

**International Symposium on Spine and Paravertebral Sonography  
for Anaesthesia and Pain Medicine 2010**

**issps2010 Hong Kong (28-30<sup>th</sup> March 2010)**

Venue: Postgraduate Education Centre, Prince of Wales Hospital, The Chinese University of  
Hong Kong, Shatin, Hong Kong. [www.usgraweb.hk/issps2010](http://www.usgraweb.hk/issps2010)

**Scientific Program**

Organized by: The Department of Anaesthesia and Intensive Care  
The Chinese University of Hong Kong  
Prince of Wales Hospital  
Shatin, New Territories  
Hong Kong

# International Symposium on Spine and Paravertebral Sonography for Anaesthesia and Pain Medicine 2010

## 28<sup>th</sup> March 2010 (Sunday): Refresher Course on Ultrasound Guided Regional Anaesthesia

0700h: Registration and Breakfast with the Exhibitors

0750h: Welcome Address: *Dr Manoj K Karmakar*

### Session 1: Moderator: *Dr Manoj K Karmakar*

0800 h: Ultrasound Guided Regional Anaesthesia – Where Are We *Today?* *Dr. Vincent Chan*

0830 h: A New Look at Sonoanatomy for Ultrasound Guided Regional Anaesthesia. *Dr. W.H.Kwok*

0855 h: Ultrasound-guided Intra-neural Injections: Are they Indicated or Reckless? *Dr. Admir Hadzic*

0920 h: US Guided Perineural Catheter Placement – Challenges and Pearls. *Dr. Ban Tsui*

1045 h: Panel Discussion - *Drs Vincent Chan, Admir Hadzic, Ban Tsui and W.H. Kwok*

1000 h: **Break with the Exhibitors**

### Session 2: Moderator: *Dr. P.T.Chui*

1040 h: Basic Anatomy for Ultrasound Guided Cervical Blocks and Anatomical Variations. *Dr. Yutaka Satoh*

1105 h: Ultrasound Guided Abdominal Wall Blocks. *Dr. Peter Hebbard*

1130 h: Ultrasound Guided Lumbar Plexus Block. *Dr. Jeff Gadsden*

1155 h: Competency in USGRA - who should be doing it and after what training and assessment? *Dr. Nigel Bedforth*

1220 h: Panel Discussion - *Drs Y. Satoh, P. Hebbard, Jeff Gadsden and N. Bedforth*

1230 h: Lunch with the Exhibitors

1330 - 1800 h: Workshop 1 (8 stations, 30 mins at each station with 30 min break at 1530h)

**Station 1.** Brachial Plexus Block above the Clavicle - Interscalene and Supraclavicular. *Dr. P.T.Chui, Dr Yutaka Satoh and Dr. Peggy Li*

**Station 2.** Brachial Plexus Block below the Clavicle - Infraclavicular and Axillary. *Dr. Manfred Greher, Dr. Steve Roberts and Dr. Emily Koo*

**Station 3.** Lower Extremity Blocks with the Patient in the Prone Position - Sciatic Nerve block (Parasacral, Subgluteal, Mid-thigh and Popliteal). *Dr. Vincent Chan, Dr. Peter Cheng and Dr. Carina Li*

**Station 4.** Lower Extremity Blocks with the Patient in the Supine Position - Femoral, Obturator and Saphenous nerves. *Dr. Ban Tsui, Dr. Jeff Gadsden and Dr Victor Chee*

**Station 5.** Lower Extremity Blocks with Patient in the Lateral Position – Lumbar Plexus Block. *Dr. Admir Hadzic, Dr Thomas Clarke and Dr. M.K Karmakar*

**Station 6.** Ultrasound Guided Ankle Blocks for Fore-foot surgery. *Dr. Nigel Bedforth, Dr. W.H. Kwok and Dr Victor Chee*

**Station 7.** Abdominal Wall Blocks - Iliohypogastric, Ilioinguinal nerves, and TAP. *Dr. Peter Hebbard, Dr Sean C.S. Lin and Dr Phil Holz*

**Station 8.** Ultrasound Phantom and Needling Techniques. *Dr. Kristie Tsang, Dr Belinda Wong and Dr Michael Li*

1330 h: Workshop 1 – Session 1 (4 stations, 30 min each, 10 participants per station)

1530 h: Break with the Exhibitors

1600 h: Workshop 1 – Session 2 (4 stations, 30 min each, 10 participants per station)

1800 h: Wrap Up and Adjournment

**End of Day 1**

# International Symposium on Spine and Paravertebral Sonography for Anaesthesia and Pain Medicine 2010

**29<sup>th</sup> March 2010 (Monday): issps2010**

0700h: Registration and Breakfast with the Exhibitors

0750h: Welcome Address: *Dr Manoj K Karmakar*

**Session 3:** Moderator: *Prof. Tony Gin*

0805 h: Ultrasound Imaging of the Cervical Spine and Injection Techniques. *Dr. Manfred Greher*

0830 h: Ultrasound Imaging of the Lumbar and Thoracic Spine and Injection Techniques. *Dr. Manoj Karmakar*

0855 h: Ultrasound Imaging of the Sacrum and Injection Techniques (caudal, sacral trans-foraminal, sacro iliac joint) *Dr. Sean C.S.Lin*

0920 h: Understanding the Sonoanatomy of the Scoliotic Spine. *Dr. W.H. Kwok*

0945 h: Spinal Sonography for Epidurals and Spinals in Obstetrics. *Dr. Peter Hebbard*

1010 h: Panel Discussion *Drs. M. Greher, S.C.S. Lin, M.K. Karmakar, W.H. Kwok, P. Hebbard*

1030 h: **Break with the Exhibitors**

**Session 4:** Moderator: *Dr. P.T.Chui*

1100 h: Thoracic Paravertebral Sonography and Injection Techniques. *Dr. Manoj K Karmakar*

1125 h: Spinal Sonography and Ultrasound Guided Central Neuraxial Blocks in Children. *Dr. Steve Roberts*

1150 h: 3D 4D Ultrasound Imaging in Regional Anaesthesia. *Dr. Nigel Bedforth*

1215 h: Musculoskeletal Ultrasonography - Its Diagnostic and Therapeutic Potential in Pain Medicine. *Dr. Peter Cheng*

1240 h: Panel Discussion *Drs. P. Cheng, M.K.Karmakar, S. Roberts and N. Bedforth*

1300 h: **Lunch with the Exhibitors**

## **1400 h. Parallel Session 5A: Ultrasound in Paediatric Regional Anaesthesia**

Moderator: *Dr. W.H.Kwok*

1400 h: Ultrasound for Peripheral Nerve Blocks in Children. *Dr. Steve Roberts*

1430 h: Thoracic Epidural Catheterization in Children via the Caudal Route using Ultrasound and Electrical Nerve Stimulation. *Dr. B.C.H. Tsui*

1500 h: 3D 4D Spinal Sonography during Ultrasound Guided Central Neuraxial Blocks in Children. *Dr. M.K. Karmakar*

1530 h: Panel Discussion *Drs S.Roberts, B.C.H. Tsui and M.K.Karmakar*

1545 h: **Break with the Exhibitors**

## **1400 h. Parallel Session 5B: Ultrasound in Pain Medicine**

Moderator: *Dr. Carina Li*

1400 h: US-guided Interventions for Low Back Pain (Medial branch block, Selective lumbar nerve root injection and Caudal Epidural) *Dr. Manfred Greher*

1430 h: US-guided Peripheral Nerve and Sympathetic Blocks for Pain Management (Suprascapular, Intercostal, Pudendal nerves, Stellate ganglion and Ganglion Impar blocks). *Dr. S.C.S. Lin*

1500 h: US-guided Musculo-Skeletal Injections for Pain Management (Muscle and Joint Injections). *Dr. Peter Cheng*

1530 h: Panel Discussion *Drs M. Greher, S.C.S Lin and P. Cheng*

1545 h: **Break with the Exhibitors**

## **1615 h: Session 6: Expert Scanning Demonstration in Volunteers**

Moderator: *Dr. M.K.Karmakar*

1615 h: Ultrasound imaging for common Peripheral nerve blocks in children. *Dr. Steve Roberts*

1625 h: Paediatric Spine Imaging. *Dr. B.C.H. Tsui*

1635 h: Cervical Spine and Paravertebral Imaging. *Dr. Manfred Greher*

1645 h: Lumbar Spine Imaging. *Dr. Thomas Clarke*

1655 h: Sacral Spine Imaging. *Dr. S.C.S Lin*

1705 h: Lumbar Paravertebral Imaging. *Dr. Vincent Chan*

1715 h: Thoracic Spine and Paravertebral Imaging. *Dr. Manoj K Karmakar*

1725 h: Ultrasound Imaging for Ankle Blocks. *Dr. Nigel Bedford*

1735 h: Ultrasound Imaging for Hip Joint and Shoulder Injection. *Dr. Peter Cheng*

1745 h: Q&A Session

1800: Course Evaluation and Adjournment

## **End of Day 2**

## **30<sup>th</sup> March 2010 (Tuesday) – issps2010 Workshop (Limited to 200 participants)**

### **0700 h: Registration and Breakfast with the Exhibitors**

Workshops (8 stations, 30 mins at each station)

**Station 1.** Cervical Spine and Paravertebral Imaging for chronic pain interventions. *Drs. Manfred Greher, Thomas Clarke and Peggy Li*

**Station 2.** Lumbar Spine Imaging. *Drs. Yutaka Satoh, Peter Hebbard and Nigel Bedford*

**Station 3.** Lumbar Paravertebral Imaging. *Drs. Vincent Chan, Admir Hadzic and Jeff Gadsden*

**Station 4.** Lumbar and Sacral Spine Imaging for Chronic Pain Interventions. *Drs. Peter Cheng, Sean C.S. Lin and Carina Li*

**Station 5.** Paediatric Spine Imaging. *Drs. Ban Tsui and Steve Roberts*

**Station 6.** Difficult Spine Imaging – Scoliosis and Ankylosing Spondylosis. *Drs. W.H.Kwok and Emily Koo*

**Station 7.** Thoracic Paravertebral Imaging. *Drs. Victor Chee, Phil Holz and Manoj K Karmakar*

**Station 8.** Spinal Phantom and Ultrasound Guided Central Neuraxial Techniques. *Drs. P.T. Chui, Dr. Kristie Tsang and Dr. Belinda Wong*

### **Workshop 2 (8 Stations, Limited to 100 participants)**

0800 h: Workshop 2 – Session 1 (Rotate through 4 stations, 30 min each)

1000 h: Break with the Exhibitors

1030 h: Workshop 2 – Session 2 (Rotate through 4 stations, 30 min each)

1230: Lunch with the Exhibitors

### **Workshop 3 (8 Stations, Limited to 100 participants)**

1330 h: Workshop 3 – Session 1 (Rotate through 4 stations, 30 min each)

1530 h: Break with the Exhibitors

1600 h: Workshop 3 – Session 2 (Rotate through 4 stations, 30 min each)

1800 h: Symposium Ends