

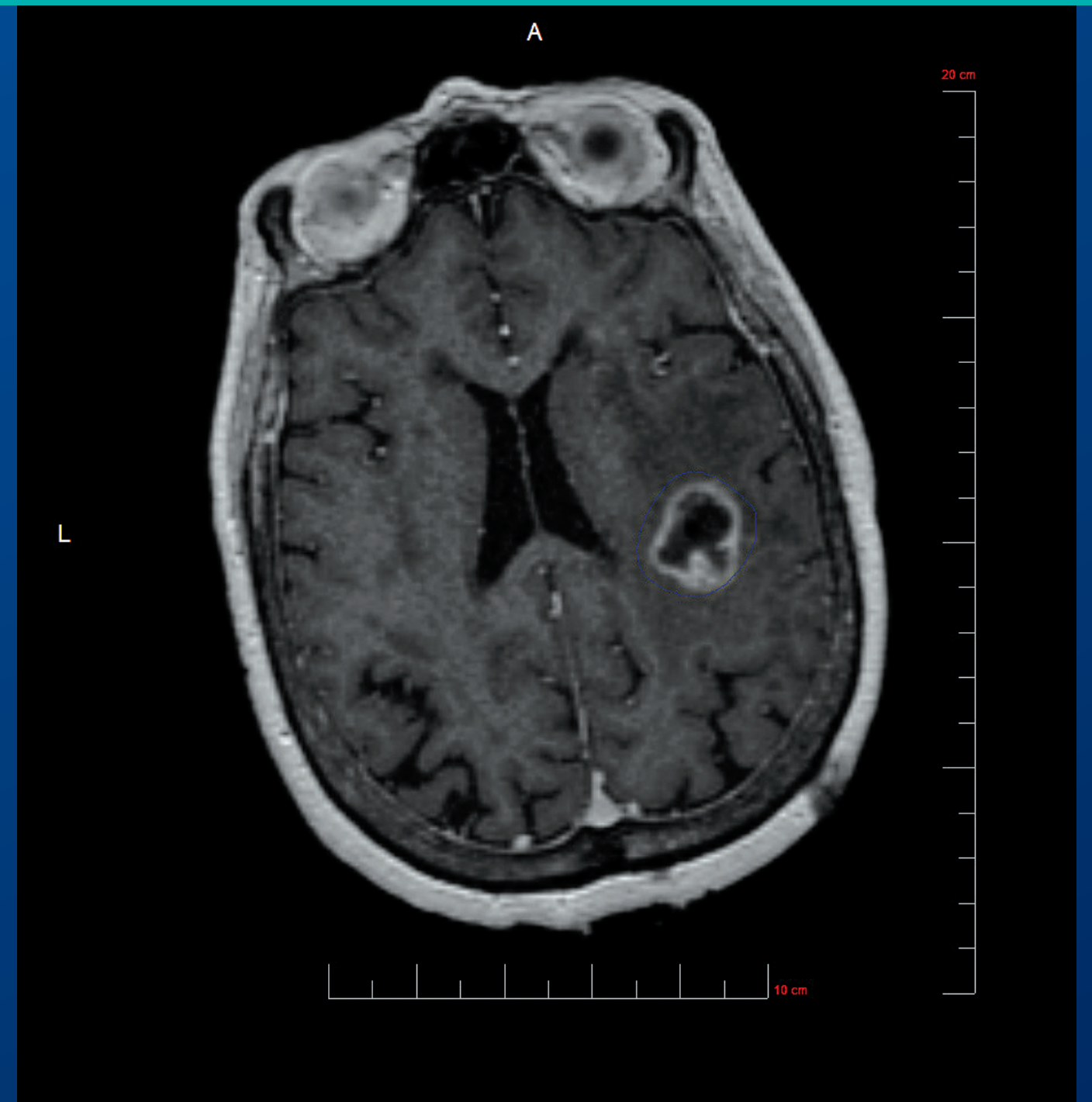
Clinical Articles:  
**Laser Interstitial Thermal Therapy (LITT)**

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## CLINICAL ARTICLES: LASER INTERSTITIAL THERMAL THERAPY (LITT)

Publication	Date	Author(s)	Title
Expert Reviews in Neurotherapeutics	January 2016	Sharma M, Balasubramanian S, Silva D, et al.	Laser Interstitial Thermal Therapy in the Management of Brain Metastasis and Radiation Necrosis After Radiosurgery: An Overview
Epilepsy & Behavior	August 2015	Waseem H, Osborn K, Schoenberg MR, et al.	Laser Ablation Therapy: An Alternative Treatment for Medically Resistant Mesial Temporal Lobe Epilepsy After Age 50
Operative Neurosurgery	October 2015	McCracken JD, Willie JT, Fernald BA, et al.	Magnetic Resonance Thermometry-Guided Stereotactic Laser Ablation of Cavernous Malformations in Drug-Resistant Epilepsy: Imaging and Clinical Results
Neurosurgical Focus	March 2015	Missios S, Bekelis K, and Barnett GH.	Renaissance of Laser Interstitial Thermal Ablation
Epilepsia	January 2015	Drane DL, Loring DW, Voets NL, et. al.	Better Object Recognition and Naming Outcome with MRI-Guided Stereotactic Laser Amygdalohippocampotomy for Temporal Lobe Epilepsy
Neurosurgical Focus	December 2014	Hawasli AH, Kim AH, Dunn GP, et al.	Stereotactic Laser Ablation of High-Grade Gliomas
Cancer Medicine	August 2014	Mohammadi AM, Hawasli AH, Rodriguez A, et al.	The Role of Laser Interstitial Thermal Therapy in Enhancing Progression-Free Survival of Difficult-To-Access High-Grade Gliomas: A Multicenter Study
Oncology	July 2014	Rahmathulla G, Recinos PF, Kamian K, et al.	MRI-Guided Laser Interstitial Thermal Therapy in Neuro-Oncology: A Review of Its Current Clinical Applications
Neurosurgery	June 2014	Willie JT, Laxpati NG, Drane DL, et al.	Real-time Magnetic Resonance-Guided Stereotactic Laser Amygdalohippocampotomy for Mesial Temporal Lobe Epilepsy
Surgical Neurology International	May 2014	Wilson TA, Karajannis MA, and Harter DH.	Glioblastoma Multiforme: State of the Art and Future Therapeutics
Society for Thermal Medicine Annual Meeting Clinical Abstract	May 2014	Mohammadi AM, Hawasli AH, Rodriguez A, et al.	Clinical Development of Laser Interstitial Thermal Therapy (LITT) For Brain Tumors: Experience and Evidence
Society for Thermal Medicine Annual Meeting Clinical Abstract	May 2014	Behbahani M, Mullin J, Barnett GH, and Mohammadi AM.	Laser Interstitial Thermal Therapy in Brain Tumors: Predictive Value of Overlap between Hyper-Thermic Field and Corticospinal Tract as Manifested in Post-Op Motor Deficit
Photonics & Lasers in Medicine	April 2014	Missios S, Schroeder JL, Barnett GH, et al.	Prognostic Factors of Overall Survival After Laser Interstitial Thermal Therapy in Patients with Glioblastoma
Photonics & Lasers in Medicine	April 2014	Schroeder JL, Missios S, Barnett GH, et al.	Laser Interstitial Thermal Therapy as a Novel Treatment Modality for Brain Tumors in the Thalamus and Basal Ganglia
Expert Review of Medical Devices	March 2014	Mohammadi AM and Schroeder JL.	Laser Interstitial Thermal Therapy in Treatment of Brain Tumors – The NeuroBlate System
Photonics & Lasers in Medicine	February 2014	Voigt J and Torchia M.	Laser Interstitial Thermal Therapy With and Without MRI Guidance for Treatment of Brain Neoplasms – A Systematic Review of the Literature

Publication	Date	Author(s)	Title
Neurosurgery	December 2013	Hawasli AH, Bagade S, Shimony JS, et al.	Magnetic Resonance Imaging-guided Focused Laser Interstitial Thermal Therapy for Intracranial Lesions: Single-Institution Series
Journal of Neurosurgery	June 2013	Sloan AE, Ahluwalia MS, Valerio-Pascua J, et al.	Results of The NeuroBlate Systems First In Human Phase I Clinical Trial for Recurrent Glioblastoma
Journal of Neurosurgery	June 2013	Elder JB and Chiocca EA.	Editorial: Glioblastoma Multiforme and Laser Interstitial Thermal Therapy
64th Southern Neurosurgical Society Annual Meeting	February 2013	Rodriguez A and Tatter S.	Laser Interstitial Thermal Therapy for Recurrent Cerebral Metastases
Neurosurgery	September 2012	Jethwa PR, Barrese JC, Gowda A, et al.	Magnetic Resonance Thermometry-Guided Laser-Induced Thermal Therapy for Intracranial Neoplasms: Initial Experience
Lasers in Surgery and Medicine	July 2012	Carpentier A, Chauvet D, Reina V, et al.	MR-Guided Laser-Induced Thermal Therapy (LITT) for Recurrent Glioblastomas
Journal of NeuroInterventional Surgery	July 2012	Sunshine J, Sandhu G, Sloan AE, et al.	Laser Thermotherapy of Malignant Brain Lesions using MRI for Needle Guidance and Real-Time Temperature Mapping
Neurosurgery	June 2012	Hawasli AH, Ray WZ, Murphy RK, et al.	Technical Case Report: MRI Guided Focused Laser Interstitial Thermal Therapy for Subinsular Metastatic Adenocarcinoma
Lasers in Surgery and Medicine	December 2011	Carpentier A, McNichols RJ, Stafford RJ, et al.	Laser Thermal Therapy: Real-Time MRI-Guided and Computer-Controlled Procedures for Metastatic Brain Tumors
Journal of Neurosurgery: Pediatrics	November 2011	Jethwa PR, Lee JH, Assina R, et al.	Treatment of a Supratentorial Primitive Neuroectodermal Tumor Using Magnetic Resonance-Guided Laser-Induced Thermal Therapy
Current Neurology and Neuroscience Reports	June 2011	Sherman JH, Hoes K, Marcus J, et al.	Neurosurgery for Brain Tumors: Update on Recent Technical Advances
Neurosurgery	July 2008	Carpentier A, McNichols RJ, Stafford RJ, et al.	Real-Time Magnetic Resonance-Guided Laser Thermal Therapy for Focal Metastatic Brain Tumors
European Journal of Radiology	August 2006	Schwarzmaier HJ, Eickmeyer F, von Tempelhoff W, et al.	MR-Guided Laser-Induced Interstitial Thermotherapy of Recurrent Glioblastoma Multiforme: Preliminary Results in 16 Patients
Journal of Magnetic Resonance Imaging	December 2005	Schwarzmaier HJ, Eickmeyer F, von Tempelhoff W, et al.	MR-Guided Laser Irradiation of Recurrent Glioblastomas

Please note that some of these studies may involve findings that exceed the claims currently cleared by the FDA for the product. Monteris Medical is not intending to make performance claims about its product. The NeuroBlate device is a surgical tool and is not a treatment for any specific disease state or condition. The intent is to disseminate the scientific literature on these products. We encourage you to read these studies to understand the strengths and limitations of the data. For some claims, Monteris Medical is seeking to broaden the indications with the FDA in the future using data, such as these studies, to provide the substantiation. See [Monteris.com/IFU](http://Monteris.com/IFU) for Full Prescribing Information.