

ARKANA FORUM

MEDICAL EDUCATION CENTER



27th-28th June 2024



IONM in Spinal Surgery



Hybrid course



www.arkana-forum.com





Dear colleagues,

We are delighted to invite you to this year's hybrid course on „Intraoperative Neurophysiological Monitoring in Spine Surgery“ for doctors and medical staff focused on orthopedic, neuro-, trauma surgery, and anesthesia.

Our course focuses on the application of intraoperative monitoring of neurological functions in reconstructive spinal surgery.

For safe surgical treatment of diseases and deformities of the spine, intraoperative neuromonitoring (IONM) is available today in addition to a variety of standardised surgical techniques and modern implants. In our course you will learn the basics of intraoperative neuromonitoring and gain practical knowledge. Lectures and discussions will teach you the theory, in hands-on workshops you can directly apply what you have learned on a monitoring system. As a highlight, you will have the opportunity to shadow a surgery and get to know the practical use of IONM in the University Hospital Heidelberg. For the ones participating online, we offer a video demonstration of a surgery with IONM, explaining the procedure step by step.

Join us and other experts from the field – we are looking forward to sharing our knowledge with you in Heidelberg or online!

With kind regards,

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

PROGRAM

Thursday, 27th June 2024



Registration

08:30 am Registration

09:00 am Welcome & Warm-Up

09:30 am IONM methods for orthopedic spinal surgery

10:15 am IONM during scoliosis and kyphosis corrections

11:00 am **Break**

11:15 am Electrode placement and system setup Workshop

12:15 am IONM signal interpretation during spinal surgery

01:00 pm **Break** incl. industry exhibition / workshops

02:15 pm Spinal surgery and IONM for small children

03:00 pm Application of IONM in spinal surgery -

Case discussion

03:45 pm **Break**

04:00 pm Anesthesia for complex spine surgery and IONM

04:45 pm Preparation of shadowing and video

demonstration

05:15 pm Closing Remarks

Friday, 28th June 2024



FACE-TO-FACE PARTICIPANTS ➔ OR SHADOWING

07:30 am Shadowing of a spinal surgery with IONM
Electrode placement, system setup, surgical procedure,
intraoperative communication, and signal interpretation



ONLINE PARTICIPANTS: VIDEO DEMONSTRATION

09:00 am Video demonstration of a spinal case with IONM
Application of IONM from electrode placement to signal
interpretation and troubleshooting



COURSE DIRECTORS

Stefan Hemmer, MD

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

David B. MacDonald, MD, FRCPC, ABCN

Scientific Director
ARKANA Forum GmbH, Germany

INVITED SPEAKERS

- **Vizmary Montes Peña, MD**

Division of Neurology
National Guard Health Affairs Riyadh, Saudi Arabia

- **Barbara Bischoff, MD**

Clinic for Neurosurgery
Hospital Sozialstiftung Bamberg, Germany

- **Harald Winkler, MD**

Clinic for Anesthesiology
Heidelberg University Hospital, Germany

- **Wojciech Pepke, MD**

Clinic for Orthopedic and Trauma Surgery
Heidelberg University Hospital, Germany

- **Franz Reichel, MD**

Clinic for Orthopedic
Heidelberg University Hospital, Germany

- **Marianella Campos Friz, MD**

ARKANA Forum GmbH, Germany



IN THIS COURSE YOU WILL LEARN

- IONM techniques for brainstem surgery
- Advanced methods of reflex monitoring
- Interpretation of IONM signals
- Application of IONM methods for function-controlled surgery
- Practical use of the IONM as part of a OR observation

TARGET GROUP

- Doctors, Medical staff, Surgical staff

INFORMATION



Online-Registration

To register, please use the booking form on our website:
<https://www.arkana-forum.com/produkt/2024-ionm-in-spinal-surgery/>

Course fee

640,00 EUR excl. VAT face-to-face course

540,00 EUR excl. VAT online course



Conditions of payment/registration

The course fee must be paid in advance, at the latest 2 weeks before the start of the course – please note that course participation is only confirmed once payment has been received. If your registration is cancelled, we will refund the course fee subject to a 25 EUR administration fee. The information about the cancellation must be received at least 2 weeks before the start of the course. If the cancellation is made later or if the participant does not take part in the course, we are entitled to retain the full course fee.



Accreditation

CME accreditation will be applied for at the Medical Association Baden-Württemberg.



Course venue

Clinic for Orthopedic
Heidelberg University Hospital
Schlierbacher Landstraße 200a
69118 Heidelberg
Germany

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.

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