

Overview structure of the curriculum „Intraoperative neuromonitoring and perioperative functional diagnostics (IONM)“

Summer School

Admission requirements:

Successful completion of both basic courses or equivalent prior knowledge with appropriate documentation.

Recommended prior knowledge:

Practical experience in IONM is highly desirable.

Workload:

Approx. 24 hours (including approx. 1 hour of hands-on training).

Frequency:

Once a year.

Maximum number of participants:

30

Language:

Plenary lectures (overview lectures and case presentations) are generally held in English, exceptionally in German (with English-language slides). Hands-on training and workshops are conducted in English or German, depending on the group. Group allocation is based on the language skills of the participants assessed in advance.

Module coordinator / contact:

Heads of the IONM Commission and the respective e-Learning area.

Learning Objectives/Competencies:

Learning objectives: Consolidation of acquired basic knowledge in preoperative and intraoperative mapping as well as intraoperative neuromonitoring, with particular emphasis on training in practical application and interpretation.

Competencies: Knowledge of the techniques, application, and interpretation of all topics covered in basics I & II, expanded to include the practical application of intraoperative neurography and nerve ultrasound. Depending on the location and date of the event, the focus topics may vary.

For practical training, in addition to extensive video and image material provided by the lectures, several IONM devices and as a rule, neuronavigated transcranial magnetic stimulation (nTMS), peripheral neurostimulation and nerve ultrasound are available (depending on the focus topic, deviations are possible).

Examination: Assessment of learning outcomes is conducted both orally and in writing. The written examination may be taken at a later date within four weeks after the Summer School and can be completed online (e-examination). Details will be communicated sufficiently in advance of the respective Summer School.

Venue and Accommodation:

This course takes place in a “retreat format” separate from the annual DGKN conference, usually in spring time in Portugal (subject to change), and can only be booked as a complete package. Accommodations are arranged on-site based on availability, typically in apartments with double-occupancy rooms. Separate accommodations are available upon request. Participants are responsible for covering any additional costs. Any further details can be found in the programme, which is typically announced six months in advance.
