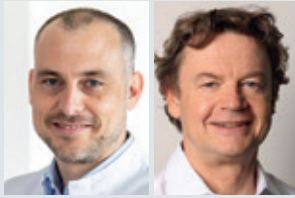


WELCOME NOTE OF THE COURSE CO-DIRECTORS



Dear colleagues,

Microsurgical and minimally invasive techniques have gained increased importance in spinal surgery in the last years. They have become the gold standard in the treatment of a variety of pathologies of the spine and represent the ongoing evolution of surgical techniques towards more tissue-sparing approaches.

The more sophisticated a technique, the more important training and education becomes. Our past international microsurgical wet labs, a joint venture of Schön Klinik Munich Harlaching and the Department of Anatomy of the Ludwig-Maximilians-University, were a great success and have encouraged us to proceed with this teaching concept.

We proudly announce the 28th Course on Spinal Advanced Microsurgery 2025, a hands-on cadaver course on posterior approaches to the lumbar spine.

It would be a pleasure for us, the faculty and the organisers, to welcome you in Munich from 9–10 October 2025!

Sincerely,

Christoph Mehren
Ralph Kothe

Sponsoring of equipment

Brainlab Sales GmbH (ca. 5.000 EUR)
Carl Zeiss Meditec AG (ca. 75.000 EUR)
Centinel Spine (ca. 30.000 EUR)
DePuy Synthes (ca. 6.000 EUR)
MEDICON eG (ca. 45.000 EUR)

Financial Sponsoring

DePuy Synthes (2.500 EUR)
Total expenses (ca. 40.000 EUR)

We will provide a variety of different similar products that the participants can use beyond the sponsored ones.

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ORGANISATION AND IMPRINT

Venues

Theoretical part (9 October 2025)
Brainlab Tower | Auditorium
Olof-Palme-Straße 9 | 81829 Munich

Hands-on part (10 October 2025)

Department of Anatomy
Ludwig-Maximilians-University
Pettenkoferstrasse 11 | 80336 Munich

Course co-directors

Christoph Mehren, Spine Center Schön Klinik Munich Harlaching
Ralph Kothe, Spine Center Schön Klinik Hamburg Eilbek

Faculty

Hassan Allouch (Stuttgart)	Andreas Kramer (Munich)
Sarah Eberhard (Oberkochen)	Michael Mayer (Munich)
Nils Ehrke (Munich)	Christoph Mehren (Munich)
Andreas Korge (Munich)	Luca Papavero (Hamburg)
Ralph Kothe (Hamburg)	Simon Peh (Munich)

Certification

An application has been submitted to the State Medical Association of Bavaria.

Registration

The registration is only possible online at www.sam-course.de. The number of participants is limited. Due to high demand, we recommend registering as early as possible.

Organised by



SCHÖN KLINIK
München Harlaching



SCHÖN KLINIK
Hamburg Eilbek

Professional congress organiser

Conventus Congressmanagement & Marketing GmbH
Anja Kreutzmann | Anne Kutke
sam-course@conventus.de | www.conventus.de



Your key to minimally invasive surgery

SPINAL MICROSURGERY 28

Anterior and posterior approaches to the cervical spine

HANDS-ON COURSE

9–10 October 2025
Munich, Germany

PROGRAMME

www.sam-course.de



Spinal Microsurgery

THURSDAY, 9 OCTOBER

08:00	Registration
08:30–10:10	Introductory lectures Moderator Luca Papavero (Hamburg)
08:30	Welcome, introduction and course details Niels Ehrke (Munich), Ralph Kothe (Hamburg) Christoph Mehren (Munich)
08:45	Are learning curves acceptable for our patients? Michael Mayer (Munich)
09:10	Intraoperative imaging and navigation in spinal surgery Ralph Kothe (Hamburg)
09:40	Innovations in minimally invasive spine surgery – the clinical benefits of an advanced visualization system Sarah Eberhard (Oberkochen)
10:10	Coffee break
10:30–12:00	Surgery of the posterior cervical spine – surgical techniques Moderator Andreas Korge (Munich)
10:30	Keyhole foraminotomy Luca Papavero (Hamburg)
10:55	Posterior fusion techniques of cervical spine (incl. C0 and C1/2) Ralph Kothe (Hamburg)
11:15	Laminoplasty (incl. pinzer stenosis) Luca Papavero (Hamburg)
11:40	Instrumentation of the cervico-thoracic junction N. N.
12:00	Questions and answers
12:15	Lunch

13:00–15:00	Surgery of the anterior cervical spine – surgical techniques Moderator Ralph Kothe (Hamburg)
13:00	The fusion-philosophy Andreas Korge (Munich)
13:20	Vertebrectomy and defect support Hassan Allouch (Stuttgart)
13:40	The non-fusion philosophy (cTDR) and hybrid strategies Christoph Mehren (Munich)
14:00	Complications in cervical spine surgery Ralph Kothe (Hamburg)
14:30	Coffee Break
15:00–17:00	Challenges in cervical spine surgery Moderator Christoph Mehren (Munich)
15:00	Degenerative cervical myelopathy Ralph Kothe (Hamburg)
15:30	Poor bone quality in instrumented patients N. N.
16:00	Augmented reality in microscopic spinal navigation Andreas Kramer (Munich)
16:30	Case discussions faculty and participants
16:45	Questions and Answers
20:00	Dinner

FRIDAY, 10 OCTOBER 2025

Hands-on cadaver workshop	
08:30–08:45	Instructions to microscopic set-up
08:45–15:00	Breakout session – Navigation and instrumentation with RealSpine
08:45–12:00	Hands-on cadaver workshop – Posterior cervical spine Moderator Christoph Mehren (Munich)
	Keyhole foraminotomy Luca Papavero (Hamburg)
	Laminoplasty Ralph Kothe (Hamburg)
	Posterior fusion techniques N. N.
12:00 – 13:00	Lunch
13:00–15:00	Hands-on cadaver workshop – Anterior cervical spine Moderator Ralph Kothe (Hamburg)
	Fusion and non-fusion (cTDR) Christoph Mehren (Munich)
	Vertebrectomy and defect support Hassan Allouch (Stuttgart)
15:30	End of the course, certificate and farewell

