28th International Training Course for Full-endoscopic Operations of the Lumbar, Thoracic and Cervical Spine

Symposium with Live-Operation and Cadaver-Workshop

February 1st - 2nd, 2013
Bangkok, Thailand

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

Department of Anatomy
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www.bumrungrad.com
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.

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 orthopaedic 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

Dr. Sompoch Paiboonsirijit
Assistant to Chairperson of the Department of Orthopaedics
Bumrungrad International Hospital

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 his partner, Dr. Sompoch Paiboonsirijit, Assistant to Chairperson of the Department of Orthopaedics, 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. Paiboonsirijit 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
Medical Director
Bumrungrad International Hospital
Friday, February 1st, 2013
At Bumrungrad International Hospital, Bangkok

07:45 h
Shuttle transfer
From Pullman Bangkok King Power 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, Medical Director
Dr. Sebastian Ruetten

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
S. Paiboonsirijit, S. Ruetten, M. Komp
Moderators: V. Kuansongtham, A. Hansasuta, W. Mahattanakul
Discussion afterwards

11:15-11:45 h
The interlaminar full-endoscopic approach in disc herniations
State of the art, possibilities and limitations
V. Kuansongtham, S. Paiboonsirijit, 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, S. Ruetten, M. Komp
Moderators: S. Paiboonsirijit, A. Hansasuta, W. Mahattanakul
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. Paiboonsirijit, 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, S. Paiboonsirijit

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

16:15 h
Shuttle transfer
From Bumrungrad International Hospital to Pullman Bangkok King Power

18:00 h
Dinner at Glen Bar, Pullman Bangkok King Power

Symposium with Live-Operation And Cadaver-Workshop
Saturday, February 2nd, 2013
At Faculty of Science, Mahidol University, Bangkok

08:30 h  Shuttle transfer
From Pullman Bangkok King Power to Mahidol University

09:00-09:15 h  Welcome and introduction
W. Weerachatyanukul, P. Saitongdee,
V. Kuansongtham, S. Paiboonsirijit

Cadaver Workshop – Part I
09:30-09:45 h  Repetition access techniques –
Full-endoscopic transforaminal approach of the lumbar spine
S. Paiboonsirijit, S. Ruetten, M. Komp
09:45-10:15 h  Demonstration of transforaminal access
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:
S. Ruetten, M. Komp, V. Kuansongtham,
S. Paiboonsirijit, W. Mahattanakul, T. Wattanawong,
P. Predeeprompan, S. Chumnanvej, K. Saetia,
W. Kesornsak

12:45-13:45 h  Lunch

Cadaver Workshop – Part II
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 spinal canal stenosis
Module 3: Cervical spine:
Full-endoscopic operation with posterior approach
Instructors:
S. Ruetten, M. Komp, V. Kuansongtham,
S. Paiboonsirijit, W. Mahattanakul, T. Wattanawong,
P. Predeeprompan, S. Chumnanvej, K. Saetia, W. Kesornsak

16:45:17:00 h  Closing
V. Kuansongtham, S. Paiboonsirijit

17:15 h  Shuttle transfer
From Mahidol University to Pullman Bangkok King Power
Speakers / Instructors

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

Dr. Num Tanthuwanit
Medical Director
Bumrungrad International Hospital

Dr. Sorayouth Chumnanvej*
Neurosurgeon
Bumrungrad Spine Institute

Dr. Ake Hansasuta*
Neurosurgeon
Bumrungrad Spine Institute

Dr. Withawin Kesornsak
Neurosurgeon
Bumrungrad Spine Institute

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

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

Dr. Sompoch Paiboonsirijit
Assistant to Chairperson of the
Department of Orthopaedics
Bumrungrad International Hospital

Dr. Pradit Predeeprompan
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. Proncharn Saitongdee
Department of Anatomy
Faculty of Science, Mahidol University

Dr. Thanet Wattanawong*
Orthopaedic Surgeon
Bumrungrad Spine Institute

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

General Notes

ORGANIZERS:
- Spine Institute
  Bumrungrad International Hospital
  33 Sukhumvit 3
  Klongtoey Nua, Wattana
  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, February 1st, 2013**
  12th Floor, Conference Room,
  Bumrungrad International Hospital,
  Bangkok, Thailand.
  See map on page 12.

- **Saturday, February 2nd, 2013**
  Faculty of Science, Mahidol University,
  Bangkok, Thailand.
  See map on page 13.

  There is a free shuttle transfer service between Pullman Bangkok King Power and the conference locations on both days.

NIGHT EVENT:
- **Friday, February 1st, 2013 18:00 h.**
  Dinner at Glen Bar, Pullman Bangkok
  King Power

SCIENTIFIC DIRECTION:
Dr. Verapan Kuansongtham
Dr. Sompoch Paiboonsirijit
Spine Institute
Bumrungrad International Hospital
33 Sukhumvit 3
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Priv.-Doz. Dr. med. habil. Sebastian Ruetten
Dr. med. Martin Komp
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Center for Orthopaedics and Traumatology
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Hospitalstrasse 19,
44649 Herne, Germany

CME CERTIFICATION:
Certified for 12 CME credit points:

ORGANIZATION OFFICE:
Miss Benjamaporn Utartham
Miss Pattiya Namfar
Miss Supunsa Meemasuk
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Bangkok 10400, Thailand
Tel: +66 (0) 2680 9999
[www.pullmanbangkokkingpower.com](http://www.pullmanbangkokkingpower.com)
Registration

Please send your registration form to Medical Education, Bumrungrad Hospital Pcl no later than November 30th, 2012

via fax number +66 (0) 2262 5022
or e-mail: medical.education@bumrungrad.com


☐ on only February 1st, 2013; or

☐ on both February 1st and 2nd, 2013.

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

Would you and your spouse like to join welcome dinner at Pullman Hotel?

☐ Yes, please specify number.
☐ No

Special Dietary Needs:

☐ None    ☐ Vegetarian
☐ Seafood Allergies    ☐ Halal
☐ Other, please specify

Signature: ___________________________ Date: ___________________________

Course fee:

☐ For attending only lecture
on February 1st, 2013
Thai  THB 2,000    Foreigner  USD 100

☐ For attending both lecture and
workshop on February 2nd, 2013
Thai  THB 30,000    Foreigner  USD 1,200

Participants:

There is a maximum of 30 participants for workshop on Saturday, February 2nd, 2013.

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.
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Increase Access

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