

Stream A

- Concurrent Session 5A: MSK & RHEUMATOLOGY 08:30 - 10:30

Shoulder US – Anatomy, technique and scanning pitfalls

MRI vs US for shoulder imaging *Dr Sebastian Fung*

Ultrasound dissection of the rotator cuff

Shoulder: biceps and supporting structures

Imaging the Post Operative Cuff

Q&A
- Morning Tea 10:30 - 11:00
- Concurrent Session 6A: MSK & RHEUMATOLOGY 11:00 - 13:00

Understanding fascial anatomy, its clinical significance, pathology and ultrasound assessment

Comparative assessment of ultrasound and MRI in acute injury of the thigh *Martine Chadwick*

MR-US Fusion Techniques for MSK Interventions *Dr Ron Adler*

Wrist lumps and bumps *Dr Craig Harris*

Forefoot ultrasound

Q&A
- Lunch 13:00 - 14:00
- Concurrent Session 7A: MSK & RHEUMATOLOGY 14:00 - 15:30

Ankle ligaments

Ankle tendons

Ultrasound of the midfoot ligaments, syndesmosis and bands of the deltoid *Bridie Wylie*

Ankle instability

Advancing the use of ultrasound finding in identifying patients with clinical signs of adhesive capsulitis (frozen shoulder) *Sumi Shrestha Taylor*
- Afternoon Tea 15:30 - 16:00
- Concurrent Session 8A: MSK & RHEUMATOLOGY

Nerves and neuropathies of the upper limb *Dr Thomas Moritz*

Radial wrist pain *Dr Chris Harris* 16:00 - 17:30

Acute finger injuries up close *Martine Chadwick*

Diagnostic value of high resolution B-mode and Doppler Sonography for imaging of hand and finger joints in RA *A/Prof Claudia Weidekamm*

The spectrum of sonographic findings with radiographic correlation in patients with shoulder pain at kenyatta national hospital *Dr Callen K Onyambu*

Comparison of imaging findings between calcific tendinitis with subacromial-subdeltoid bursitis and adhesive capsulitis *Gi-Young Park*

■ Gala Dinner 19:00 - 23:59
Plaza Ballroom

Stream B

■ Concurrent Session 5B: PoCUS- Heart 08:30 - 10:30

Right heart in critical illness

LV function

Tamponade

Volume assessment

Watch the expert scan

■ Morning Tea 10:30 - 11:00

■ Concurrent Session 6B: PoCUS- Heart 11:00 - 13:00

Valves in ED

Cardiac masses/vegetations

TOE in ED

Cardiac arrest echo *Dr Adrian Goudie*

Quiz on heart

■ Lunch 13:00 - 14:00

■ Concurrent Session 7B: PoCUS – Anaesthetics

Nerve blocks

Demonstration

Time to establish pillars in Point of Care Ultrasound <i>Carolynne Cormack</i>	14:00 - 15:30
■ Afternoon Tea	15:30 - 16:00
■ Concurrent Session 8B: PoCUS- Anaesthetis	16:00 - 17:30
Airway ultrasound <i>A/Prof Wan-Ching Lien</i>	
Interesting cases	
Panel discussion	
■ Gala Dinner	19:00 - 23:59
<i>Plaza Ballroom</i>	

Stream C

■ Concurrent Session 5C: VASCULAR - Carotid and Neuro Imaging	08:30 - 10:30
Functional ultrasound imaging of the brain <i>Prof Nico de Jong</i>	
Carotid Ultrasound - how to interpret any waveform <i>Prof Michelle Robbin</i>	
PFO detection using TCD	
Con or common sense? A review of asymptomatic carotid artery screening <i>Matt Adams</i>	
TCD haemodynamics following resection of brain arteriovenous malformations	
A Novel Technique of using Superb Microvascular Imaging to determine intima media thickness <i>Fatima M Hansan</i>	
■ Morning Tea	10:30 - 11:00
■ Concurrent Session 6C: VASCULAR- Peripheral Arterial	

Blood flow measurement in cervical and intracranial arteries using quantitative magnetic resonance angiography and duplex sonography *Prof David Skoloudik* 11:00 - 13:00

Transcranial Doppler cerebral embolus detection during carotid and cardiac surgery: Successes and challenges *Prof David Evans*

Using IVUS to improve treatment of complex lesions in the femoropopliteal arteries *Richard Allan*

How to optimise grey scale, colour and spectral Doppler for the highest diagnostic confidence *Prof Michelle Robbin*

Using ultrasound to assist the treatment of femoropopliteal CTO *Richard Allan*

■ Lunch 13:00 - 14:00

■ Concurrent Session 7C: VASCULAR- Venous Imaging 14:00 - 15:30

Nutcracker syndrome: Diagnosis with Doppler ultrasound

CVI ultrasound examination: Is it necessary to stand the patient?

Venous master class made simple

■ Afternoon Tea 15:30 - 16:00

■ Concurrent Session 8C: VASCULAR Ultrasound Guided Vascular Procedures 16:00 - 17:30

Sonothrombolysis

■ Gala Dinner 19:00 - 23:59

Plaza Ballroom

Stream D

■ Concurrent Session 5D: BREAST 08:30 - 10:30

Breast ultrasound for the non-expert: Pearls and pitfalls

■ Morning Tea 10:30 - 11:00

■ Concurrent Session 6D: BREAST

Ethnicity and characteristics of triple negative breast cancer

Breast imaging in difficult women *Dr Merran McKessar*

Application of intraoperative breast ultrasound including excisional biopsy	11:00 - 13:00
■ Lunch	13:00 - 14:00
■ Concurrent Session 7D: BREAST	14:00 - 15:30
Debate: Should women having breast screening be notified of their breast density and offered supplementary imaging?	
■ Afternoon Tea	15:30 - 16:00
■ Concurrent Session 8D: BREAST	16:00 - 17:30
3D mammography <i>Dr Darren Lockie</i>	
Correlating ultrasound with MRI and tomosynthesis in breast imaging <i>Dr Merran McKessar</i>	
■ Gala Dinner	19:00 - 23:59
<i>Plaza Ballroom</i>	

Stream E

■ Concurrent Session 5E: GYNAECOLOGY From ovaries to endometrium: how do we differentiate benign from malignant?	08:30 - 10:30
From IOTA to O-RADs system: Tools to guide management of adnexal masses	
Balancing risks of surgery with risks of conservative management of benign adnexal masses	
Solid ovarian masses: Lessons and pitfalls	
Ovarian cancer screening: Where are we at now?	
Reporting the endometrium and intracavitary lesions using the IETA terminology	
Management of ovarian masses during pregnancy	
■ Morning Tea	10:30 - 11:00
■ Concurrent Session 6E: OBSTETRICS Pregnancy complications	
Prediction of preterm delivery	
US in pre-eclampsia	
The small baby: Diagnosis, monitoring, delivery	

Abnormally adherent placenta	11:00 - 13:00
The less spoken of extreme: fetal macrosomia	
Debate	
■ Lunch	13:00 - 14:00
■ Concurrent Session 7E: OBSTETRICS Fetal Neurology	14:00 - 15:30
Mild ventriculomegaly: The tip of the iceberg	
Agenesis of the corpus callosum	
Imaging in posterior fossa anomalies	
When fetal MRI is necessary? <i>Prof Stacy Goergen</i>	
Counselling after diagnosis of a CNS anomaly	
Debate <i>Prof Stacy Goergen</i>	
■ Afternoon Tea	15:30 - 16:00
■ Concurrent Session 8E: OBSTETRICS Multiple Pregnancies	16:00 - 17:30
Chorionicity definition by ultrasound	
Follow-up of dichorionic twins <i>Dr Alice Robinson</i>	
Selective FGR	
Diagnosis and implications of TAPS	
Debate <i>Dr Alice Robinson</i>	
■ Gala Dinner	19:00 - 23:59
<i>Plaza Ballroom</i>	

Stream F

■ Concurrent Session 5F: WORKSHOPS- OBSTETRIC Live Scanning	08:30 - 10:30
■ Morning Tea	10:30 - 11:00
■ Concurrent Session 6F: WORKSHOPS- MSK	
Live Scanning Workshop – Shoulder including post op <i>Craig Cairns</i>	
Clinical Scenario Quiz <i>Craig Cairns</i>	
Live Scanning Workshop – Groin <i>Bridie Wylie</i>	

Clinical Scenario Quiz <i>Bridie Wylie</i>	11:00 - 13:00
■ Lunch	13:00 - 14:00
■ Concurrent Session 7F: WORKSHOPS General Live Scanning: Kidney/Liver	14:00 - 15:30
Workshop 1: Renal transplant	
Workshop 2: Liver Transplant	
■ Afternoon Tea	15:30 - 16:00
■ Concurrent Session 8F: WORKSHOPS Hands-On Infection Prevention	16:00 - 17:30
WFUMB survey results - infection prevention <i>Dr Jocelyne Basseal</i>	
Joint ACIPC/ASUM Infection Control in Ultrasound Education program <i>Prof Ramon Shaban</i>	
■ Gala Dinner	19:00 - 23:59
<i>Plaza Ballroom</i>	

Stream G

■ Concurrent Session 5G: EDUCATION Clinical education: From theory to practice	08:30 - 10:30
Welcome and Overview <i>Dr Harvey Nisenbaum</i>	
The changing clinical teaching and learning environment: Tips for educators in the twenty first century	
Transitions in health professions education? <i>Prof Charlotte Rees</i>	
The purpose of orientation and modelling in the clinical practice environment <i>A/Prof Linda Sweet</i>	
Identifying and managing the underperforming student <i>A/Prof Margaret Bearman</i>	
■ Morning Tea	10:30 - 11:00
■ Concurrent Session 6G: EDUCATION-Teaching Psychomotor Skills	
The science of teaching psychomotor skills <i>Prof Debra Nestel</i>	
Teaching a complex skill in ultrasound: Attempt with caution! <i>Delwyn Nicholls</i>	
Using simulation to teach laparoscopic surgical skills - tips, pearls, and pitfalls <i>Dr Ram Nataraja</i>	

Using a learning and skill acquisition plan to develop a learner's knowledge, skills, and professional practice attitudes <i>A/Prof Linda Sweet</i>	11:00 - 13:00
■ Lunch	13:00 - 14:00
■ Concurrent Session 7G: EDUCATION Simulation in Medical Education	14:00 - 15:30
Contemporary views of teaching and learning healthcare communication in the workplace <i>Dr Charlotte Denniston</i>	
Workshop: Facilitating workplace learning of healthcare communication in ultrasound education <i>Dr Charlotte Denniston, Delwyn Nicholls, A/Prof Linda Sweet</i>	
■ Afternoon Tea	15:30 - 16:00
■ Concurrent Session 8G: EDUCATION Social Media in Education	16:00 - 17:30
Twitter-understanding the power of social media in the context of clinical health education	
To tweet or not!! (Including group work)	
■ Gala Dinner <i>Plaza Ballroom</i>	19:00 - 23:59

Stream H

■ Concurrent Session 5H: To Be Announced	08:30 - 10:30
EDUP (Emergency Department Ultrasound Practice) results <i>Prof Ramon Shaban</i>	
POCUS Vascular Access probe cover research findings <i>Dr James Rippey</i>	
Panel Debate: Are we being over-cautious with infection prevention measures in ultrasound? <i>Dr James Rippey, Christoper Sykes, Prof Ramon Shaban</i>	
■ Morning Tea	10:30 - 11:00
■ Concurrent Session 6H: To Be Announced	11:00 - 13:00
■ Lunch	13:00 - 14:00
■ Concurrent Session 7H: To Be Announced	14:00 - 15:30
■	

Afternoon Tea	15:30 - 16:00
■ Concurrent Session 8H: To Be Announced	16:00 - 17:30
■ Gala Dinner <i>Plaza Ballroom</i>	19:00 - 23:59

Stream I

■ Concurrent Session 5I: GENERAL Liver	08:30 - 10:30
Where is liver elastography of most value to patient care? The present and the future	
Hepatic fibrosis: US elastography vs. MR elastography <i>Prof Byung Ihn Choi</i>	
RSNA/QIBA efforts to standardize shear wave speed as a biomarker for liver fibrosis staging <i>Dr Mark Palmeri</i>	
What is new in liver elastography <i>Prof Ioan Sporea</i>	
WFUMB guidelines liver elastography <i>Dr Richard G Barr</i>	
Preliminary clinical experience with shear wave dispersion (SWD) imaging of the liver <i>Marilyn Zelesco</i>	
Comparative study between a pSWE and 2D-SWE integrated in the same ultrasound machine taking Transient Elastography as reference method <i>Alina-Simona Popescu</i>	
■ Morning Tea	10:30 - 11:00
■ Concurrent Session 6I: GENERAL Abdomen Liver 2	11:00 - 13:00
The clinical significance of the fatty liver epidemic	
A preliminary experience in the role of new liver tools in the assessment of liver steatosis <i>Marilyn Zelesco</i>	
Quantitative ultrasound (US) imaging for fatty liver disease	
Non-invasive assessment of liver steatosis	
■ Lunch	13:00 - 14:00
■ Concurrent Session 7I: GENERAL Abdomen - Abdominal contrast	
CEUS in benign focal liver lesions <i>Prof. Dr. Christoph F Dietrich</i>	
CEUS in malignant liver lesions <i>Cristina Chammas</i>	
FNH vs Adenoma	
Ultrasound & LIRADs - implementation and limitations <i>Prof. Dr. Christoph F Dietrich</i>	

<p>The association of US LI-RADS visualization score and diagnostic outcome of US-guided percutaneous biopsy in patients at risk for hepatocellular carcinomas <i>Sang Hyun Choi</i></p>	<p>14:00 - 15:30</p>
<p>■ Afternoon Tea</p>	<p>15:30 - 16:00</p>
<p>■ Concurrent Session 8I: GENERAL Abdomen: Renal/male pelvis</p> <p>CEUS of indeterminate renal masses</p> <p>Re-defining Bozniak with CEUS of complex renal cysts</p> <p>Challenging Genitourinary Ultrasound Cases</p> <p>The day one renal transplant: US diagnosis <i>Greg Curry</i></p>	<p>16:00 - 17:30</p>
<p>■ Gala Dinner</p> <p><i>Plaza Ballroom</i></p>	<p>19:00 - 23:59</p>