FUNCTIONAL NEUROSURGERY
Basics and Lesion methods and procedures

27th and 28th November, 2025

English

Online and @ ARKANA Forum
Im Hausgrün 29, 79312 Emmendingen

Neurosurgeons, Neurologists

Baden-Württemberg Medical Association
(will be applied for)
Ethical Medtech

Course Director

Univ.-Prof. Dr. med. Volker Arnd Coenen
Stereotactic and Functional Neurosurgery
Medical Director
University Hospital Freiburg, Germany

Speakers

Stefan Groiss, MD, MHBA
University Medical Center
Düsseldorf Germany

Prof. Wolfgang Hamel, MD
University Medical Center
Hamburg-Eppendorf
Germany

Christian Moll, MD
University Medical Center
Hamburg-Eppendorf Germany

Peter C. Reinacher, MD
University Hospital Freiburg
Germany

Bastian E. A. Sajonz, MD, MSc
University Hospital Freiburg
Germany

Topics

- Stereotactic applications in neurosurgery
- Lesioning techniques and methods
- Imaging for stereotactic procedures and planning
- Practical knowledge of how to perform these procedures (hands-on)

Prof. Takaomi Taira, MD, PhD
Tokyo Women's Medical University
Japan

Ido Strauss MD, PhD
Tel Aviv Sourasky Medical Center
(TASMC) Israel

Prof. Ludvic Zrinzo
University College London,
United Kingdom

Scan to register

PROGRAM

Day 1

Welcome & Warm-Up (Coenen)
Stereotactic technique, anatomy and target points (Coenen)
Stereotactic workflow, direct and MER-based targeting (Hamel)
Indications for DBS for Movement Disorders: Symptom-based target definition (Groiss)
Neurophysiological "imaging" during DBS procedures (Moll)
Workshop – part I - Hands-on in groups: • Stereotactic Frames (incl. Accessories) • MER System incl. MicroDrive • Industry sponsored lecture by Medtronic: "First impressions to adapt DBS and Electrode Identifier-Workflow" (Sajonz)
The history of lesioning surgery and DBS (Moll)
The current Role of Lesioning in a DBS World (Zrinzo)
Neurosurgical Interventions for Intractable Cancer Pain (Strauss)

Day 2

Warm-Up
RF - Lesioning techniques & physical principles (Taira)
Radiofrequency Ablation for Hypothalamic Hamartoma Disconnection (Reinacher)
HIFU - High-Intensity Focused Ultrasound for the treatment of Trauma (Coenen)
Workshop – part II - Hands-on in groups: • Lesioning • Stereotactic Planning stations
Laser ablation for Tumor (Strauss)
Gasserian Ganglion Radiofrequency Thermoablation (Reinacher)
Lesioning Case studies
Closing Remarks

Course fee: Hybrid course

On-Site: 860 EUR excl. VAT

Online: 780 EUR excl. VAT

Sponsoring

inomed Medizintechnik GmbH
Value: 3.000 EUR (exkl. VAT)

Insightec Europe GmbH
Value 1.900 EUR (exkl. VAT)

Medtronic GmbH
Value 3.200 EUR (exkl. VAT)

Boston Scientific Medizintechnik GmbH
Value 1.800 EUR (exkl. 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.