



19th International Training Course for Full-endoscopic Operations of the Lumbar, Thoracic and Cervical Spine

Symposium with Live-Operation
and Cadaver-Workshop

Speakers

Dr. Verapan Kuansongtham

Dr. Sompoch Paiboonsirijit

Dr. Sebastian Ruetten

Dr. Martin Komp

June 11th- 12th, 2010
Bangkok, Thailand

at Faculty of Medicine, Ramathibodi Hospital
and Faculty of Science, Mahidol University

Organizers:

Faculty of Science, Mahidol University

Faculty of Medicine, Ramathibodi Hospital, Mahidol University

Bumrungrad International

Department of Spine Surgery and Pain Therapy,

Center of Orthopaedics and Traumatology, St. Anna-Hospital Herne, Germany

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Sebastian Ruetten

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Dear colleagues,

Lumbar disc herniation is a common problem requiring discectomy. In general, open spinal discectomy is associated with muscle and ligamentum flavum dissection which can cause scarring and long-term side effects. In order to make lumbar disc surgery minimally invasive, Dr. Sebastian Ruetten has developed a Richard Wolf endoscope for lumbar discectomy. His operative techniques significantly reduce the risks of these potential complications.

The endoscopic lumbar discectomy is another step advance from lumbar microdiscectomy that is performed with the use of the operating microscope. The surgical visualization by an endoscope is better than with the operating microscope. Because an endoscope can enter into the surgical anatomy and be able to look around with 25-degree lens unlike the operating microscope that views the surgical site from a distance, endoscopic discectomy requires a smaller incision and less tissue dissection than microscopic discectomy. Obviously, this minimally invasive, less traumatic, endoscopic lumbar discectomy leads to excellent results, faster recovery, and significant economic savings, which is extremely gratifying for both the patient and the surgeon.

We will devote ourselves to further development in the field of minimally invasive spine surgery. In this situation, we are very grateful for your participations. We hope that this training course will offer great opportunities for neurosurgeons and orthopaedicsurgeons to communicate, exchange experiences and upgrade their expertise which would eventually lead to further development in this field.

Thank you very much.

Dr. Verapan Kuansongtham

*Director of Spine Specialists Center
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Dr. med. Sebastian Ruetten

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Dr. Sompoch Paiboonsirijit

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Message from Dean of Faculty of Medicine, Ramathibodi Hospital

Dear colleagues,

We are delighted to invite both neurosurgeons and orthopaedicsurgeons who have strong interests to develop the endoscopic lumbar and cervical discectomy technique to our 19th International Training Course for Full-endoscopic Operations of the Lumbar, Thoracic and Cervical Spine. This year, we are honored to have Dr. Matin Komp as our guest lecturer and instructor. Dr. Verapan Kuansongtham and Dr. Sompoch Paiboonsirijit will present and discuss with you the results of their operations performed using this technique during the past two and a half years. They will perform two live operations (one with lateral transforaminal access and one with interlaminar access) for your observation. We also provide you a cadaveric workshop where you can perform access routines on cadavers yourselves under close supervision of the team of Dr. Ruetten.

We believe that the participants will gain significant knowledge and experience from our training course and wish you all success in applying this new technique with your patients.

Professor Rajata Rajatanavin

*Dean, Faculty of Medicine, Ramathibodi Hospital
Mahidol University*

- from 08:00 h **Registration**
- 08:45 - 09:00 h **Welcome speech**
Prof. Rajata Rajatanavin
- 09:00 - 09:15 h **How to learn new technology ?**
Dr. Suthorn Bavornratanevech
- 09:15 - 10:00 h **The transforaminal full-endoscopic operation of the lumbar spine - Technique and indications of posterolateral to lateral access**
S. Paiboonsirijit, V. Kuansongtham, M. Komp, S. Ruetten
- 10:00 - 10:30 h **Discussion**
- 10:30 - 10:45 h **Break**
- 10:45 - 12:00 h **Live Operation:**
Full-endoscopic operation with lateral transforaminal access
S. Paiboonsirijit, M. Komp, S. Ruetten
Moderation: *V. Kuansongtham, N. Hiranyasthiti, S. Chumnanvej, K. Saetia*
Discussion afterwards
- 12:00 - 13:00 h **Lunch**
- 13:00 - 13:45 h **The interlaminar full-endoscopic operation of the lumbar spine - State of the art and outlook**
V. Kuansongtham, S. Paiboonsirijit, M. Komp, S. Ruetten
- 13:45 - 14:15 h **Discussion**
- 14:15 - 14:30 h **Break**
- 14:30 - 15:45 h **Live Operation:**
Full-endoscopic operation with interlaminar access
V. Kuansongtham, M. Komp, S. Ruetten
Moderation: *S. Paiboonsirijit, N. Hiranyasthiti, S. Chumnanvej, K. Saetia*
Discussion afterwards
- 15:45 - 16:15 h **The full-endoscopic operation of the cervical spine with anterior and posterior access - Possibilities and limitations**
M. Komp, S. Ruetten, V. Kuansongtham, S. Paiboonsirijit
- 16:15 - 16:30 h **Closing**
- 18:00 h **Dinner at Mandarin Oriental, Bangkok**