Accepted Manuscript

Preoperative navigated transcranial magnetic stimulation and tractography to guide endoscopic cystoventriculostomy: A technical note and case report

Philipp Hendrix, MD, Sebastian Senger, MD, Christoph J. Griessenauer, MD, Andreas Simgen, MD, Stefan Linsler, MD, Joachim Oertel, MD

PII: \$1878-8750(17)31701-1

DOI: 10.1016/j.wneu.2017.09.185

Reference: WNEU 6629

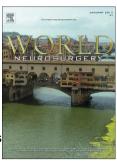
To appear in: World Neurosurgery

Received Date: 24 June 2017

Revised Date: 25 September 2017 Accepted Date: 26 September 2017

Please cite this article as: Hendrix P, Senger S, Griessenauer CJ, Simgen A, Linsler S, Oertel J, Preoperative navigated transcranial magnetic stimulation and tractography to guide endoscopic cystoventriculostomy: A technical note and case report, *World Neurosurgery* (2017), doi: 10.1016/j.wneu.2017.09.185.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

Preoperative navigated transcranial magnetic stimulation and tractography to guide endoscopic cystoventriculostomy: A technical note and case report

Philipp Hendrix MD¹, Sebastian Senger MD¹, Christoph J. Griessenauer MD², Andreas Simgen MD³,

Stefan Linsler MD¹, Joachim Oertel MD¹

¹Department of Neurosurgery, Saarland University Medical Center and Saarland University Faculty of Medicine, Homburg/Saar, Germany

²Department of Neurosurgery, Geisinger Health System, Danville, PA

³Department of Neuroradiology, Saarland Saarland University Medical Center and Saarland University Faculty of Medicine, Homburg/Saar, Germany

Key words: navigated transcranial magnetic stimulation, speech eloquent, motor mapping, language mapping, repetitive transcranial magnetic stimulation, tractography, fibre tracking

Corresponding author:

Philipp Hendrix, MD

Klinik für Neurochirurgie

Universität des Saarlandes

Kirrberger Straße 100, Gebäude 90.5

66421 Homburg/ Saar, Germany

Phone: +49-6841-1624400

Fax: +49-6841-1624480

hendrix.philipp@gmail.com

Download English Version:

https://daneshyari.com/en/article/8692110

Download Persian Version:

https://daneshyari.com/article/8692110

<u>Daneshyari.com</u>