

IONM IN SPINAL SURGERY



25th and 26th June, 2026



English



Online & On-Site in Heidelberg
Orthopaedic Department of University Hospital of
Heidelberg, Schlierbacher Landstraße 200A



Medical doctors, Neurophysiologists, Surgical staff in
the field of IONM in orthopaedic surgery



Baden-Württemberg Medical Association (will be
applied for)
DIW MTA e.V (will be applied for)

Course Directors



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Head of Spine Surgery, Clinic for Orthopedic and
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Scientific Director, ARKANA Forum GmbH
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Speakers

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Clinic for Anesthesiology
Heidelberg University Hospital,
Germany

Wojciech Pepke, MD

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Germany

Topics

- IONM basics with regards to technologies, applications and innovations
- Multimodal IONM in spinal surgery
- SEP and MEP monitoring during scoliosis surgery and kyphosis correction
- IONM and related anaesthesiological aspects
- Signal interpretation (EMG, MEP, SEP) in spinal surgery
- On site: Observation of a spinal surgery with IONM (limited spots)
- Online: Video demonstration with live discussion of a spinal case with IONM

Marianella Campos Friz, MD

Medical Director,
Arkana Forum GmbH, Emmendingen,
Germany



Scan to register

PROGRAM

Day 1

Welcome & Warm-Up

IONM methods for orthopedic spinal surgery

IONM during scoliosis and kyphosis corrections

Electrode placement and system setup workshop

IONM signal interpretation during spinal surgery

Break Incl. industry exhibition / workshops

Spinal surgery and IONM for children

Application of IONM in spinal surgery - Case discussion

Anesthesia for complex spine surgery and IONM

Preparation of shadowing and video demonstration

Closing Remarks

Day 2

Face-To-Face Participants: Operation Room Visit

Shadowing of a spinal surgery with IONM Electrode placement, system setup, surgical procedure, intraoperative communication, and signal interpretation

Online Participants: Video Demonstration

Video demonstration of a spinal case with application of IONM from electrode placement to signal interpretation and troubleshooting

Course fee: Hybrid course

On-Site: 650 EUR excl. VAT

Online: 570 EUR excl. VAT



Sponsoring



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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.

