Intensive Course

46th International Training Course for Full-endoscopic Operations of the Lumbar, Thoracic and Cervical Spine
January 31st - February 1st, 2019

COURSE DIRECTORS
Dr. Verapan Kuansongtham
Priv.-Doz. Dr. med. habil. Sebastian Ruetten

ORGANIZERS
- Bumrungrad Spine Institute, Bumrungrad International Hospital, Bangkok, Thailand
- Chula Soft Cadaver Surgical Training Center, Chulalongkorn University, Bangkok, Thailand
- 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, Germany
- The Bumrungrad Hospital Foundation

www.riwospine.com
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, Priv.-Doz. Dr. med. habil. 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
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Department of Surgery
Chula Soft Cadaver Surgical Training Center, Faculty of Medicine,
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Head of the Center for Spine Surgery and Pain Therapy
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Message from Chief Executive Officer and 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 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, Priv.-Doz. Dr. med. habil. 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.

Assoc. Prof. Somsak Chaovisitsaree, M.D.
Chief Executive Officer and Medical Director
Bumrungrad International Hospital
09:00-09:15 h  Welcome and introduction
V. Kuansongtham, T. Tansatit

Cadaver Workshop – Part I

09:30-09:45 h  Repetition access techniques – Full-endoscopic transforaminal approach of the lumbar spine
W. Kesornsak, V. Kuansongtham, S. Ruetten

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

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

Instructors:
T. Wattanawong, W. Kesornsak, I. Komonhirun, A. Boongird,
P. Predeepranpan, K. Saetia, N. Bumrungtin, W. Mahattanakul,
S. Ruetten, D. Goethel

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
W. Kesornsak, V. Kuansongtham, S. Ruetten

14:00-14:30 h  Demonstration of interlaminar access
V. Kuansongtham, W. Kesornsak, S. Ruetten

14:30-16:45 h  Practical exercises for participants
Module 1: Lumbar spine: Full-endoscopic operation with posterior approach

Instructors:
T. Wattanawong, W. Kesornsak, I. Komonhirun, A. Boongird,
P. Predeepranpan, K. Saetia, N. Bumrungtin, W. Mahattanakul,
S. Ruetten, D. Goethel

16:45-17:00 h  Closing
V. Kuansongtham
Friday, February 1st, 2019
Intensive Course: at Bumrungrad International Hospital, Bangkok, Thailand

From 08:00 h
08:30-08:45 h  Registration
Welcome and introduction
S. Chaovisitsaree, V. Kuansongtham, S. Ruetten

Lumbar / Thoracic Spine:
09:00-09:30 h  The transforaminal full-endoscopic approach in disc herniations –
Technique and indications of posterolateral to lateral access
S. Ruetten

09:30-09:45 h  Discussion

09:45-10:30 h  Live Operation: Full-endoscopic operation with lateral transforaminal access
in a disc herniation
V. Kuansongtham, T. Wattanawong

Moderators: W. Mahattanakul, R. Arunakul, A. Boongird, W. Kesornsak, S. Ruetten
Discussion afterwards
10:30-10:45 h  Refreshment
10:45-11:15 h  The interlaminar full-endoscopic approach in disc herniations -
State of the art, possibilities and limitations
W. Kesornsak, V. Kuansongtham, S. Ruetten

Cervical Spine:
15:15-15:45 h  The full-endoscopic operation of the cervical spine with anterior and posterior access – Possibilities and limitations
S. Ruetten

11:15-11:30 h  Discussion
11:30-12:15 h  Live Operation: Full-endoscopic operation with interlaminar access
in a disc herniation
V. Kuansongtham, I. Komonhirun

Moderators: W. Mahattanakul, R. Arunakul, A. Boongird, W. Kesornsak, S. Ruetten
Discussion afterwards
12:15-13:15 h  Lunch

Full-endoscopic decompression in lateral and central stenosis –
Application of the interlaminar and transforaminal
W. Kesornsak, V. Kuansongtham, S. Ruetten
Live Operation: Full-endoscopic operation with interlaminar
access in lumbar spinal stenosis
V. Kuansongtham, T. Wattanawong

Moderators: W. Mahattanakul, W. Kesornsak, R. Arunakul, M. Ruangchainikom, S. Ruetten
Discussion afterwards
13:15-13:45 h  Discussion afterwards

13:45-14:30 h
14:30-14:45 h
14:45-15:00 h
15:00-15:15 h
15:15-15:45 h

Technical aspects of full-endoscopic spinal
applications & equipment
D. Goethel
Discussion
Refreshment

The full-endoscopic operation of the cervical spine with
anterior and posterior access – Possibilities and limitations
S. Ruetten
Discussion

Closing
V. Kuansongtham
Registration

Please send your registration form to Medical Education, Bumrungrad Hospital Pcl by December 17th, 2018
Tel: +66 (0) 2011 3141
via fax number +66 (0) 2011 3133
or e-mail: medical.education@bumrungrad.com

Yes, I will participate in the 46th International Training Course for Full-endoscopic Operations of the Lumbar, Thoracic and Cervical Spine

☐ Lecture only February 1st, 2019
☐ Intensive Course January 31st - February 1st, 2019

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 1st, 2019
Thai: THB 10,000 USD 300
☐ Intensive Course (max 20 participants) on January 31st - February 1st, 2019
Thai: THB 65,000 USD 2,000

Participants:
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.

Direct Deposit
Swift Code: BKKBTHBK
Payment Currency: THB/ USD
Bank Name: Bangkok Bank
Branch: Bumrungrad Hospital
Bank Address: 33 Soi 3 Sukumvit Road, Klongtoey Nua, Wattana, Bangkok 10110
A/C No: 031-706273-5
BHF. for Spine Surgery Training
Speakers/Instructors

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

Assoc. Prof. Dr. Atthaporn Boongird*
Neurosurgeon
Bumrungrad Spine Institute

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

Dr. Akira Dezawa
Visiting Professor
Department of Orthopaedic Surgery
Miznonokuchi Hospital, Teikyo University

Mr. Dirk Goethel
General Manager
RIWOspine GmbH

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

Dr. Withawin Kesornsak
Neurosurgeon
Bumrungrad Spine Institute

Dr. Ittipol Komonhirun
Orthopedic Surgeon
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Dr. med. Martin Komp
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Asst. Prof. Dr. Monchai Ruangchainikom
Orthopaedic Surgeon
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Neurosurgeon
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Assoc. Prof. Dr. Thanet Wattanawong
Orthopaedic Surgeon
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*Also a member of the Chula Soft Cadaver Surgical Training Center, Chulalongkorn University, Bangkok, Thailand

General Notes

ORGANIZERS:

- Bumrungrad Spine Institute
Bumrungrad International Hospital
33 Sukhumvit 3
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Bangkok 10110, Thailand

- Center for Spine Surgery and Pain Therapy
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Chula Soft Cadaver Surgical Training Center
4th Floor Padtyapip building Faculty of Medicine Chulalongkorn University,
Bangkok, Thailand

- The Bumrungrad Hospital Foundation
33 Sukhumvit 3
Klongtoey Nua, Wattana
Bangkok 10110, Thailand

CONFERENCE LOCATION:

- Thursday, January 31st, 2019
Chula Soft Cadaver Surgical Training Center, 4th Floor Padtyapap building
Faculty of Medicine Chulalongkorn University, Bangkok, Thailand
see map on page 15

- Friday, February 1st, 2019
21st Floor, Conference Room,
Bumrungrad International Hospital,
Bangkok see map on page 15

SCIENTIFIC DIRECTION:

- Dr. Verapan Kuansongtham
Bumrungrad Spine Institute
Bumrungrad International Hospital
33 Sukhumvit 3
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Bangkok 10110, Thailand

- Priv.-Doz. Dr. med. habil. Sebastian Ruetten
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ORGANIZATION OFFICE:
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SUGGESTED HOTEL:
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LANGUAGE:
All lectures, presentations and discussions will be conducted in ENGLISH.
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Sky Train (BTS): Saladeang Station
Subway (MRT): Silom Station

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1873 Rama 4 Rd. Pathumwan, Bangkok 10330
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