

## International Symposium on Spine and Paravertebral Sonography for Anaesthesia and Pain Medicine 2018

**Dates:** 26-28<sup>th</sup> January 2018

**Organized by:** The Department of Anaesthesia and Intensive Care, The Chinese University of Hong Kong

**Venue:** Courtyard by Marriott Hong Kong, Shatin, New Territories, Hong Kong

**Website:** [www.usgraweb.hk/issps2018](http://www.usgraweb.hk/issps2018)

### Scientific Program

#### Friday, 26<sup>th</sup> January 2018

##### issps2018 Day 1 - Session 1: Plenary Lecture Series I. Moderator: Dr. Karmakar MK

0700-0745 h	Registration and Breakfast	
0745-0800 h	Welcome Address	Dr. Karmakar MK
0800-0825 h	High definition ultrasound imaging of the Brachial plexus (Roots, Trunks, Divisions and Cords) and Recent Refinements in Brachial plexus block.	Dr. Karmakar MK
0825-0850 h	Ultrasound Guided Cervical plexus block – Sonoanatomy, Technique, Mechanism of Action and Indications	Dr. Litz R
0850-0915 h	Ultrasound Guided Erector Spinae Block – Sonoanatomy, Technique, Mechanism of Action and Indications	Dr. Barrington M
0915-0940 h	Neurological Complications after Peripheral Nerve Blockade: Strategies for Prevention and Management.	Dr. Chan V
0940-0950 h	Panel Discussion. Drs. Litz, Barrington, Chan and Karmakar	

##### **0950-1045 h Break with the Exhibitors**

##### issps 2018 Day 1 – Session 2: Plenary Lecture Series 2. Moderator: Dr. Chui PT

1045-1110 h	Ultrasound Imaging of the Cervical Spine and Paravertebral Region and Injection Techniques.	Dr. Shankar H
1110-1135 h	Ultrasound Imaging of the Thoracic Spine and Paravertebral Region and Injection Techniques.	Dr. Karmakar MK
1135-1200 h	Ultrasound Imaging of the Lumbar Spine and Injection Techniques.	Dr. Karmakar MK
1200-1225 h	Ultrasound Imaging of the Lumbar Paravertebral Region and Injection Techniques.	Dr. Kessler P
1225-1250 h	Ultrasound Imaging of the Sacrum and Injection Techniques (Includes Caudal epidural, Sacral Transforaminal, Si Joint, Piriformis and Pudendal Nerve Injection)	Dr. Lin CP
1250-1300 h	Panel Discussion. Drs. Shankar, Karmakar, Kessler and Lin	

##### **1300-1430 h Lunch Break with the Exhibitors**

##### issps 2018 Day 1 – Session 3: Parallel Session I – Ultrasound for Regional Anaesthesia. Moderator: Dr. Mok L

1430-1455 h	Ultrasound guided Lumbosacral plexus block: What is the Optimal approach for Hip Surgery?	Dr. Bendtsen TF
1455-1520 h	Ultrasound Guided Intercostal Nerve Blocks of the Thoracic Wall: PECS and Serratus Plane Block	Dr. Blanco R
1520-1545 h	Ultrasound guided Quadratus Lumborum Block: Sonoanatomy, Technique, Mechanism of Action and Indications.	Dr. Gurkan Y
1545-1610 h	Ultrasound Guided Perineural Catheter Placement – Technical Challenges, Innovation and Strategies to Improve Safety and Efficacy.	Dr. Tsui B
1610-1625 h	Panel Discussion: Drs. Bendtsen, Blanco, Gurkan, and Tsui	

##### issps 2018 Day 1 – Session 4: Parallel Session II – Ultrasound for Pain Medicine. Moderator: Dr. Li C

1430-1455 h	Sonoanatomy of the Shoulder and Injection Techniques – From Theory to Evidence	Dr. Chang K
1455-1520 h	Ultrasound Guided Interventions for Low Back Pain: (Lumbar Approach: Medial branch block including L5 dorsal ramus block, facet joint injection, Selective lumbar nerve root injection, and Quadratus lumborum block).	Dr. Gonzalez C
1520-1545 h	Ultrasound Guided Sympathetic Blocks: From Cervical to Ganglion Impar	Dr. Shankar H
1545-1610 h	Ultrasound Guided Interventions for Cervicogenic Headache and Facial Pain.	Dr. Lin CP
1610-1625 h	Panel Discussion: Drs. Chang, Gonzalez, Shankar and Lin	

**1625 h: End of Day 1**

## Saturday, 27<sup>th</sup> January 2018

### issps2018 Day 2 - Session 5: Workshop 1

**Each workshop session is for 90 minutes. Participants can register for only one topic during any workshop session. The number of participants per workshop will be limited to 15**

#### 0800-0930 h. Sonography for Anaesthesia Workshop

Workshop 1A	Ultrasound Imaging of the Lumbar Spine – The Basics	Drs. Tsui B and Blanco R
Workshop 1B	Ultrasound Imaging of the Difficult Spine (Obesity, Scoliosis and Spinal Instrumentation)	Drs. Kwok WH, Chan P and Mok L
Workshop 1C	Lumbar Paravertebral Sonography and Ultrasound Guided Lumbar Plexus Block.	Drs. Kessler P, Gurkan Y and Pangthipumpai P
Workshop 1D	Ultrasound Imaging of the Thoracic Spine and Paravertebral Region and Injection Techniques (Thoracic Epidural and Paravertebral Block)	Drs. Barrington M, Litz R and Songthamwat B
Workshop 1E	Lumbosacral Plexus Block - Suprasacral Parallel Shift Technique for Lumbar plexus and Lumbosacral trunk Nerve Block.	Drs. Bendtsen TF and Pakpirom J
Workshop 1F	Learning the Skills Necessary for USG Central Neuraxial Blocks. ( <i>Intense hands on practice using a pig carcass spine model</i> )	Drs. Chui PT, Law B and Or D

### issps2018 Day 2 - Session 6: Workshop 2

**Each workshop session is for 90 minutes. Participants can register for only one topic during any workshop session. The number of participants per workshop will be limited to 15**

#### 0800-0930 h. Sonography for Pain Medicine

Workshop 2A	Cervical Spine Imaging (includes Cervical Epidural, Cervical Facet, Medial branch, Cervical nerve root, Greater and Lesser Occipital Nerve).	Drs. Shankar H and Li P
Workshop 2B	Thoracolumbar Spine, Intercostal and Paravertebral Imaging for Chronic Pain Interventions.	Drs. Li C and Lin CP
Workshop 2C	Ultrasound Imaging for Dorsal Scapular nerve, Long Thoracic nerve, Suprascapular nerve, Piriformis muscle and Pudendal Nerve for Chronic Pain Interventions.	Drs. Lam S and Chang K
Workshop 2D	Sacral Spine and Sacroiliac Joint Imaging and Injection Techniques for Chronic Pain Interventions.	Drs. Clark T and Chiu C
Workshop 2E	Ultrasound Guided Interventions for Low Back Pain: (Lumbar Approach: Medial branch block, facet joint injection, Selective lumbar nerve root injection, Quadratus lumborum and Piriformis injection).	Drs. Gonzalez C and TBC

### 0930-1030 h. Break with the Exhibitors

### issps2018 Day 2 - Session 7: Workshop 3

**Each workshop session is for 90 minutes. Participants can register for only one topic during any workshop session. The number of participants per workshop will be limited to 15**

#### 1030-1200 h. Sonography for Anaesthesia Workshop

Workshop 3A	Ultrasound Imaging of the Lumbar Spine – The Basics	Drs. Tsui B and Chan V
Workshop 3B	Ultrasound Imaging of the Difficult Spine (Obesity, Scoliosis and Spinal Instrumentation)	Drs. Kwok WH, Chan P and Mok L
Workshop 3C	Lumbar Paravertebral Sonography and Ultrasound Guided Lumbar Plexus Block.	Drs. Kessler P, Gurkan Y and Pangthipumpai P
Workshop 3D	Ultrasound Imaging of the Thoracic Spine and Paravertebral Region and Injection Techniques (Thoracic Epidural and Paravertebral Block)	Drs. Barrington M, Litz R and Songthamwat B
Workshop 3E	Lumbosacral Plexus Block - Suprasacral Parallel Shift Technique for Lumbar plexus and Lumbosacral trunk Nerve Block.	Drs. Bendtsen TF and Pakpirom J
Workshop 3F	Learning the Skills Necessary for USG Central Neuraxial Blocks. ( <i>Intense hands on practice using a pig carcass spine model</i> )	Drs. Chui PT, Law B and Or D

### issps2018 Day 2 - Session 8: Workshop 4

**Each workshop session is for 90 minutes. Participants can register for only one topic during any workshop session. The number of participants per workshop will be limited to 15**

#### 1030-1200 h. Sonography for Pain Medicine

Workshop 4A	Cervical Spine Imaging ( <i>includes Cervical Epidural, Cervical Facet, Medial branch, Cervical nerve root, Greater and Lesser Occipital Nerve</i> ).	Drs. Shankar H and Li P
Workshop 4B	Thoracolumbar Spine, Intercostal and Paravertebral Imaging for Chronic Pain Interventions.	Drs. Li C and Lin CP
Workshop 4C	Ultrasound Imaging for Dorsal Scapular nerve, Long Thoracic nerve, Suprascapular nerve, Piriformis muscle and Pudendal Nerve for Chronic Pain Interventions.	Drs. Lam S and Chang K
Workshop 4D	Sacral Spine and Sacroiliac Joint Imaging and Injection Techniques for Chronic Pain Interventions.	Drs. Clark T and Chiu C
Workshop 4E	Ultrasound Guided Interventions for Low Back Pain: (Lumbar Approach: Medial branch block, facet joint injection, Selective lumbar nerve root injection, Quadratus lumborum and Piriformis injection).	Drs. Gonzalez C and TBC

### 1200-1330 h. Lunch with the Exhibitors

## issps2018 Day 2 – Session 9: Workshop 5

**Each workshop session is for 90 minutes. Participants can register for only one topic during any workshop session. The number of participants per workshop will be limited to 15**

### 1330-1500 h. Sonography for Anaesthesia Workshop

Workshop 5A	Cervical Plexus Block (Superficial and Deep): Sonoanatomy and Injection Techniques	Drs. Litz R and Gonzalez C
Workshop 5B	Thoracic Paravertebral Sonography and Ultrasound guided Thoracic Paravertebral Block.	Drs. Kessler P, Gurkan Y and Pangthipumpai P
Workshop 5C	TAP, Quadratus lumborum block and Erector Spinae Block.	Drs. Barrington M and Tsui B
Workshop 5D	Thoracic Interfascial Nerve Block for Breast Surgery - PECS, Serratus Plane Block	Drs. Blanco R and Pakpirom J
Workshop 5E	Multi-level Thoracic Paravertebral and Sub-pectoral Plexus Block for Surgical Anesthesia During Major Breast Cancer Surgery.	Drs. Karmakar MK and Songthamwat B

## issps2018 Day 2 - Session 10: Workshop 6

**Each workshop session is for 90 minutes. Participants can register for only one topic during any workshop session. The number of participants per workshop will be limited to 15**

### 1330-1500 h. Sonography for Pain Medicine

Workshop 6A	Ultrasound examination of the Shoulder and Elbow Joints and Injection Techniques	Drs. Chang K
Workshop 6B	Ultrasound Examination of the Hip and Knee Joints and Injection Techniques	Drs. Shankar H and Li C
Workshop 6C	Ultrasound Examination of the Ankle and Foot and Injection Techniques	Drs. Clark T and Li P
Workshop 6D	US guided hydrodissection of Peripheral Nerves, Neural Fascia and Deep Nervous Structures.	Drs. Lam S and Chiu C
Workshop 6E	Ultrasound Guided Sympathetic Blocks for Pain Medicine: Stellate ganglion, coeliac plexus, and superior hypogastric plexus, and ganglion impar.	Drs. Lin CP and Gonzalez C

## 1500-1545 h. Break with the Exhibitors

## issps2018 Day 2 – Session 11: Workshop 7

**Each workshop session is for 90 minutes. Participants can register for only one topic during any workshop session. The number of participants per workshop will be limited to 15**

### 1545-1715 h. Sonography for Anaesthesia Workshop

Workshop 7A	Cervical Plexus Block (Superficial and Deep): Sonoanatomy and Injection Techniques	Drs. Litz R and Gonzalez C
Workshop 7B	Ultrasound Guided Costoclavicular Brachial Plexus Block	Drs. Chan V and Pangthipumpai P
Workshop 7C	TAP, Quadratus lumborum block and Erector Spinae Block.	Drs. Bendtsen TF and Tsui B
Workshop 7D	Thoracic Interfascial Nerve Block for Breast Surgery - PECS, Serratus Plane Block	Drs. Blanco R and Pakpirom J
Workshop 7E	High Definition Ultrasound Imaging of the Brachial plexus (C5-T1): Technique of Locating the Individual Roots, Trunks, Division and Cords of the Brachial Plexus, Suprascapular nerve block (anterior approach) and Selective Upper Trunk block.	Drs. Karmakar MK and Songthamwat B

## issps2018 Day 2 - Session 12: Workshop 8

**Each workshop session is for 90 minutes. Participants can register for only one topic during any workshop session. The number of participants per workshop will be limited to 15**

### 1545-1715 h. Sonography for Pain Medicine

Workshop 8A	Ultrasound examination of the Shoulder and Elbow Joints and Injection Techniques	Drs. Chang K
Workshop 8B	Ultrasound Examination of the Hip and Knee Joints and Injection Techniques	Drs. Shankar H and Li C
Workshop 8C	Ultrasound examination for the Genicular nerves of the Knee Joint and Injection technique.	Drs. Clark T and Li P
Workshop 8D	US guided hydrodissection of Peripheral Nerves, Neural Fascia and Deep Nervous Structures.	Drs. Lam S and Chiu C
Workshop 8E	Ultrasound Guided Sympathetic Blocks for Pain Medicine: Stellate ganglion, coeliac plexus, and superior hypogastric plexus, and ganglion impar.	Drs. Lin CP and Gonzalez C

**1715 h: End of Day 2**

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## Sunday, 28<sup>th</sup> January 2018

### issps2018 Day 3 - Session 13: Plenary Lecture Series 4. Moderator: Dr. Karmakar MK

0700-0800 h	Light Breakfast	
0800-0825 h	Ultrasound Guided TAP and Quadratus Lumborum Block for Major Abdominal Surgery. Can they Replace Epidural Analgesia?	Dr. Kessler P
0825-0850 h	Motor Power Preserving Regional Analgesic Techniques for Total Knee Arthroplasty – What Should We Be Using?	Dr. Barrington M
0850-0915 h	Point of Care Ultrasound (PoCUS) of the Diaphragm and Airway	Dr. Tsui B
0915-0940	Ultrasound Guided Costoclavicular Brachial Plexus Block	Dr. Karmakar MK
0940-1000 h	Panel Discussion Drs. Chan, Tsui, Barrington and Karmakar	
<b>1000-1045 h</b>	<b>Break with the Exhibitors</b>	

### issps2018 Day 3 - Session 14: Parallel Session III - Video Presentation of USG Regional Anaesthetic Procedures: Moderator: Dr. Karmakar MK

1045 – 1230 h	<b><i>Video Demonstration of Ultrasound Guided Regional Anaesthetic Procedures (Single shot + Catheter techniques):</i></b> (Details to Follow)	
1230-1300 h	Question and Answer Session (All Faculty)	

### issps2018 Day 3 - Session 15: Parallel Session IV - Video Presentation of USG Interventions for Chronic Pain: Moderator: Dr. Li P

1045 – 1230 h	<b><i>Video Demonstration of Ultrasound Guided Interventions for Chronic Pain</i></b> (Details to Follow)	
1230-1300 h	Question and Answer Session (All Faculty)	

### 1300-1430 h. Lunch Break

## 1430 h: End of Symposium

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