

NEUROSURGERY – FACTS  FUTURE



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**Congress
Programme**

- EP3034** Mapping the Supplementary Motor Area via navigated transcranial magnetic stimulation
S. Schramm, N. Sollmann, S. Ille, C. Zimmer, B. Meyer, S. Krieg
- EP3035** Resection of supratentorial lesions employing a combined surgical aspiration and monopolar stimulation device
N. Thakur, C. Senft, V. Seifert, M.-T. Forster
- EP3036** Augmented reality and intraoperative subcortical visual mapping for preservation of the visual pathways during microsurgery for brain lesions. A technical report
C. Goga, L. Sprenger, K. Tizi, P. Bijlenga, K. Schaller, C. Boëx
- EP3037** Towards standardisation in methodology for awake cortico-subcortical mapping & semi-automatic integration in navigation
H. Colle, D. Colle, P. Muller, B. Noens, E. Robert, A. Aerts
- EP3038** Intra-operative CT, navigated ultrasound, 5ALA fluorescence and neuromonitoring in brain tumor surgery: a multimodal protocol for intra-axial brain tumor surgery
G. Barbagallo, G. Scalia, M. Maione, F. Certo
- EP3039** Resection of lesions in the posterior cranial fossa employing a combined surgical aspiration and monopolar stimulation device - a monocentric retrospective analysis
N. Thakur, C. Senft, V. Seifert, M.-T. Forster
- EP3040** The safety and efficacy of the use of navigated transcranial magnetic stimulation in patients after titanium cranioplasty
S. Acharya, J.P. Lavrador, S. Patel, H. Kandeel, J. Jung, A. Giamouriadis, K. Ashkan, R. Bhangoo, F. Vergani
- EP3041** Navigated intra-operative 2-D ultrasound in high grade glioma surgery: impact on extent of resection and patient outcome
A. Moiraghi, F. Prada, A. Delaidelli, R. Guatta, A. May, A. Bartoli, M. Saini, T. Waelchli, P. Bijlenga, K. Schaller, F. DiMeco
- EP3042** Surgery for deeply located intracranial lesions under intraoperative MRI guidance
Y. Orz, M. Al Yamanyy, A. Al Obaid, M. Bafaqeeh, F. Al Subaie, N. Al Omar
- EP3043** Facial nerve proximity-tailored resection of primary extraaxial cerebellopontine angle tumors is associated with better late-term facial nerve function
M. Milev, T. Spiriev, L. Laleva, V. Stefanov, N. Mladenov, C. Tzekov, V. Nakov
- EP3044** Awake craniotomy for brain tumors: a retrospective analysis of the indications, post-operative deficits and survival
G. Versyck, G. Van Driel, E. Cleeren, V. De Sloovere, L. Veeckman, S. De Vleeschouwer
- EP3045** Diffusion imaging probabilistic tractography applied to cranial nerves, interest in skull base surgery
T. Jacquesson, C. Frindel, V. Delabar, F. Cotton, E. Jouanneau
- EP3046** Preoperative planning using navigated transcranial magnetic stimulation in the surgery of motor eloquent region tumors
A.Y. Scherbuk, M.E. Eroshenko, A.V. Semenov, R.V. Turin, K.A. Dovgopolaya, A.A. Zheltukhin, Y.A. Scherbuk