

IONM IN SPINAL SURGERY



22nd and 23rd May, 2025



English



Online & University Hospital of Heidelberg,
Germany



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)
Ethical Medtech (will be applied for)

Course Directors

Stefan Hemmer, MD

Head of Spine Surgery, Clinic for Orthopedic and
Trauma Surgery, Heidelberg University Hospital

David B. MacDonald, MD, FRCPC, ABCN

Scientific Director, ARKANA Forum GmbH
Emmendingen, Germany



Speakers

Barbara Bischoff, MD

Clinic for Neurosurgery
Hospital Sozialstiftung Bamberg,
Germany

Franz Reichel, MD

Clinic for Orthopedic and Trauma Surgery
Heidelberg University Hospital,
Germany

Harald Winkler, MD

Clinic for Anesthesiology
Heidelberg University Hospital,
Germany

Wojciech Pepke, MD

Clinic for Orthopedic and Trauma Surgery
Heidelberg University Hospital,
Germany

Vizmary Montes Peña, MD

Division of Neurology
National Guard Health Affairs Riyadh,
Saudi Arabia

Marianella Campos Friz, MD

Medical Director,
Arkana Forum GmbH, Emmendingen,
Germany

Topics

- IONM basics
- IONM related anesthesiological aspects
- Practical experience using the system (hands-on)
- Signal interpretation in spinal surgery



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
<i>Break Incl. industry exhibition / workshops</i>
Spinal surgery and IONM for young children
Application of IONM in spinal surgery - Case discussion
Anesthesia for complex spine surgery and IONM
Preparation of shadowing and video demonstration

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
Closing Remarks

Course fee: Hybrid course

On-Site: 650 EUR excl. VAT

Online: 570 EUR excl. VAT

Sponsoring

inomed 

Sponsoring service

inomed Medizintechnik GmbH
Value: 1.000 EUR (exkl. VAT.)

incu 
inomed Neurocare Unit

Sponsoring service

iNCU GmbH
In-kind contribution worth 1.500 EUR

**Johnson & Johnson
MedTech**

Sponsoring service

Johnson & Johnson Medical GmbH
Value: 2.100 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.

