REGIONAL ANAESTHESIA WORKSHOP: BLOCKS FOR BREAST & THORACIC SURGERY & TRAUMA

Blocks for Breast & Thoracic Surgery & Trauma
Penafancia Cano, Philippines
Mauricio Forero, Canada
Viet Vu, Vietnam

At the end of this workshop, participants will be able to:
1. Describe the sonoanatomy in the anterior and posterior chest wall that is relevant for breast and thoracic wall blocks.
2. Scan with ultrasound to identify parasternal, pectoral, serratus anterior and erector spinae muscle planes and paravertebral space.
3. Describe indications and techniques to perform chest wall and thoracic paravertebral blocks.

REGIONAL ANAESTHESIA WORKSHOP: BLOCKS FOR SHOULDER & CLAVICLE SURGERY

Blocks for Shoulder & Clavicle Surgery
Rosie Hogg, United Kingdom
Diogo da Conceicao, Canada
Yean Chin Lim, Singapore

At the end of this workshop, participants will be able to:
1. Describe the sonography of the brachial plexus, superficial cervical plexus and clavipectoral plane.
2. Scan with ultrasound to identify interscalene / supraclavicular brachial plexus, superficial cervical plexus and clavipectoral plane.
3. Describe indications and techniques to perform brachial plexus, superficial cervical plexus and clavipectoral plane blocks for shoulder and clavicle surgery.
Session Date/Time: Monday, March 4, 2024 - 08:00 - 09:00

**Regional Anaesthesia: Strategies to Prevent Rebound Pain after Regional Anaesthesia**

Review local anaesthetic and systemic analgesic strategies to prevent rebound pain after resolution of regional anaesthesia.

- **08:00** Chair: Session Introduction
  
  Clara Lobo, United Arab Emirates

- **08:02** The Role of Local Anaesthetic Additives & Adjuncts
  
  Justin Ko, Republic of Korea

- **08:17** Continuous Catheter Techniques & Management
  
  Juan Carlos de la Cuadra-Fontaine, Chile

- **08:32** Essentials of a Multimodal Analgesia Regimen
  
  Shinichi Sakura, Japan

- **08:47** Questions and Answers

Session Date/Time: Monday, March 4, 2024 - 09:00 - 10:00

**Regional Anaesthesia: Global Regional Anaesthesia Initiatives**

Describe global initiatives to advance regional anaesthesia teaching and clinical programme development around the world.

- **09:00** Chair: Session Introduction
  
  Milena Moreno, Colombia

- **09:02** How to Set Up a Regional Anaesthesia Program
  
  Eleni Moka, Greece

- **09:17** The WFSA Regional Anaesthesia Training Program
  
  Balavenkatasubramanian Jagannathan, India

- **09:32** Technologies to Promote Distance Regional Anaesthesia Training
  
  Edward Mariano, United States

- **09:47** Questions and Answers

Session Date/Time: Monday, March 4, 2024 - 11:10 - 12:40

**Regional Anaesthesia Workshop: Blocks for Abdominal Surgery 1**

Workshop Fee: 90 USD

At the end of this workshop, participants will be able to:

1. Describe the sonoanatomy in the anterior and posterior abdominal walls that is relevant for abdominal wall blocks.
2. Scan with ultrasound to identify rectus abdominis muscle, transversus abdominis plane, quadratus lumborum,
transversalis fascia plane and the plane containing the ilio-inguinal and ilio-hypogastric nerves.

3. Describe indications and techniques to perform abdominal wall blocks.

**Blocks for Abdominal Surgery**
Justin Ko, Republic of Korea

**Blocks for Abdominal Surgery**
Clara Lobo, United Arab Emirates

**Blocks for Abdominal Surgery**
Ana Garduno, Mexico

**Session Date/Time:** Monday, March 4, 2024  -  11:10 - 12:40
**MR 323 (Level 3)**

Regional Anaesthesia Workshop: Plan A Truncal & Paraspinal Blocks that Every Anaesthesiologist Should Learn

Workshop Fee: 90 USD

At the end of this workshop, participants will be able to:
1. Describe sonoanatomy in the chest abdominal walls that is relevant for chest and abdominal wall blocks.
2. Scan with ultrasound to identify rectus abdominis muscle, transversus abdominis plane, serratus anterior plane, and the erector spinae plane.
3. Describe indications and techniques to perform basic chest and abdominal wall and paraspinal fascial plane blocks.

**Plan A Truncal & Paraspinal Blocks that Every Anaesthesiologist Should Learn**
Abderrazak Sahraoui, Qatar

**Plan A Truncal & Paraspinal Blocks that Every Anaesthesiologist Should Learn**
Viet Vu, Viet Nam

**Session Date/Time:** Monday, March 4, 2024  -  11:40 - 12:40
**Summit 2 (Level 3)**

Regional Anaesthesia: Innovations in Regional Anaesthesia & Acute Pain Management

Describe recent advances in regional anaesthesia and analgesia modalities and techniques for surgical and postoperative applications.

11:40 **Chair: Session Introduction**
Eleni Moka, Greece

11:42 **Ultrasound Guided Peripheral Nerve Stimulation & Cryoneurolysis for Acute Pain**
John Finneran IV, United States

11:57 **Regional Analgesia for Spine Surgery**
Ellen Soffin, United States
**Ultrasound-Guided WALANT (Wide-awake Local Anaesthesia No Tourniquet)**
*Francois Retief, South Africa*

**12:27 Questions and Answers**

**Session Date/Time:** Monday, March 4, 2024  -  14:00 - 15:30

**MR 323 (Level 3)**

**Regional Anaesthesia Workshop: Ophthalmic Regional Anaesthesia**

**Workshop Fee:** 90 USD

Workshop is suitable for practicing clinicians as well as novices (prior experience in ophthalmic block is not necessary).

1. How to prepare and assess patients before eye block.
2. Understand and apply knowledge of anatomy in performing eye blocks.
3. Review the principles of anaesthesia including extraconal (peribulbar), intracanal (retrobulbar) and sub-Tenon's blocks.
4. Recognise pre-operative risk factors and complications of blocks and appropriate management.
5. Gain hands on experience in using needle and sub-Tenon’s blocks on animal eyes (subject to availability).

**Ophthalmic Regional Anaesthesia**
*Chandra Kumar, United Kingdom*

**Ophthalmic Regional Anaesthesia**
*Phil Guise, New Zealand*

**Ophthalmic Regional Anaesthesia**
*Steven Gayer, United States*

**Session Date/Time:** Monday, March 4, 2024  -  14:00 - 15:30

**MR 322 (Level 3)**

**Regional Anaesthesia Workshop: Plan A Upper & Lower Limb Blocks that Every Anaesthesiologist Should Learn**

**Workshop Fee:** 90 USD

At the end of this workshop, participants will be able to:

1. Describe sonoanatomy of the brachial plexus, lumbar plexus and sciatic nerve and their branches that is relevant for upper and lower limb blocks.
2. Scan with ultrasound to identify the brachial plexus, femoral region, adductor canal, popliteal sciatic nerve, and nerves around the ankle.
3. Describe indications and techniques to perform basic brachial plexus, femoral-fascia iliaca, adductor canal, popliteal sciatic nerve and ankle blocks.

**Plan A Upper & Lower Limb Blocks that Every Anaesthesiologist Should Learn**
*Barbara Breebaart, Belgium*

**Plan A Upper & Lower Limb Blocks that Every Anaesthesiologist Should Learn**
*Eleni Moka, Greece*
**Regional Anaesthesia: Pro - Con Debates - Regional Anaesthesia Controversies**

Debate current evidence for and against the use of regional anaesthesia for fractured hip surgery and for prevention of postoperative cognitive dysfunction.

14:00  
**Chair: Session Introduction**  
*Edward Mariano, United States*

14:02  
**RA is Preferred for Fractured Hip Surgery (Pro)**  
*Michael Barrington, United States*

14:12  
**RA is Preferred for Fractured Hip Surgery (Con)**  
*Rosie Hogg, United Kingdom*

14:22  
**Regional Anaesthesia Prevents Postoperative Cognitive Dysfunction (Pro)**  
*Steven Clendenen, United States*

14:32  
**Regional Anaesthesia Prevents Postoperative Cognitive Dysfunction (Con)**  
*Nadia Hernandez, United States*

14:42  
**Questions and Answers**

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**Regional Anaesthesia: Best Regional Anaesthesia Regimens for Knee Surgery**

Review current evidence for best regional anaesthesia techniques for major knee surgery and the associated long term outcomes.

15:00  
**Chair: Session Introduction**  
*Francois Retief, South Africa*

15:02  
**Anterior Cruciate Ligament Repair**  
*Li Xu, China*

15:17  
**Total Knee Replacement Surgery**  
*Rebecca (Becky) Johnson, United States*

15:32  
**Does Regional Anaesthesia / Analgesia Improve Long Term Pain & Functional Outcomes?**  
*Dan Dirzu, Romania*

15:47  
**Questions and Answers**

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**Regional Anaesthesia E-Poster Presentations: Challenging Cases - Blocks for the Trunk**

All E-Posters will be showcased through a live 6-minute in-person presentation.
PROGRAMME

Poster Moderator
Shinichi Sakura, Japan

Poster Moderator
Milena Moreno, Colombia

Session Date/Time: Monday, March 4, 2024  -  16:30 - 17:30
Exhibition Hall
Regional Anaesthesia E-Poster Presentations: Challenging Cases - Lower Limb Blocks
All E-Posters will be showcased through a live 6-minute in-person presentation.

Poster Moderator
Steven Clendenen, United States

Poster Moderator
Wan Yi Wong, Singapore

Session Date/Time: Monday, March 4, 2024  -  16:30 - 17:30
Exhibition Hall
Regional Anaesthesia E-Poster Presentations: Challenging Cases - Spinal Anaesthesia
All E-Posters will be showcased through a live 6-minute in-person presentation.

Poster Moderator
Chandra Kumar, United Kingdom

Poster Moderator
Penafrancia Cano, Philippines

Session Date/Time: Monday, March 4, 2024  -  16:30 - 17:30
Exhibition Hall
Regional Anaesthesia E-Poster Presentations: Challenging Cases - Upper Limb Blocks & RA Complications
All E-Posters will be showcased through a live 6-minute in-person presentation.

Poster Moderator
Juan Carlos de la Cuadra-Fontaine, Chile

Poster Moderator
Francois Retief, South Africa
Session Date/Time: Monday, March 4, 2024  -  16:30 - 17:30
Exhibition Hall

Regional Anaesthesia E-Poster Presentations: Erector Spinae Block & Superior Laryngeal Nerve Block

All E-Posters will be showcased through a live 6-minute in-person presentation.

Poster Moderator
Michael Barrington, United States
Poster Moderator
Mauricio Forero, Canada

Session Date/Time: Monday, March 4, 2024  -  16:30 - 17:30
Exhibition Hall

Regional Anaesthesia E-Poster Presentations: Lower Limb Block Studies

All E-Posters will be showcased through a live 6-minute in-person presentation.

Poster Moderator
Rebecca (Becky) Johnson, United States
Poster Moderator
Balavenkatasubramanian Jagannathan, India

Session Date/Time: Monday, March 4, 2024  -  16:30 - 17:30
Exhibition Hall

Regional Anaesthesia E-Poster Presentations: Neuraxial Anaesthesia Studies

All E-Posters will be showcased through a live 6-minute in-person presentation.

Poster Moderator
Ellen Soffin, United States
Poster Moderator
Edward Mariano, United States
Regional Anaesthesia E-Poster Presentations: Pharmacology Studies - Local Anaesthetic Adjuncts/Sedation

All E-Posters will be showcased through a live 6-minute in-person presentation.

**Poster Moderator**
*Vincent Chan, Canada*

**Poster Moderator**
*Suwimon Tangwiwat, Thailand*

**Session Date/Time:** Monday, March 4, 2024 - 16:30 - 17:30

**Exhibition Hall**

Regional Anaesthesia E-Poster Presentations: Truncal Block Studies - Chest/Abdomen/Spine

All E-Posters will be showcased through a live 6-minute in-person presentation.

**Poster Moderator**
*Justin Ko, Republic of Korea*

**Poster Moderator**
*Clara Lobo, United Arab Emirates*

**Session Date/Time:** Monday, March 4, 2024 - 16:30 - 17:30

**Exhibition Hall**

Regional Anaesthesia E-Poster Presentations: Upper Limb Block Studies

All E-Posters will be showcased through a live 6-minute in-person presentation.

**Poster Moderator**
*John Finneran IV, United States*

**Poster Moderator**
*Diogo da Conceicao, Canada*

**Session Date/Time:** Monday, March 4, 2024 - 16:30 - 17:30

**MR 335 (Level 3)**

Regional Anaesthesia PBLD: Professional Golfer for Left Shoulder Rotator Cuff Repair under GA, with Interscalene Block for Postoperative Analgesia

PBLD Fee: 20 USD

A healthy professional golfer plans to have a left shoulder rotator cuff repair surgery under general anaesthesia. You wish to offer an interscalene block for postoperative pain relief.
Questions: What do you tell the patient about risks and benefits and how do you consent the patient? How would you address potential neurologic injury from the block?

The block was performed using 20 mL 0.5% bupivacaine + epinephrine 1/200,000 + dexamethasone 2 mg; now 24 hours postop and the operative arm and hand remain paralyzed.

Question: What are your differential diagnosis? How to manage this patient?

Professional Golfer for Left Shoulder Rotator Cuff Repair under GA, with Interscalene Block for Postoperative Analgesia
Kris Vermeylen, Belgium

Session Date/Time: Monday, March 4, 2024 - 16:30 - 17:30
MR 336 (Level 3)
Regional Anaesthesia PBLD: Very Anxious Man with COPD Gold Stage 2, Home Oxygen, CREST Syndrome and Lumbar Laminectomy for Amputation Lower Leg
PBLD Fee: 20 USD

A 76 years old man presents for amputation of his lower leg because of chronic osteomyelitis. His medical history is significant for severe respiratory disease (COPD GOLD stage 2), home oxygen use at night & CREST syndrome. He also had lumbar laminectomy in the past. The patient is extremely anxious for the procedure.

1. Would you discuss preoperatively with the patient about his anxiety?
2. What is important for the team to know about anxious patients?
3. Would you let the patient anxiety influence your choice of anaesthetic technique?
4. If you choose a regional technique, what are the options? Which one would you choose?
5. If you choose regional anaesthesia, would you be happy to sedate this patient?
6. Other than sedation, what other non pharmacological options can you offer this patient for anti-anxiety?
7. What is the rational approach to choose these options?

Very Anxious Man with COPD Gold Stage 2, Home Oxygen, CREST Syndrome and Lumbar Laminectomy for Amputation Lower Leg
Barbara Breebaart, Belgium
Programme

Tuesday, March 05, 2024

Session Date/Time: Tuesday, March 5, 2024 - 08:15 - 09:45
MR 323 (Level 3)

Regional Anaesthesia Workshop: Plan A Upper & Lower Limb Blocks that Every Anaesthesiologist Should Learn

Workshop Fee: 90 USD

At the end of this workshop, participants will be able to:
1. Describe sonoanatomy of the brachial plexus, lumbar plexus and sciatic nerve and their branches that is relevant for upper and lower limb blocks.
2. Scan with ultrasound to identify the brachial plexus, femoral region, adductor canal, popliteal sciatic nerve, and nerves around the ankle.
3. Describe indications and techniques to perform basic brachial plexus, femoral-fascia iliaca, adductor canal, popliteal sciatic nerve and ankle blocks.

Plan A Upper & Lower Limb Blocks that Every Anaesthesiologist Should Learn
Diogo da Conceicao, Canada
Plan A Upper & Lower Limb Blocks that Every Anaesthesiologist Should Learn
Li Xu, China
Plan A Upper & Lower Limb Blocks that Every Anaesthesiologist Should Learn
Wan Yi Wong, Singapore

Session Date/Time: Tuesday, March 5, 2024 - 08:15 - 09:45
MR 323 (Level 3)

Regional Anaesthesia Workshop: Ultrasound Guided Neuraxial Blocks for Challenging Anatomy

Workshop Fee: 90 USD

At the end of this workshop, participants will be able to:
1. Describe ultrasonographic characteristics of the lumbar spine in subjects with high BMI, scoliosis and spinal fusion.
2. Scan with ultrasound to identify the neuraxial space in these challenging subjects.
3. Describe techniques of ultrasound guided neuraxial needle insertion in these challenging conditions.

Ultrasound Guided Neuraxial Blocks for Challenging Anatomy
Kwesi Kwofie, Canada
Ultrasound Guided Neuraxial Blocks for Challenging Anatomy
Ana Schwartzmann, Uruguay
Ultrasound Guided Neuraxial Blocks for Challenging Anatomy
Sivashanmugam T., India

Session Date/Time: Tuesday, March 5, 2024 - 08:30 - 09:30
405B (Level 4)
Regional Anaesthesia: Erector Spinae Plane (ESP) Block

Review clinical indications, optimal techniques and anticipated analgesic outcomes of erector spinae plane block.

08:30 Chair: Session Introduction
Penafrancia Cano, Philippines

08:32 When Is an ESP Block Clinically Indicated? An Evidence Based Review
Justin Ko, Republic of Korea

08:47 What Degree of Pain Relief Does an ESP Block Add to a Balanced Multimodal Analgesic Regimen?
Juan Carlos de la Cuadra-Fontaine, Chile

09:02 Optimal ESP Block Technique - How to Avoid Failure
Mauricio Forero, Canada

09:17 Questions and Answers

Session Date/Time: Tuesday, March 5, 2024  -  13:00 - 14:30
MR 322 (Level 3)
Regional Anaesthesia Workshop: Blocks for Knee Surgery
Workshop Fee: 90 USD

At the end of this workshop, participants will be able to:
1. Describe sonoanatomy of the femoral nerve, adductor canal, and the interspace between the popliteal artery and posterior knee capsule.
2. Scan with ultrasound to identify the above anatomical structures.
3. Describe indications and techniques to perform femoral-fascia iliaca, adductor canal, iPACK and genicular nerve blocks.

Blocks for Knee Surgery
Suwimon Tangwiwat, Thailand

Blocks for Knee Surgery
Francois Retief, South Africa

Blocks for Knee Surgery
Dan Dirzu, Romania

Session Date/Time: Tuesday, March 5, 2024  -  13:00 - 14:30
MR 323 (Level 3)
Regional Anaesthesia Workshop: Blocks for Spine Surgery (Paraspinal Blocks)
Workshop Fee: 90 USD

At the end of this workshop, participants will be able to:
1. Describe sonoanatomy of the thoracolumbar interfascial plane, thoracic and lumbar erector spinae plane and retrolaminar space.
2. Scan with ultrasound to identify the above anatomical structures.
3. Describe indications and techniques to perform the thoraco-lumbar interfascial plane, thoracic ESP, lumbar ESP and retrolaminar plane blocks.
Blocks for Spine Surgery (Paraspinal Blocks)
Joana Magalhaes, Portugal

Blocks for Spine Surgery (Paraspinal Blocks)
Ellen Soffin, United States

Blocks for Spine Surgery (Paraspinal Blocks)
Penafrencia Cano, Philippines

Session Date/Time: Tuesday, March 5, 2024 - 13:00 - 14:00
405B (Level 4)
Regional Anaesthesia: Regional Analgesic Techniques for Fast Track Surgery
Review and describe essential set up and components of a successful enhanced recovery program for joint replacement, colo-rectal surgery and thoracic surgery.

13:00 Chair: Session Introduction
Rosie Hogg, United Kingdom

13:02 How to Set Up an Enhanced Recovery After Surgery Program
Kwesi Kwofie, Canada

13:17 Hip & Knee Replacement Surgery
Rebecca (Becky) Johnson, United States

13:27 Colo-Rectal Surgery
Nadia Hernandez, United States

13:37 Thoracic Surgery
Viet Vu, Viet Nam

13:47 Questions and Answers

Session Date/Time: Tuesday, March 5, 2024 - 14:00 - 15:00
405B (Level 4)
Regional Anaesthesia: Quadratus Lumborum Block (QLB) For Abdominal Surgery
Review clinical indications, optimal techniques and anticipated analgesic outcomes of quadratus lumborum block for laparoscopic and open abdominal surgery.

14:00 Chair: Session Introduction
Shinichi Sakura, Japan

14:02 Clinical Indications of QLB - Laparoscopic Surgery, Laparotomy or Both?
Rafa Blanco, United Arab Emirates
14:17  Quantifying the Value of QLB in the Presence of Multimodal Analgesia - Is It Clinically Important or Statistically Significant?
Michael Barrington, United States

14:32  Comparing 3 Techniques of QLB - Are They Created Equal?
fatma sarcaoğlu, Turkey

14:47  Questions and Answers

Session Date/Time: Tuesday, March 5, 2024 - 15:30 - 17:00
MR 323 (Level 3)
Regional Anaesthesia Workshop: Blocks for Abdominal Surgery 2

Workshop Fee: 90 USD

At the end of this workshop, participants will be able to:
1. Describe the sonoanatomy in the anterior and posterior abdominal walls that is relevant for abdominal wall blocks.
2. Scan with ultrasound to identify rectus abdominis muscle, transversus abdominis plane, quadratus lumborum, transversalis fascia plane and the plane containing the ilio-inguinal and ilio-hypogastric nerves.
3. Describe indications and techniques to perform abdominal wall blocks.

Blocks for Abdominal Surgery
Nadia Hernandez, United States
Blocks for Abdominal Surgery
Ana Schwartzmann, Uruguay

Session Date/Time: Tuesday, March 5, 2024 - 15:30 - 17:00
MR 322 (Level 3)
Regional Anaesthesia Workshop: Blocks for Elbow / Wrist / Hand Surgery

Workshop Fee: 90 USD

At the end of this workshop, participants will be able to:
1. Describe sonoanatomy of the brachial plexus in the supraclavicular, infraclavicular, axillary and forearm.
2. Scan with ultrasound to identify the brachial plexus and its branches in the above locations.
3. Describe indications and techniques to perform supraclavicular, infraclavicular, axillary brachial plexus blocks and forearm rescue blocks.

Blocks for Elbow/Wrist/Hand Surgery
John Finneran IV, United States
Blocks for Elbow/Wrist/Hand Surgery
Viet Vu, Viet Nam
Blocks for Elbow/Wrist/Hand Surgery
Li Xu, China
Blocks for Elbow/Wrist/Hand Surgery
Yean Chin Lim, Singapore
Session Date/Time: Tuesday, March 5, 2024  -  15:30 - 16:30

406 (Level 4)

Regional Anaesthesia: Regional Anaesthesia for Abdominal Surgery

Review clinical indications, optimal techniques and anticipated analgesic outcomes of a variety of abdominal trunk blocks.

15:30  
Chair: Session Introduction
Mauricio Forero, Canada

15:32  
Rectus Sheath Block
Clara Lobo, United Arab Emirates

15:47  
TAP & Quadratus Lumbarum Blocks
Milena Moreno, Colombia

16:02  
Erector Spinae Plane Block
Wan Yi Wong, Singapore

16:17  
Concluding Remarks - Expert Recommendations & Decision Making
Mauricio Forero, Canada

16:22  
Questions and Answers

Session Date/Time: Tuesday, March 5, 2024  -  16:30 - 17:30

406 (Level 4)

Regional Anaesthesia: Regional Analgesia for Thoracic Surgery / Trauma - When & How

Review clinical indications, optimal techniques and anticipated analgesic outcomes of thoracic neuraxial and para-spinal blocks.

16:30  
Chair: Session Introduction
Maria Fernanda Rojas Gomez, Colombia

16:32  
Thoracic Epidural Analgesia
Eleni Moka, Greece

16:47  
Paravertebral Block
Dan Dirzu, Romania

17:02  
Erector Spinae Plane Block
Penafrancia Cano, Philippines

17:17  
Concluding Remarks - Expert Recommendations & Decision Making
Maria Fernanda Rojas Gomez, Colombia

17:22  
Questions and Answers
Regional Anaesthesia Workshop: Non-Ultrasound Guided Lower Limb Blocks

Workshop Fee: 90 USD

At the end of this workshop, participants will be able to:
1. Describe surface anatomical landmarks for lower limb blocks.
2. Describe the nerve stimulation endpoint for lower limb blocks.
3. Describe indications and techniques to perform femoral, saphenous, popliteal sciatic nerve and ankle blocks without ultrasound.

Non-Ultrasound Guided Lower Limb Blocks
Balavenkatasubramanian Jagannathan, India

Non-Ultrasound Guided Lower Limb Blocks
sandeep diwan, India

Regional Anaesthesia Workshop: Plan A Basic Paediatric Blocks

Workshop Fee: 90 USD

At the end of this workshop, participants will be able to:
1. Describe sonoanatomy relevant to upper and lower limb blocks, lumbar neuraxial block and trunk & abdominal wall blocks in children.
2. Scan with ultrasound to identify the brachial plexus, femoral and sciatic nerves, lumbar spine and neuraxial space and fascial planes for truncal and abdominal wall blocks in children.
3. Describe indications and techniques to perform brachial plexus blocks, femoral and sciatic nerve blocks, ultrasound assisted lumbar neuraxial block and truncal and abdominal wall blocks in children.

Upper Limb Blocks
Peter Marhofer, Austria

Lower Limb Blocks
Ban Tsui, United States

Spine Imaging & Neuraxial Block
Manoj Karmakar, Hong Kong

Trunk & Abdominal Wall Blocks
Vrushali Ponde, India
PROGRAMME

Nicoll 1 (Level 3)

Regional Anaesthesia: Neuraxial Anaesthesia
Describe practical tips for adjusting the duration and anaesthetic effect of spinal anaesthesia and the technique of ultrasound guided neuraxial blockade.

08:30 Chair: Session Introduction
Chandra Kumar, United Kingdom

08:32 Day Surgery Short Lasting Spinal Anaesthesia
Barbara Breebaart, Belgium

08:47 Practical Tips for Unilateral Spinal
Yean Chin Lim, Singapore

09:02 Ultrasound Guided Neuraxial Procedure - When & How
Yasuyuki Shibata, Japan

09:17 Questions and Answers

Session Date/Time: Wednesday, March 6, 2024 - 09:30 - 10:30

Nicoll 1 (Level 3)

Regional Anaesthesia: Regional Anaesthesia Safety
Describe practical strategies to prevent, investigate and manage neurologic and non neurologic complications associated with regional anaesthesia.

09:30 Chair: Session Introduction
Vincent Chan, Canada

09:32 A Closed Claim Review
Danielle Ludwin, United States

09:47 Strategies to Avoid Neurologic Injury
Joana Magalhaes, Portugal

10:02 How to Deal With Post Block Neurologic Deficit
Francois Retief, South Africa

10:17 Questions and Answers

Session Date/Time: Wednesday, March 6, 2024 - 10:45 - 12:15

MR 322 (Level 3)

Regional Anaesthesia Workshop: Plan A Truncal & Paraspinal Blocks that Every Anaesthesiologist Should Learn
2

Workshop Fee: 90 USD

At the end of this workshop, participants will be able to:
1. Describe sonoanatomy relevant to thoracic and abdominal truncal and paraspinal blocks.
2. Scan with ultrasound to identify the transversus abdominis plane, rectus abdominis muscle and sheath, pectoral muscle plane, serratus anterior muscle plane and erector spinae muscle planes in the thoracic regions.
3. Describe indications and techniques to perform TAP, rectus sheath, pectoral nerve, serratus plane, and thoracic erector
spinae plane blocks.

Plan A Truncal & Paraspinal Blocks that Every Anaesthesiologist Should Learn
Kwesi Kwofie, Canada

Plan A Truncal & Paraspinal Blocks that Every Anaesthesiologist Should Learn
Ana Garduno, Mexico

Session Date/Time: Wednesday, March 6, 2024 - 10:45 - 12:15
MR 323 (Level 3)
Regional Anaesthesia Workshop: Ultrasound for Thoracic / Lumbar Neuraxial Blocks
Workshop Fee: 90 USD
At the end of this workshop, participants will be able to:
1. Describe ultrasonographic characteristics of the thoracic and lumbar spine and neuraxial space.
2. Scan with ultrasound to identify the thoracic and lumbar spine, laminae, facets, transverse processes and neuraxial space.
3. Describe indications and techniques to perform ultrasound assisted thoracic and lumbar neuraxial blockade.

Ultrasound for Thoracic / Lumbar Neuraxial Blocks
Steven Clendenen, United States

Ultrasound for Thoracic / Lumbar Neuraxial Blocks
Ana Schwartzmann, Uruguay

Ultrasound for Thoracic / Lumbar Neuraxial Blocks
Sivashanmugam T., India

Session Date/Time: Wednesday, March 6, 2024 - 11:15 - 12:15
Nicoll 2 (Level 3)
Regional Anaesthesia: Regional Anaesthesia / Analgesia for Hip Surgery
Review current evidence for best regional anaesthesia and analgesic techniques for major hip surgery and their associated post block outcomes.

11:15 Chair: Session Introduction
Phil Guise, New Zealand

11:17 Total Hip Replacement
Rosie Hogg, United Kingdom

11:32 Arthroscopic Hip Surgery
Kris Vermeylen, Belgium

11:47 Hip Fracture Surgery - PENG / Fascia Iliaca / Femoral Nerve Blocks
Maria Fernanda Rojas Gomez, Colombia
**Regional Anaesthesia Workshop: Blocks for Foot / Ankle Surgery**

Workshop Fee: 90 USD

At the end of this workshop, participants will be able to:
1. Describe sonoanatomy of the popliteal sciatic nerve, nerves around the ankle and saphenous nerve.
2. Scan with ultrasound to identify the above nerve structures plexus and its branches in the above locations.
3. Describe indications and techniques to perform popliteal sciatic nerve, saphenous nerve and ankle blocks.

**Blocks for Foot/Ankle Surgery**

*Danielle Ludwin, United States*

*Joana Magalhaes, Portugal*

*Abderrazak Sahraoui, Qatar*

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**Regional Anaesthesia Workshop: Non-Ultrasound Guided Upper Limb Blocks**

Workshop Fee: 90 USD

At the end of this workshop, participants will be able to:
1. Describe surface anatomical landmarks for upper limb blocks.
2. Describe the nerve stimulation endpoint for brachial plexus blocks.
3. Describe indications and techniques to perform interscalene, supraclavicular, infraclavicular and axillary brachial plexus blocks without ultrasound.

**Non-Ultrasound Guided Upper Limb Blocks**

*Balavenkatasubramanian Jagannathan, India*

*sandeep diwan, India*

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**Regional Anaesthesia: Updates on Paediatric Regional Anaesthesia**

Describe recent advances in regional anaesthesia and analgesic techniques for abdominal surgery and corrective hip surgery in children.
13:45   Chair: Session Introduction  
Fatma Sarıcaoğlu, Turkey

13:47   Regional Analgesia for Abdominal Surgery - Epidural, QL or Anterior Abdominal Wall Blocks?  
Ban Tsui, United States

14:02   Regional Anaesthesia for Congenital Hip Corrective Surgery - What Is the Best Choice?  
Peter Marhofer, Austria

14:17   Update on Caudal Anaesthesia  
Vrushali Ponde, India

14:32   Questions and Answers

Session Date/Time: Wednesday, March 6, 2024 - 14:45 - 15:45
Nicoll 2 (Level 3)
Regional Anaesthesia: Video Presentations of Challenging Regional Anaesthesia Cases - Lessons Learnt
Describe lessons learnt from challenging regional anaesthesia cases through short video presentations.

14:45   Chair: Session Introduction  
Suwimon Tangwiwat, Thailand

14:47   Upper Limb Block  
Maria Fernanda Rojas Gomez, Colombia

14:55   Lower Limb Block  
Steven Clendenen, United States

15:03   Thoracic Block  
Manoj Karmakar, Hong Kong

15:11   Abdominal Block  
Rafa Blanco, United Arab Emirates

15:19   Neuraxial Block  
Yasuyuki Shibata, Japan

15:27   Questions and Answers

Session Date/Time: Wednesday, March 6, 2024 - 16:00 - 17:30
MR 323 (Level 3)
Regional Anaesthesia Workshop: Blocks for Hip Surgery
Workshop Fee: 90 USD

At the end of this workshop, participants will be able to:
1. Describe sonoanatomy of the femoral nerve, fascia iliaca, lateral femoral cutaneous nerve and the plane relevant to pericapsular nerve group (PENG) block of the hip.
2. Scan with ultrasound to identify the femoral nerve, fascia iliaca, lateral femoral cutaneous nerve and the bony/muscular landmarks & fascial plane relevant to PENG block.
3. Describe indications and techniques to perform femoral nerve, fascia iliaca, lateral femoral cutaneous nerve and PENG blocks.
**Blocks for Hip Surgery**  
*Kris Vermeylen, Belgium*

**Blocks for Hip Surgery**  
*Barbara Breebaart, Belgium*

**Session Date/Time: Wednesday, March 6, 2024 - 16:00 - 17:30**  
MR 322 (Level 3)

**Regional Anaesthesia Workshop: Paediatric Blocks - RA for Thoracic Surgery in Children**

Workshop Fee: 90 USD

At the end of this workshop, participants will be able to:
1. Describe sonoanatomy that is relevant to chest wall blocks and thoracic para-spinal blocks in children.
2. Scan with ultrasound to identify relevant fascial planes and para-spinal spaces in the thoracic region in children.
3. Describe indications and techniques to perform chest wall blocks, and thoracic erector spinae plane and paravertebral blocks in children.

**Paediatric Blocks - RA for Thoracic Surgery in Children**  
*Manoj Karmakar, Hong Kong*

**Paediatric Blocks - RA for Thoracic Surgery in Children**  
*fatma sarıcaoğlu, Turkey*

**Paediatric Blocks - RA for Thoracic Surgery in Children**  
*Vrushali Ponde, India*

**Session Date/Time: Wednesday, March 6, 2024 - 16:15 - 17:15**  
Nicoll 2 (Level 3)

**Regional Anaesthesia: Regional Anaesthesia for Shoulder / Clavicle / Scapular Surgery**

Describe best regional anaesthesia and analgesic techniques for major shoulder and clavicle surgery and strategies to prolong analgesic duration.

16:15  
**Chair: Session Introduction**  
*Danielle Ludwin, United States*

16:17  
**Phrenic Nerve Sparing Block Techniques - When & How**  
*sandeep diwan, India*

16:32  
**New Blocks for Clavicle & Scapular Pain**  
*Kwesi Kwofie, Canada*

16:47  
**Prolonging Postoperative Analgesia - IV / Local Anaesthetic Adjuncts & Continuous Catheter Technique**  
*Suwimon Tangwiwat, Thailand*
17:02  Questions and Answers
Session Date/Time: Thursday, March 7, 2024  -  08:30 - 09:30
Nicoll 2 (Level 3)
Regional Anaesthesia: Regional Anaesthesia in Developing Countries
Describe practical strategies and approaches to set up a successful regional anaesthesia and acute pain service in developing countries.

08:30  Chair: Session Introduction  
Balavenkatasubramanian Jagannathan, India

08:32  Overcoming Barriers to Regional Anaesthesia in Developing Countries  
Milena Moreno, Colombia

08:47  Cost-Effectiveness of Regional Anaesthesia in Developing Countries  
Diogo da Conceicao, Canada

09:02  How to Set Up an Acute Pain Service  
Ana Garduno, Mexico

09:17  Questions and Answers

Session Date/Time: Thursday, March 7, 2024  -  09:30 - 10:30
Nicoll 2 (Level 3)
Regional Anaesthesia: Best Regional Anaesthetic Techniques & Options for Breast Surgery
Describe best regional anaesthesia and analgesic techniques for major breast surgery.

09:30  Chair: Session Introduction  
Rafa Blanco, United Arab Emirates

09:32  Lumpectomy  
Sivashanmugam T., India

09:47  Simple Mastectomy  
Ana Schwartzmann, Uruguay

10:02  Breast Surgery with Axillary Dissection  
Abderrazak Sahraoui, Qatar

10:17  Concluding Remarks - Expert Recommendations  
Rafa Blanco, United Arab Emirates

10:22  Questions and Answers