

ARKANA FORUM

MEDICAL EDUCATION CENTER



SEPTEMBER 22 - 23, 2022



INVITATION

IONM IN SPINAL SURGERY

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 orthopaedic, neuro-, trauma surgery, and anaesthesia.

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 videodemonstration of a surgery with IONM, explaining the proceeding step by step.

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

With kind regards,

Dr. med. Stefan Hemmer
David B. MacDonald, MD, FRCP(C), ABCN
Medical Directors

THURSDAY, 22TH SEPTEMBER 2022

Hybrid: Face-to-face and online course

8:45	Registration
9:00	Welcome
9:15	IONM methods for orthopedic spinal surgery
10:00	IONM during scoliosis and kyphosis corrections
10:45	Break
11:00	IONM and anesthesia
11:45	Signal interpretation of IONM during spinal surgery
12:30	Lunch break incl. Industry Workshop
2:00	What to do in case of potential loss? Troubleshooting algorithm
2:45	Hands-on workshop
3:45	Break
4:15	Application of IONM in spinal surgery Case discussion
5:00	Preparation of shadowing Presentation of indication and planned IONM methods
5:30	Closing remarks
7:30	Get together

FRIDAY, 23TH SEPTEMBER 2022

Face-to-face course: Shadowing

7:30	Shadowing with pre and post discussion
-	Surgery demonstration at Center for Spinal Surgery, University Hospital Heidelberg
3:00	

Online course: Video demonstration

9:00	Application of IONM from electrode placement to signal interpretation and troubleshooting
1:00	

MEDICAL DIRECTORS

- **Dr. med. Stefan Hemmer**
Head of Spine Surgery
Clinic for Orthopedic and Trauma Surgery
Heidelberg University Hospital
- **David MacDonald, MD, FRCP(C), ABCN**
Scientific Director
ARKANA Forum GmbH

INVITED SPEAKERS

- **Dr. med. Wojciech Pepke**
Heidelberg University Hospital
- **Dr. med. Harald Winkler**
Heidelberg University Hospital
- **Dr. med. Barbara Bischoff**
Hospital St. Marien Amberg
- **PD Dr. med. Michael Malcharek**
Praxisklinik Leipzig
- **Dr. Marianella Campos**
ARKANA Forum GmbH

MODERATION

- **Celine Wegner**
ARKANA Forum GmbH

IN THIS COURSE YOU WILL LEARN

- IONM basics
- EMG neuromonitoring with pedicle screws
- SEP and MEP monitoring
- IONM and related anaesthesiological aspects
- Practical experience using the system (hands-on)
- Signal interpretation in spinal surgery

TARGET GROUP

- Doctors
- Medical staff, operating theatre staff

FORMAT

- Hybrid (Face-to-face and online)

Online-Registration

Please register yourself via this [LINK](#)
A maximum of 12 persons can participate in the shadowing on the 2nd day of the course. Registrations will be considered in the order in which they are received.

Course fee / Other costs: Hybrid course

Face to face course: 573.00 EUR plus VAT.
The course fee includes conference catering according to the programme as well as the course documents.
Online event: 473.00 EUR plus VAT.

Payment terms / cancellation

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.

CME

Baden-Württemberg Medical Association (has been applied for)

Location

Heidelberg University Hospital
Department of Orthopedics, Traumatology and Spinal Cord Injury
Spine Surgery Section
Schlierbacher Landstr. 200 a
69118 Heidelberg
Germany

Accommodation

You will receive the information with the registration confirmation.

The protection of your data is very important to us. The data submitted with your registration will only be used for the organisation of this event, so that we can inform you and keep you up to date about the event details. Your data will not be passed on to third parties outside the inomed group. If you do not wish to receive further event information, please let us know.

In cooperation with



UniversitätsKlinikum Heidelberg

Sponsoring

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inomed Medizintechnik GmbH
Transmission rooms and technology
Amount: 1.000,00 EUR (zzgl. MwSt.)

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