



Your key to minimally



invasive surgery



SPINAL

MICROSURGERY 13

Anterior Approaches to the Thoracic and Lumbar Spine

HANDS-ON COURSE

September 8-10, 2010, Munich, Germany





Dear Colleagues,

Microsurgical and minimally invasive techniques are gaining increasing importance in spinal surgery. They have become the gold standard in the treatment of a variety of pathologies of the spine. The more sophisticated a technique, the more important training and education becomes. Our twelve international microsurgical cadaver training courses, a joint venture of Carl Zeiss, Schön Klinik Munich Harlaching and the Department of Anatomy of the Ludwig-Maximilians-University, were a great success. This has encouraged us to proceed with this concept of microsurgical teaching in small groups.

We proudly announce Spinal Microsurgery 13, a hands-on cadaver course on Microsurgical Anterior Approaches to the Thoracic and Lumbar Spine.

It would be a pleasure for us, the faculty and the organizers, to welcome you here in Munich in September 2010!

Sincerely,

A handwritten signature in blue ink, appearing to read 'H. Mayer'.

H. Michael Mayer
M.D., Ph.D.

A handwritten signature in blue ink, appearing to read 'L. Wurzinger'.

L. Wurzinger
M.D., Ph.D.

A handwritten signature in blue ink, appearing to read 'A. Korge'.

A. Korge
M.D.

A handwritten signature in blue ink, appearing to read 'R. Beisse'.

R. Beisse
M.D. Ph.D

Program

Wednesday September 8, 2010

13:00 – Registration

14:00

Introductory Lectures

Moderator: Korge

14:00	Welcome, Introduction and Course Details Historical Development of Minimally Invasive Anterior Thoracic and Lumbar Spine Surgery	Korge
14:15	- Lumbar Fusion Surgery	Siepe
14:35	- Artificial Disc Surgery	Mayer
14:55	- Transthoracic Spine Surgery	Beisse
15:15	Spinal Navigation – Benefits and Risks	Beisse
15:35	Surgical Microscopes: From History to Future	Galler
15:55	Hemostasis in Spinal Microsurgery	Korge
16:15	Questions and Answers	Faculty and Participants
16:30	Welcome Aperitif	

Thursday September 9, 2010

TS and TLS – Basics

Moderator: Mayer

08:30	Anatomy of the Anterior Thoracic and Lumbar Spine	Wurzinger
08:50	Thoracoscopic Anatomy of the TS and TLS	Heider
09:10	Preoperative MRI – Imaging TS and TLS	Stäbler
09:30	Questions and Answers	Faculty and Participants
09:45	Coffee Break	

Microsurgery of the TS and TLS – Surgical Techniques

Moderator: Beisse

10:10	Miniopen Transthoracic Approach	Korge
10:30	Thoracoscopic Surgery of the TS and TLS incl. Fracture Treatment	Zentz
10:55	Treatment of Thoracic Disc Herniation	Beisse
11:15	Complications in Thoracic Spine Surgery	Heider
11:30	Questions and Answers	Faculty and Participants
12:00	Lunch	

13:00	Instructions to Thoracoscopic Setup	Beisse et al.
13:15	Instructions to Microscopic Setup	Zeiss et al.

Hands-on Cadaver Workshop, max. 4 participants per cadaver

Moderator: Beisse

13:30 –	Thoracoscopic Approach to the TS and TLS	Beisse et al.
18:00	Miniopen Approach	Korge et al.
	Discectomy, Vertebroctomy, Intervertebral Cages	Beisse et al.
20:00	Dinner	

Friday September 10, 2010

The Anterior Lumbar Spine

Moderator: Mayer

08:15	Preoperative Imaging of the Lumbar Spine	Stähler
08:35	ALIF vs. Total Disc Replacement	Siepe
08:55	Questions and Answers	Faculty and Participants
09:15	Coffee Break	

Anterior Access and Support of the Lumbar Spine

Moderator: Korge

09:45	MiniALIF Approach Lateral Retroperitoneal L2-L5	Korge
10:05	Midline Approaches L2 – S1 Retro/Transperitoneal incl. Artificial Disc Replacement Type Prodisc L	Mayer
10:30	Artificial Disc Replacement Activ-L	Feil
10:50	Anterior Lumbar Stand Alone Cages	Kandziora
11:10	Questions and Answers	Faculty and Participants
12:00	Lunch	

Hands-on Cadaver Workshop, max. of 4 participants per cadaver

Moderator: Mayer

13:30 –	MiniALIF L2-L5 Lateral Retroperitoneal	Korge et al.
17:30	MiniALIF L2-S1 Retro/Transperitoneal incl. Prodisc L Implant	Mayer et al.
	Artificial Disc Replacement Activ-L	Feil et al.
	Stand Alone Cage	Kandziora et al.
17:30	End of the Course, Certificate, Farewell	

Course Co-Directors

H. Michael Mayer, M.D., Ph.D.
Medical Director and Chairman
Schön Klinik Munich Harlaching

Laurenz Wurzinger, M.D., Ph.D.
Chairman, Department of Anatomy
Ludwig-Maximilians-University Munich

Andreas Korge, M.D.
Chairman
Schön Klinik Munich Harlaching

Rudolf Beisse, M.D., Ph.D.
Chairman
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Faculty

Axel Stäbler, M.D., Ph.D., Munich
Christoph Siepe, M.D., Munich
Florian Zentz, M.D., Tutzing
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Franziska Heider, M.D., Munich

Scientific Organization

Dominik Bengel, M.D.
Schön Klinik Munich Harlaching

Organization

Mario Galler
Carl Zeiss Surgical GmbH

Locations

Department of Anatomy	Schön Klinik
Ludwig-Maximilians-University	Munich Harlaching
Pettenkoflerstrasse 11	Grünwalder Strasse 72
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Registration Fee

1075,- € includes participation in the workshop, hands-on exercises, catering, refreshments and one dinner

Online Registration

For registration please visit our homepage
www.meditec.zeiss.com/spine

Registration

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