

1st International Symposium on Spine and Paravertebral Sonography for Anaesthesia and Pain Medicine - Hong Kong (9 - 11th April 2009)

9th April 2009: Basic Course on Ultrasound Guided Regional Anaesthesia

Postgraduate Education Centre, Prince of Wales Hospital, The Chinese University of Hong Kong, Shatin, Hong Kong. www.usgraweb.hk/issps2009

9th April 2009 (Thursday, limited to 100 participants)

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

0800: **Welcome Address: Dr Manoj Karmakar**

Morning Session: Moderator: Dr.P.T.Chui

0805: **Why use Ultrasound to Guide Regional Anaesthesia? Dr.Peter Marhofer**

0820: **Basic Principles of Ultrasound Imaging. Dr. Belinda Wong**

0845: **Know Your Ultrasound Machine. Dr.W.H.Kwok**

0905: **Essentials of Musculoskeletal Ultrasound Imaging. Dr.Manoj Karmakar**

0925: **Establishing a Scanning Routine. Dr.P.T.Chui**

0940: **Break with the Exhibitors**

1010: **Sonoanatomy of the Upper Limb. Dr.Vincent Chan**

1035: **Sonoanatomy of the Lower Limb. Dr. Eryk Eisenberg**

1100: **Sonoanatomy for Abdominal Blocks. Dr.Peter Hebbard**

1125: **US Guided Perineural Catheter Placement – Challenges and Pearls. Dr.Vincent Chan**

1150: **US Guided Regional Anaesthesia – A Common Sense Approach. Dr.Admir Hadzic**

1215: **Q&A**

1230: **Lunch with the Exhibitors**

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

Station 1: Sonoanatomy Upper Limb – above clavicle (Interscalene , supraclavicular). **Dr.P.T.Chui**

Station 2: Sonoanatomy Upper Limb – below clavicle (infraclavicular fossa, axilla). **Dr.Thomas Grau**

Station 3: Sonoanatomy Upper Limb: Mid-humeral, radial, ulnar, median and musculocutaneous nerves. **Dr.Vincent Chan**

Station 4: Sonoanatomy Lower Limb – Lateral Position (Sciatic nerve and Lumbar Plexus). **Dr.Admir Hadzic**

Station 5: Sonoanatomy Lower Limb – Prone Position (sciatic nerve – parasacral, infragluteal, mid-thigh and popliteal fossa) **Dr.Thomas Clark**

Station 6: Sonoanatomy Lower limb – Supine position (Femoral, obturator, lateral femoral cutaneous nerve, Sciatic Nerve (anterior approach) and saphenous nerves). **Dr.Eryk Eisenberg**

Station 7: Sonoanatomy Abdominal Blocks (iliohypogastric, ilioinguinal nerves, and TAP). **Dr.Peter Hebbard**

Station 8: Ultrasound Phantom and Needling Techniques. **Dr.W.H.Kwok**

1330: **Workshop – Session 1** (8 stations, 30 min each, 10-12 participants per station)

1530: **Break with the Exhibitors**

1600: **Workshop – Session 2** (8 stations, 30 min each, 10-12 participants per station)

1800: **Wrap Up and Adjournment**

End of Day 1

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10th April 2009 (Friday)

0700: *Registration and Breakfast with the Exhibitors*

0800: **Welcome Address:** *Dr Manoj Karmakar*

Morning Session: Moderator: *Prof. Tony Gin*

0805: **Basic Principles of Spine and Paravertebral Imaging.** *Dr. Vincent Chan*

0830: **Ultrasound Imaging of the Cervical Spine.** *Dr. Urs Eichenberger*

0855: **Ultrasound Imaging of the Thoracic Spine.** *Dr. Thomas Grau*

0920: **Cervical Paravertebral Sonography, Cervical Facet Joint, Selective Nerve Root And Transforaminal Injection Techniques.** *Dr. Urs Eichenberger*

0945: **Thoracic Paravertebral Sonography and Injection Techniques.**
Dr. Manoj Karmakar

1010: **Q&A**

1020: **Break with the Exhibitors**

1050: **Ultrasound Imaging of the Lumbar Spine and Injection Techniques.**
Dr. Manoj Karmakar

1115: **Ultrasound imaging of the Sacrum and Injection Techniques (caudal, sacral trans-foraminal, sacro iliac joint)** *Dr. Thomas Clark*

1140: **Spinal Sonography and USG Central Neuraxial Blocks in Obstetric Anaesthesia and Analgesia.** *Dr. Thomas Grau*

1205: **Spinal Sonography in Children.** *Dr. Peter Marhofer*

1230: **Ultrasound Guided Central Neuraxial Blocks and Epidural Catheterization Techniques in Children.** *Dr. Suresh Santhanam*

1255: **Q&A**

1305: **Lunch with the Exhibitors**

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

1400: Expert Scanning Demonstration in Volunteers (15 min per session)

1400: **Cervical Spine and Paravertebral Imaging.** *Dr. Urs Eichenberger*

1415: **Thoracic Spine Imaging.** *Dr. Thomas Grau*

1430: **Thoracic Paravertebral Sonography.** *Dr. Peter Marhofer*

1445: **Lumbar Spine Imaging.** *Dr. Thomas Grau*

1500: **Lumbar Paravertebral Imaging.** *Dr. Manoj Karmakar*

1515: **Sacral Spine Imaging.** *Dr. Thomas Clark*

1530: **Paediatric Spine Imaging.** *Dr. Suresh Santhanam*

1545: Break with the Exhibitors

1615: How I Do It Session. (Video Demonstration by the Experts, Max 7 min per presentation)

1. **USG Cervical Facet and Nerve Root Injection.** *Dr.Urs Eichenberger*
2. **USG Stellate Ganglion Block.** *Dr.Urs Eichenberger*
3. **USG Lumbar Facet Injection.** *Dr.Urs Eichenberger*
4. **USG Thoracic Paravertebral Block.** *Dr.Manoj Karmakar*
5. **Real-time USG In-plane Epidural Access.** *Dr.Manoj Karmakar*
6. **Real-time USG In-plane Intrathecal Injection.** *Dr.Manoj Karmakar*
7. **Real-time USG CSE (off-plane) Technique.** *Dr.Thomas Grau*
8. **USG Epidural Blood Patch for PDPH.** *Dr.Thomas Grau*
9. **USG Caudal epidural and Sacral Intervertebral injection.** *Dr.Thomas Clark*
10. **USG Paediatric Epidural Catheterization.** *Dr.Peter Marhofer*
11. **USG Paediatric Thoracic Paravertebral Block.** *Dr.Peter Marhofer*
12. **Paediatric Epidural Catheterization: USG + Nerve Stimulation.** *Dr. Suresh Santhanam*
13. **Paediatric Caudal Epidural Injection Visualized Using 3D & 4D Ultrasound.** *Dr.Manoj Karmakar*
14. **Adult Neuraxial Sonoanatomy and Needle Guidance in 3D and 4D.** *Dr.Thomas Clark*

1745: Q&A Session

1800: Course evaluation and Adjournment

End of Day 2

11th April 2009 (Saturday) - Workshops Limited to 200 participants)

0730: Registration and Breakfast with the Exhibitors

0800: Workshops (8 stations, 30 mins at each station with 30 min break at 1000h)

Station 1. Cervical Spine and Paravertebral Imaging. *Dr.Urs Eichenberger*

Station 2. Thoracic Spine and Paravertebral Imaging. *Dr.Thomas Grau*

Station 3. Lumbar Spine Imaging. *Dr.Manoj Karmakar*

Station 4. Lumbar Paravertebral Imaging. *Dr.Vincent Chan*

Station 5. Sacral Spine Imaging. *Dr. Thomas Clark*

Station 6: Paediatric Spine Imaging. *Dr. Peter Marhofer and Dr. Suresh Santhanam*

Station 7. Difficult Spine Imaging – Scoliosis. *Dr.W.H.Kwok*

Station 8. Spinal Phantom. *Dr.P.T.Chui*

0800: Workshop A (8 stations, 30 min each. 100 participants) – Session 1

1000: Break with the Exhibitors

1030: Workshop A – Session 2

1230: Lunch with the Exhibitors

1330: Workshop B – (8 stations, 30 min each. 100 participants) Session 1

1530: Break with the Exhibitors

1600: Workshop B – Session 2

1800: Symposium Ends