40th International Training Course for Full-endoscopic Operations of the Lumbar, Thoracic and Cervical Spine
February 3rd - 4th, 2017

Course Director:
Dr. Verapan Kuansongtham
Priv.-Doz. Dr. med. Sebastian Ruetten

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

VERTEBRIS cervical
VERTEBRIS thoracic
VERTEBRIS lumbar
VERTEBRIS stenosis
VERTEBRIS denervation

Full-endoscopic solutions for disc herniations, spinal canal stenosis, sacroiliac and facet joint syndrome

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Message from Chief Executive Officer 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 Herne 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 and stenosis. 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).

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. 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

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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 scarring 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 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
Friday, February 3rd, 2017
At Bumrungrad International Hospital, Bangkok

From 08:30 h  Registration
09:00-09:15 h  Welcome and introduction

Lumbar / Thoracic Spine:
09:15-9:45 h  The transforaminal full-endoscopic approach in disc herniations –
              Technique and indications of posterolateral to lateral access
              W. Kesornsak, V. Kuansongtham, S. Ruetten, M. Komp
09:45-10:00 h  Discussion
10:00-10:15 h  Refreshment
10:15-11:00 h  Live Operation:
              Full-endoscopic operation with lateral transforaminal
              access in a disc herniation
              V. Kuansongtham, T. Wattanawong
              Moderators: W. Mahattanakul, K. Saetia, W. Kesornsak, S. Ruetten,
              M. Komp
              Discussion afterwards
11:00-11:30 h  The interlaminar full-endoscopic approach in disc herniations -
              State of the art, possibilities and limitations
              T. Wattanawong, V. Kuansongtham, S. Ruetten, M. Komp
11:30-11:45 h  Discussion
11:45-12:45 h  Lunch
12:45– 13:00 h  Radiation safety in operating theatre
              W. Rattanaphakkhakun, GE Healthcare
13:00-13:45 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
13:45-14:00 h  New endoscopic system for full-endoscopic decompression of spinal
              stenosis
              D. Goethel

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 h  Closing

V. Kuansongtham
Saturday, February 4th, 2017
At Faculty of Science, Mahidol University, Bangkok

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

Cadaver Workshop - Part I
09:30-09:45 h Repetition access techniques – Full-endoscopic transforaminal approach of the lumbar spine
V. Kuansongtham, S. Ruetten, M. Komp

09:45-10:15 h Demonstration of transforaminal access
V. Kuansongtham, S. Ruetten, M. Komp

10:15-12:45 h Practical exercises for participants
Module 1: Lumbar spine:
Full-endoscopic transforaminal operation

Module 2: Cervical spine:
Full-endoscopic operation with anterior approach

Instructors:

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

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:
Full-endoscopic interlaminar operation, bone drilling on demand

Module 2: Cervical spine:
Full-endoscopic operation with posterior approach

Instructors:

16:45-17:00 h Closing
V. Kuansongtham
Registration

Please send your registration form to Medical Education, Bumrungrad Hospital Pcl by December 16th, 2016

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

Yes, I will participate in the 40th International Training Course for Full-endoscopic Operations of the Lumbar, Thoracic and Cervical Spine

☐ on only February 3rd, 2017
☐ on both February 3rd and 4th, 2017

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 February 3rd, 2017
Thai: THB 10,000
Foreigner: USD 300

☐ For attending both lecture and workshop on February 3rd-4th, 2017
Thai: THB 40,000
Foreigner: USD 1,200

Participants:

There is a maximum of 36 participants for workshop on Saturday February 4th, 2017

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

Speakers/Instructors

Asst. Prof. Dr. Rattalerk Arunakul  
Orthopedic Surgeon  
Bumrungrad Spine Institute

Dr. Atthaporn Boongird*  
Neurosurgeon  
Bumrungrad Spine Institute

Dr. Narongsak Bumrungtin  
Orthopedic Surgeon  
Head of Orthopedic Department  
Chaiyaphum Hospital

Assoc. Prof. Dr. Ake Hansasuta*  
Neurosurgeon  
Bumrungrad Spine Institute

Dr. Withawin Kesornsak  
Neurosurgeon  
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, Germany

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

Mr. Dirk Goethel  
General Manager  
RIWOspine GmbH

Dr. Wattana Mahattanakul*  
Neurosurgeon  
Bumrungrad Spine Institute

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

Dr. Pradit Predeeprompan  
Orthopaedic Surgeon  
Bumrungrad Spine Institute

Mr. Witvala Rattanaphakhkahan  
Surgery Leader - Asean  
GE Healthcare

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

Asst. Prof. Dr. Kriangsak Saetia*  
Neurosurgeon  
Bumrungrad Spine Institute

Assoc. Prof. Dr. Thanet Wattanawong  
Orthopaedic Surgeon  
Bumrungrad Spine Institute

Mr. Dirk Goethel  
General Manager  
RIWOspine GmbH

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

General Notes

ORGANIZERS:

■ Bumrungrad 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, February 3rd, 2017  
21st Floor, Conference Room,  
Bumrungrad International Hospital,  
Bangkok, Thailand.  
See map on page 12.

■ Saturday, February 4th, 2017  
Faculty of Science, Mahidol University,  
Bangkok, Thailand.  
See map on page 13.

SCIENTIFIC DIRECTION:

Dr. Verapan Kuansongtham  
Bumrungrad Spine Institute  
Bumrungrad International Hospital  
33 Sukhumvit 3  
Klong Toei Nua, Vadhana,  
Bangkok 10110, Thailand

Priv.-Doz. Dr. med. habil. Sebastian Ruetten  
Dr. med. Martin Komp  
Center for Spine Surgery and Pain Therapy  
Center for Orthopaedics and Traumatology  
St. Anna-Hospital Herne  
Hospitalstrasse 19,  
44649 Herne, Germany

ORGANIZATION OFFICE:

Miss Benjamaporn Utartham  
Mrs. Pattiya Madsri  
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
GE Healthcare

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Improve Quality

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