they receive surgical intervention using Visualase™

Proven technology

- Over 9,800 neurosurgical procedures have been performed in over 210 centers worldwide.
- The system is a minimally invasive alternative to open resection in neurosurgery.
- Tried and true technology with a 13-year legacy of serving patients.



Ask your surgeon if Visualase™ MRI-guided laser ablation technology is right for you.

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Disclaimer: Information contained herein is not medical advice and should not be used as an alternative to speaking with your doctor. Discuss indications, contraindications, warnings, precautions, adverse events and any further information with your health care professional.

Please note that the intended use of a product may vary depending on geographical approvals. Medtronic products placed on European markets bear the CE mark and the UKCA mark (if applicable).

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