

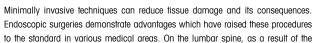
Herne / Düsseldorf, Germany

Invitation



Dear Colleagues,

The therapy of degenerative diseases of the spine carries with it medical and socioeconomic problems. After conservative measures are exhausted and where there are exacerbated pain conditions or neurological deficites, a surgical procedure may become necessary. Despite good therapy results, consecutive damage may ensue due to traumatisation. It is therefore of particular importance to optimize these procedures on a continuous basis. The goal we should strive for is the minimisation of surgically induced traumatisation and negative longterm consequences, taking into account the existing quality standard.



development of the interlaminar and lateral transforaminal access, the spinal canal with its adjoining structures can be reached full endoscopically. Technical problems have been solved by special rod-lens endoscopes with a large intra-endoscopic working channel and appropriate instruments. Working under a continuous stream of liquid offers options which have proved their worth in arthroscopic surgery through long experience. In the area of the cervical spine anterior or posterior access is possible.

Today, the combination of the new surgical access routes with the technical developments makes possible a fullendoscopic methodology coupled with excellent visibility which, taking into account the indication criteria, carries with it the advantages of a truly minimally invasive procedure and is sufficient, low in complications and economic. Principal indications are disc hemiations, spinal canal stenosis and intradiscal procedures such as the introduction of implants.

Full-endoscopic surgeries are an addition and an alternative within the overall concept of spinal surgery. Nevertheless, because of clear indications and boundaries, open and maximally invasive procedures are necessary. These must be mastered by the spinal surgeon in order, while taking into account the respective pathology, to be able to offer the appropriate procedure as well as cope with problems and complications of full-endoscopic surgeries.

In order to be able to visualize the exact position in the space at any time during the surgery, detailed knowledge of the anatomy is a prerequisite. In addition, for the three-dimensional understanding of the anatomical and pathological structures, the imaginary linking

of different imaging procedures and their sectional planes is necessary. This applies in particular to endoscopic techniques in which the direct visual reference between surgical access and working on the spot is lacking.



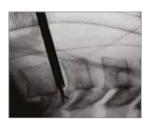
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During the training course we intend, in a reciprocal exchange with yourselves, to try to demonstrate the current and future options as well as problems, risks and complications of full-endoscopic surgeries in the area of the spine. In an environment of practical demonstration where you perform access routines on

cadavers yourself, typical practical experience for your

expected learning curve or future clinical application can be gathered. Under intensive tuition by instructors, each participant will perform the various access routines on a practical level and run through special working procedures. For this reason the number of participants is limited. Nevertheless, the training course cannot replace the acquisition of the necessary extensive knowledge.

Having regard to the considerable demand for national and international training courses we hope we have pinpointed your field of interest in the enclosed program and would be happy to welcome you as a participant at our symposium and at the dinner.





Priv.-Doz. Dr. med. habil. Sebastian Ruetten

Dr. med. Martin Komp

Center for Spine Surgery and Pain Therapy Head: Priv.-Doz. Dr. med. habil. Sebastian Ruetten ST. ELISABETH GRUPPE CATHOLISCHE KLINIKEN RHEIN-RUHR

Center for Orthopedics and Traumatology of the St. Elisabeth Group – Catholic Hospitals Rhein-Ruhr St. Anna Hospital Herne/Marien Hospital Herne University Hospital/Marien Hospital Witten Director: Prof. Dr. med. Georgios Godolias

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Friday, September 7th

Saturday, September 8th



08:30 h Registration

09:00 h Welcome and Introduction

M. Komp, S. Ruetten, D. Goethel

Lumbar spine:

09:15 h The transforaminal full-endoscopic approach in disc herniations – Technique and indications of posterolateral

to lateral access

S. Ruetten, A. Lienert, M. Komp

09:45 h Discussion

10:00 h Live Surgery

Full-endoscopic surgery with lateral transforaminal access in a disc herniation

M. Komp - Moderation: S. Ruetten

Discussion afterwards

10:45 h Break

11:00 h The interlaminar full-endoscopic approach in disc herniations – State of the art, possibilities and limitations

M. Komp, A. Lienert, S. Ruetten

11:30 h Discussion

11:45 h Live Surgery

Full-endoscopic surgery with interlaminar access in a disc herniation

S. Ruetten - Moderation: M. Komp

Discussion afterwards

12:30 h Lunch

13:15 h Full-endoscopic decompression in lateral and central stenosis – Application of the interlaminar and

transforaminal approach

S. Ruetten, A. Lienert, M. Komp

13:45 h Discussion

14:00 h Live Surgery

Full-endoscopic surgery with interlaminar access in lumbar spinal stenosis

M. Komp - Moderation: S. Ruetten

Discussion afterwards

14:45 h Break

Cervical spine:

15:00 h The full-endoscopic surgery of the cervical spine with anterior and posterior access – Possibilities and limitations

M. Komp. A. Lienert, S. Ruetten

Thoracic spine:

15:30 h Operation of thoracic disc herniations and stenosis in the full-endoscopic technique – interlaminar,

extraforaminal and transthoracic access

S. Ruetten, A. Lienert, M. Komp

16:00 h Discussion

16:15 h Closing

M. Komp, S. Ruetten, D. Goethel

19:00 h Common Dinner

09:00 h Welcome and Introduction

M. Komp, D. Goethel

Basic Cadaver Training - Part I:

09:15 h Repetition access techniques – Full-endoscopic transforaminal approach of the lumbar spine

M. Komp, S. Ruetten

09:45 h Demonstration of transforaminal access

M. Komp, S. Ruetten

10:15 h Practical exercises for participants

Module 1: Lumbar spine – Basic course:

Full-endoscopic transforaminal surgery

Module 2: Cervical spine – Master Class course:

Full-endoscopic surgery with anterior approach

On demand: extraforaminal surgery, foraminal stenosis surgery

Moderation / Instructors:

M. Cukovic, P. van Daele, J. M. Donoso Azagra, M. Komp, V. Kuansongtham, A. Lienert,

M. Mikhael, S. Ruetten, A. Tsobanelis, A. Yörükoglu

12:45 h Lunch

Basic Cadaver Training - Part II:

13:45 h Repetition access techniques – Full-endoscopic interlaminar approach of the lumbar spine

M. Komp, S. Ruetten

14:00 h Demonstration of interlaminar access

M. Komp, S. Ruetten

14:30 h Practical exercises for participants

Module 1: Lumbar spine – Basic course:

Full-endoscopic interlaminar surgery

Module 2: Cervical spine – Master Class course:

Full-endoscopic surgery with posterior approach

On demand: stenosis surgery

Moderation / Instructors:

M. Cukovic, P. van Daele, J. M. Donoso Azagra, M. Komp, V. Kuansongtham, A. Lienert,

M. Mikhael, S. Ruetten, A. Tsobanelis, A. Yörükoglu

16:00 h Closing

M. Komp, S. Ruetten, D. Goethel

04 05

Speakers / Instructors

General notes



Milos Cukovic

Center for Spine Surgery and Pain Therapy, Center for Orthopedics and Traumatology of the St. Elisabeth Group - Catholic Hospitals Rhein-Ruhr, St. Anna Hospital Herne/Marien Hospital Herne University Hospital/Morien Hospital Witten

Dr. Peter Van Daele

O.-L.-V.-van Lourdes Ziekenhuis Waregem Waregem, Belgium

Dr. José Miguel Donoso Azagra

Endoscopic Spine Surgery Center Vitacurav Santiago de Chile, Chile

Prof. Dr. med. Timm J. Filler

Director of the Institute for Anatomy I Section for Clinical Anatomy, Heinrich-Heine-University Düsseldorf, Germany

Dr. med. Martin Komp

Center for Spine Surgery and Pain Therapy, Center for Orthopedics and Traumatology of the St. Elisabeth Group - Catholic Hospitals Rhein-Ruhr, St. Anna Hospital Herne/Marien Hospital Herne University Hospital/Marien Hospital Witten

Dr. med. Verapan Kuansongtham

Director of the Spine Specialists Center, Bumrungrad International, Bangkok, Thailand

Dr. med. Arnd Lienert

Center for Spine Surgery and Pain Therapy, Center for Orthopedics and Traumatology of the St. Elisabeth Group - Catholic Hospitals Rhein-Ruhr, St. Anna Hospital Herne/Marien Hospital Herne University Hospital/Marien Hospital Witten

Dr. Marko Marković

Bel Medic General Hospital Belgrad, Serbia

Mina Mikhael

Center for Spine Surgery and Pain Therapy, Center for Orthopedics and Traumatology of the St. Elisabeth Group - Catholic Hospitals Rhein-Ruhr, St. Anna Hospital Herne/Marien Hospital Herne University Hospital/Marien Hospital Witten

Muhannad Razzouk

Center for Spine Surgery and Pain Therapy, Center for Orthopedics and Traumatology of the St. Elisabeth Group - Catholic Hospitals Rhein-Ruhr, St. Anna Hospital Herne/Marien Hospital Herne University Hospital/Marien Hospital Witten

Dr. G. Elgeadi Saleh

Elgeadi Traumatología Getafe, Spain

Priv.-Doz. Dr. med. habil. Sebastian Ruetten

Head o

Center for Spine Surgery and Pain Therapy, Center for Orthopedics and Traumatology of the St. Elisabeth Group - Catholic Hospitals Rhein-Ruhr, St. Anna Hospital Herne/Marien Hospital Herne University Hospital/Marien Hospital Witten

Dr. med. Athanasios Tsobanelis

Center for Spine Surgery and Pain Therapy, Center for Orthopedics and Traumatology of the St. Elisabeth Group - Catholic Hospitals Rhein-Ruhr, St. Anna Hospital Herne/Marien Hospital Herne University Hospital/Marien Hospital Witten

Dr. med. Ali Güven Yörükoglu

Avrasya Hospital, Department of Neurosurgery, Istanbul, Turkey

Organizers:

Center for Spine Surgery and Pain Therapy, Center for Orthopedics and Traumatology of the St. Elisabeth Group - Catholic Hospitals Rhein-Ruhr, St. Anna Hospital Herne/Marien Hospital Herne University Hospital/Marien Hospital Witten Hospitalstrasse 19. 44649 Herne. Germany

Section for Clinical Anatomy, Heinrich-Heine-University Düsseldorf Universitätsstr. 1 40225 Düsseldorf

Language:

All lectures, presentations and discussions will be conducted in **English**.

Conference Location:

Friday, September 7th

Center for Spine Surgery and Pain Therapy, Center for Orthopedics and Traumatology of the St. Elisabeth Group - Catholic Hospitals Rhein-Ruhr, St. Anna Hospital Herne/Marien Hospital Herne University Hospital/Marien Hospital Witten Hospitalstrasse 19, Hörsaal 1

44649 Herne, Germany Saturday, September 8th

Section for Clinical Anatomy, Heinrich-Heine-University Düsseldorf Universitätsstr. 1, Building 22.05 40225 Düsseldorf, Germany

There is a shuttle transfer from your hotel to the training location and back on both days.

Night Event:

Dinner on Friday, 7h September 2018, 19:00 h

Scientific Direction:

Dr. med. Martin Komp,
Priv.-Doz. Dr. med. habil. Sebastian Ruetten
Center for Spine Surgery and Pain Therapy, Center for Orthopedics and Traumatology of the St. Elisabeth Group - Catholic
Hospitals Rhein-Ruhr, St. Anna Hospital Herne/Marien Hospital
Herne University Hospital/Marien Hospital Witten

CME Certification:

Certified for CME credit points.

Organization Office:

RIWOspine GmbH Ms. Julia Armingeon Pforzheimer Str. 32 75438 Knittlingen Germany

Tel.: +49 7043 35-4137

E-Mail: julia.armingeon@riwospine.com

Hotels:

For hotel information and booking please contact the organization office.

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Registration



Participant (please fill out completely)

Organization Office: RIWOspine GmbH Ms. Julia Armingeon Tel.: +49 7043 35-4137 julia.armingeon@riwospine.com www.riwospine.com/events

45th International Training Course for Full-endoscopic Surgery of the Lumbar, Thoracic and Cervical Spine

Yes, I will participate in the

	on September 7th, 2018 Symposium with Live Surgery	First name:
	Insfer and dinner are free of additional fees. Yes, I will use the shuttle transfer** Hotel > Training location > Hotel Hotel > Training location > Hotel Hotel > Training location > Hotel See of the limited number of participants only those can be registered, who receive a confirmation from the organization office.	
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