34th International Training Course for Full-endoscopic Operations of the Lumbar, Thoracic and Cervical Spine

Symposium with Live-Operation and Cadaver-Workshop

January 30th-31st, 2015
Bangkok, Thailand

Verapan Kuansongtham
Sebastian Ruetten

Organizers:
• Spine Institute, Bumrungrad International Hospital, Bangkok, Thailand
• Faculty of Science, Mahidol University, Bangkok, Thailand
• Center for Spine Surgery and Pain Therapy, Center for Orthopaedics and Traumatology, St. Anna Hospital Herne, Germany

While others warm up – we set the standards!

VERTEBRIS

the full-endoscopic spine instruments set from RICHARD WOLF extends in a unique manner the application spectrum for operations of disc herniations and spinal stenosis with minimally invasive surgical techniques.

RICHARD WOLF is your experienced partner for full-endoscopic spine surgery.

Thanks to its modular design, this instrument set offers you an exceptionally wide spectrum of applications.

Sebastian Ruetten
Invitation

Dear colleagues,

Cervical and 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 scaring and long-term side effects. In order to make cervical and lumbar disc surgery minimally invasive, Dr. Sebastian Ruetten has developed a Richard wolf endoscope for both cervical and lumbar discectomy. His operative techniques significantly reduce the risks of these potential complications.

The endoscopic cervical and lumbar discectomy is another step advance from cervical and 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 surgical anatomy and has a capability 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 cervical and lumbar discectomy leads to excellent results, faster recovery, and significant economic saving, which is extremely gratifying for both the patient and the surgeon.

This time we include more advanced lecture and workshop table for recess decompression surgery with the new scope. We have accomplished this technique for a couple of years with good results.

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

Thank you very much.

Dr. Verapan Kuansongtham
Director of Bumrungrad Spine Institute
Bumrungrad International Hospital

Division of Neurosurgery
Department of Surgery
Faculty of Medicine, Ramathibodi Hospital
Mahidol University

Priv.-Doz. Dr. med. habil. Sebastian Ruetten
Head of the Center for Spine Surgery and Pain Therapy
Center for Orthopaedics and Traumatology
St. Anna Hospital Herne, Germany

Message from Medical Director of Bumrungrad International Hospital

Dear colleagues,

At Bumrungrad, we strive for professional excellence and innovation in all we do. We participate actively in the advancement of medicine practice through research and education. For Spine Surgery, in June 2011 the Bumrungrad Spine Institute has been established at our hospital. In addition, we launched the Asian Full Endospine Training Center in collaboration with St. Anna Hospital and Richard Wolf GmbH at Bumrungrad. This evidenced the recognition of the capabilities and experience of our spine surgeons in advance endoscopic techniques pioneered in Germany.

As you may already be aware, Dr. Sebastian Ruetten is a world pioneer who invented a special technique for using an endoscope to operate patients with herniated discs. Dr. Verapan Kuansongtham, our neurosurgeon who is also the Director of our Spine Institute, and Dr. Sompoch Paiboonsiriit have been directly trained by Dr. Ruetten. In 2008, Dr. Ruetten and Dr. Kuansongtham decided to become partners in training doctors around the world for the full-endoscopic spine and cervical surgery. Each year, they will jointly organize a symposium for full-endoscopic surgery of the lumbar and cervical spine twice a year in Germany (March and September), and once a year in Thailand (around January).

In 2009, Dr. Kuansongtham and Dr. Paiboonsiriit also joined Dr. Ruetten in organizing a special workshop in Chicago for American doctors.

Since Thailand is the only training center in Asia, each time we received participants from many countries in this region like Hong Kong, Malaysia, Korea and India. We trust that you will find our symposium even more interesting forum for exchange of knowledge and experiences among doctors with diverse background.

Dr. Num Tanthuwanit
Chief Executive Officer and Medical Director
Bumrungrad International Hospital
Friday, January 30th, 2015  
At Bumrungrad International Hospital, Bangkok

07:45 h  Shuttle transfer  
The Sukosol Hotel to  
Bumrungrad International Hospital

From 08:30 h  Registration
09:00-09:15 h  Welcome and introduction  
Mr. Dennis Brown, Corporate Chief Executive officer  
Dr. Num Tanthuwanit, Chief Executive Officer and Medical Director  
Dr. Sebastian Ruetten, Head of the Center for Spine Surgery  
and Pain Therapy Center,  
St. Anna Hospital Herne, Germany  
Mr. Dirk Goethel, Head of Product Marketing Spine Surgery,  
Richard Wolf GmbH

Lumbar / Thoracic Spine:
09:15-9:45 h  The transforaminal full-endoscopic approach in disc herniations –  
Technique and indications of posterolateral to lateral access  
S. Paiboonsirijit, V. Kuansongtham, S. Ruetten, M. Komp

09:45-10:15 h  Discussion

10:15-10:30 h  Refreshment
10:30-11:15 h  Live Operation:  
Full-endoscopic operation with lateral transforaminal  
access in a disc herniation  
V. Kuansongtham, S. Paiboonsirijit, T. Wattanawong  
Moderators: W. Mahattanakul, K. Saetia, W. Kesornsak, S. Ruetten, M. Komp  
Discussion afterwards

11:15-11:45 h  The interlaminar full-endoscopic approach in disc herniations -  
State of the art, possibilities and limitations  
T. Wattanawong, V. Kuansongtham, S. Ruetten, M. Komp

11:45-12:15 h  Discussion
12:15-13:15 h  Lunch
13:15-14:00 h  Live Operation:  
Full-endoscopic operation with interlaminar access in a disc herniation  
V. Kuansongtham, T. Wattanawong, I. Komonhirun,  
Moderators: A. Hansasuta, A. Boongird, W. Kesornsak  
Discussion afterwards

14:00-14:30 h  Full-endoscopic decompression in lateral and central stenosis -  
Application of the interlaminar and transforaminal approach  
V. Kuansongtham, S. Ruetten, M. Komp

14:30-14:45 h  Discussion
14:45-15:00 h  Refreshment

Cervical Spine:
15:00-15:30 h  The full-endoscopic operation of the cervical spine with anterior  
and posterior access – Possibilities and limitations  
S. Ruetten, M. Komp, V. Kuansongtham

15:30-15:45 h  Discussion
15:45-16:00 h  Closing  
V. Kuansongtham

16:15 h  Shuttle transfer  
From Bumrungrad International Hospital to Sukosol hotel
**Saturday, January 31st, 2015**  
*At Faculty of Science, Mahidol University, Bangkok*

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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| 08:30 h       | Shuttle transfer  
From the Sukosol Hotel to Mahidol University |
| 09:00-09:15 h | Welcome and introduction  
W. Weerachayanukul, P. Saitongdee, V. Kuansongtham |
| 09:30-09:45 h | Repetition access techniques –  
Full-endoscopic transforaminal approach of the lumbar spine  
V. Kuansongtham, S. Paiboonsirijit, S. Ruetten, M. Komp |
| 09:45-10:15 h | Demonstration of transforaminal access  
V. Kuansongtham, S. Paiboonsirijit, S. Ruetten, M. Komp |
| 10:15-12:45 h | Practical exercises for participants  
**Module 1:** Lumbar spine - basic course:  
Full-endoscopic transforaminal operation  
**Module 2:** Lumbar spine - advanced course:  
Full-endoscopic extraforaminal operation  
**Module 3:** Cervical spine:  
Full-endoscopic operation with anterior approach  
*Instructors:*  
V. Kuansongtham, A. Boongird, I. Komonhirun, K. Aroonjarattham,  
K. Saetia, P. Preedeeprompan, R. Arunakul, W. Kesornsak,  
S. Chumnanvej, S. Paiboonsirijit, S. Ruetten, T. Wattanawong,  
W. Mahattanakul, |
| 11:30-12:00 h | Demonstration of interlaminar decompression for lateral recess stenosis  
V. Kuansongtham, S. Ruetten, M. Komp |
| 12:45-13:45 h | Lunch |
| 13:45-14:00 h | Repetition access techniques –  
Full-endoscopic interlaminar approach of the lumbar spine  
V. Kuansongtham, S. Ruetten, M. Komp |
| 14:00-14:30 h | Demonstration of interlaminar access  
V. Kuansongtham, S. Ruetten, M. Komp |
| 14:30-16:45 h | Practical exercises for participants  
**Module 1:** Lumbar spine - basic course:  
Full-endoscopic Interlaminar operation  
**Module 2:** Lumbar spine - advanced course:  
Full-endoscopic operation of spine canal stenosis  
**Module 3:** Cervical spine:  
Full-endoscopic operation with posterior approach  
*Instructors:*  
V. Kuansongtham, A. Boongird, I. Komonhirun, K. Aroonjarattham,  
K. Saetia, P. Preedeeprompan, R. Arunakul, W. Kesornsak,  
S. Chumnanvej, S. Paiboonsirijit, S. Ruetten, T. Wattanawong,  
W. Mahattanakul,  
16:00-16:30 h | Demonstration of interlaminar approach to posterior cervical spine  
V. Kuansongtham, S. Ruetten, M. Komp |
| 16:45-17:00 h | Closing  
V. Kuansongtham |
| 17:15 h       | Shuttle transfer  
From Mahidol University to the Sukosol Hotel |
Symposium with Live-Operation And Cadaver-Workshop

Speakers/Instructors

Dr. Kittirat Arunjaratthanayak
Orthopedic Surgeon
Bumrungrad Spine Institute

Dr. Rattalerk Arunakul
Orthopedic Surgeon
Bumrungrad Spine Institute

Dr. Atthaporn Boongird*
Neurosurgeon
Bumrungrad Spine Institute

Mr. Dennis Brown
Corporate Chief Executive Officer
Bumrungrad Hospital Public Company Limited

Dr. Sorayouth Chumnanvej*
Neurosurgeon
Bumrungrad Spine Institute

Dr. Ake Hansasuta*
Neurosurgeon
Bumrungrad Spine Institute

Dr. Dr. Withawin Kesornsak
Orthopaedic Surgeon
Bumrungrad Spine Institute

Dr. Ittipol Komonhirun
Orthopedic Surgeon
Bumrungrad Spine Institute

Dr. med. Martin Komp
Center for Spine Surgery and Pain Therapy, Center for Orthopaedics and Traumatology, St. Anna-Hospital Herne

Dr. Verapan Kuansongtham*
Neurosurgeon
Director of Bumrungrad Spine Institute
Bumrungrad International Hospital

Dr. Wannapa Mahattanakul*
Neurosurgeon
Bumrungrad Spine Institute

Dr. Sompoch Paibonsirijit
Orthopedic Surgeon
Bumrungrad International Hospital

Dr. Pradit Predeepram
Orthopaedic Surgeon
Bumrungrad Spine Institute

Priv.-Doz. Dr. med. habil. Sebastian Ruetten
Head of the Center for Spine Surgery and Pain Therapy, Center for Orthopaedics and Traumatology, St. Anna-Hospital Herne, Germany

Dr. Kriangsak Saetia*
Neurosurgeon
Bumrungrad Spine Institute

Assoc. Prof. Dr. Pornchan Saitongdee
Department of Anatomy
Faculty of Science, Mahidol University

Dr. Num Tanthuwanit
Chief Executive Officer and Medical Director
Bumrungrad Hospital Public Company Limited

Dr. Thanet Wattanawong
Orthopaedic Surgeon
Bumrungrad Spine Institute

General Notes

ORGANIZERS:

- Spine Institute
  Bumrungrad International Hospital
  33 Sukhumvit 3, Klong Toei Nua, Vadhana, Bangkok 10110, Thailand

- Center for Spine Surgery and Pain Therapy
  Center for Orthopaedics and Traumatology
  St. Anna-Hospital Herne
  Hospitalstrasse 19, 44649 Herne, Germany

- Department of Anatomy
  Faculty of Science, Mahidol University
  272 Rama VI Road, Bangkok 10400, Thailand

LANGUAGE:

All lectures, presentations and discussions will be conducted in ENGLISH.

CONFERENCE LOCATION:

- Friday, January 30th, 2015
  21th Floor, Conference Room, Bumrungrad International Hospital, Bangkok, Thailand.
  See map on page 12.

- Saturday, January 31st, 2015
  Faculty of Science, Mahidol University, Bangkok, Thailand.
  See map on page 13.

There is a free shuttle transfer service between the Sukosol Hotel and the conference locations on both days.

CME CERTIFICATION:

Certified for 12 CME credit points:

ORGANIZATION OFFICE:

Miss Benjamaporn Utartham
Miss Pattiya Namfar
Miss Supunsa Meemasuk
Medical Education
Bumrungrad Hospital PCL.
33 Sukhumvit 3, Klong Toei Nua, Vadhana, Bangkok 10110, Thailand
Tel: +66 (0) 2667 1883-5
Fax: +66 (0) 2262 5022
E-mail: medical.education@bumrungrad.com

SUGGESTED HOTEL:

The Sukosol Hotel
477 Si Ayuthaya Road, Phaya Thai, Bangkok 10400, Thailand
Tel: +66 (0) 2247-0123, Fax: +66 (0) 2247-0165
thesukosol@sukosolhotels.com

*Also a member of the Faculty of Medicine at Ramathibodi Hospital, Mahidol University, Bangkok, Thailand
Registration

Please send your registration form to Medical Education, Bumrungrad Hospital Pcl no later than December 26th, 2014 via fax number +66 (0) 2262 5022 or e-mail: medical.education@bumrungrad.com

Yes, I will participate in the 34th International Training Course for Full-endoscopic Operations of the Lumbar, Thoracic and Cervical Spine January on only January 30th, 2015;

☑ on both January 30th and 31st, 2015.

Participant (please complete information below)

First name: ____________________________________________________________
Surname: ________________________________________________________________
Title: _________________________________________________________________
Hospital: _______________________________________________________________
Street: _________________________________________________________________
City/Postcode: ___________________________________________________________
Country: ______________________________________________________________
Tel: ___________________ Fax: __________________________
E-mail: ________________________________________________________________

Have you ever participated in any full-endoscopic operations of the lumbar, thoracic and cervical spine training course before?
☑ Yes, please specify date and place.
☐ No

Have you ever performed full-endoscopic operations of the lumbar, thoracic and/or cervical spine?
☑ Yes, please specify types and approximate number of cases.
☐ No

Special Dietary Needs:
☐ None ☐ Vegetarian ☐ Seafood Allergies ☐ Halal ☐ Other, please specify

Signature:_____________________________________________ Date:______________

Course fee:
☑ For attending only lecture on January 30th, 2015

Thai: THB 3,000 Foreigner: USD 100

☑ For attending both lecture and workshop on January 30th - 31st, 2015

Thai: THB 36,000 Foreigner: USD 1,200

Participants:
There is a maximum of 30 participants for workshop on Friday, January 30th, 2015.

Due to space limitation, only participants who receive confirmation from the Organization Office will be registered for the training. The Organization Office will provide payment information upon confirmation.

Symposium with Live-Operation And Cadaver-Workshop
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