

IONM ADVANCED II-TECHNIQUES IN NEUROSURGERY

BRAIN MAPPING (WITH SHADOWING IN THE OR)



March 31st & April 1st 2025



English



Heidelberg University Hospital & Marsilius Arkaden, Germany



Medical Doctors, Neurophysiologists, OR staff with advanced knowledge

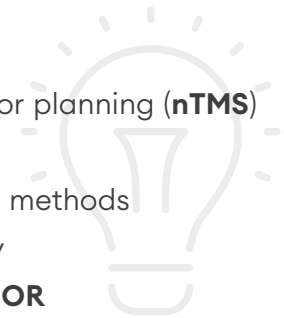


Course Director

Univ.-Prof. Sandro Krieg, MD, MBA
Chair, Department of Neurosurgery
Heidelberg University Hospital, Germany

Topics

- Interaction of neurophysiological mapping methods for planning (nTMS) and performing supratentorial tumor surgery (IONM)
- Selection and application of **advanced brain mapping** methods
- Influence of **multimodal IONM** on the surgical strategy
- Practical application of IONM: case **shadowing in the OR**



Speakers

Sebastian Ille, MD

Bogdana Suchorska, MD, MHBA, FEBNS

Maximilian Schwendner, MD

Leonie Kram, M.Sc, Ph.D.

Department of Neurosurgery
Heidelberg University Hospital, Germany

Prof. Kathleen Seidel, MD

Department of Neurosurgery
Inselspital, Bern University Hospital, Switzerland

Stephanie J. Forkel, HDR PhD SFHEA CPsychol

Donders Institute for Brain, Cognition and behaviour
Radboud University, Netherlands

Marianella Campos Friz, MD

Arkana Forum GmbH
Emmendingen, Germany



Scan to register

PROGRAM

Day 1

Functional Anatomy and Tractography

Preoperative mapping: Principles of nTMS & presurgical motor and language mapping

Multimodal IONM in supratentorial tumor surgery

Integrated Concept: **nTMS and IONM** for function preservation

Intraoperative Mapping strategy: Awake v/s asleep surgery

New concepts: **cortico-cortical evoked potentials** in brain tumor surgery

nTMS for pre-OP mapping & **IONM Workshop**

Day 2

Observation of Supratentorial tumor Surgery at the Neurosurgical Clinic

Video Demonstration of the use of nTMS and IONM for Brain Mapping with Comments and Group Work

Course fee



On-Site: 720 EUR excl. VAT

Sponsoring



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Sponsoring service

inomed Medizintechnik GmbH
Value: 1.500 EUR excl. VAT

Nexstim

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Nexstim Oy
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Sponsoring service

Günter Bissinger Medizintechnik GmbH
Value: 1.900 EUR excl. VAT

Conditions of payment/registration

Accommodation and travelling expenses are not covered by the course fee. The registration fee is to be paid 2 weeks in advance - please note that participation is not granted unless payment has been made in full. On receipt of your registration, you will receive a confirmation and invoice by email.

In case of cancellation we will refund the registration fee, deducting an administration fee of 50,00 EUR, if we receive this information not later than 2 weeks prior to the course. We reserve the right to charge participation fee in full, if the cancellation is received later or if the participant does not attend the course.

Data protection is very important to us. The data provided with your registration will be used to inform you on organizational topics of this event and to keep you updated on further courses. Your data will not be passed on to a third party outside the inomed group. In case you do not wish to receive further information, please let us know.

