

Stream A

- Concurrent Session 9A: MSK & RHEUMATOLOGY 08:30 - 10:30
 - Staying Focused: Ultrasound Guided Extracorporeal Shockwave Therapy in the Management of MSK Conditions *Dr Joo Haw Ong*
 - Emergencies in MSK by US
 - Rational use of MSK PoCUS *Dr Iain Bell*
 - Assessing crystal disease such as gout with ultrasound *A/Prof Fred Joshua*

- Morning Tea 10:30 - 11:00

- Concurrent Session 10A: MSK & RHEUMATOLOGY 11:00 - 13:00
 - Tendon and muscle imaging in sports injuries *A/Prof Claudia Weidekamm*
 - DOMS *Susan Diep*
 - Shear Wave Elastography in MSK *Dr Ron Adler*
 - Ultrasound of the Distal Biceps Tendon and Proximal Radioulnar Impingement
 - Ganglia in unusual places *Jan Mulholland*

- Lunch 13:00 - 14:00

- Concurrent Session 11A: MSK & RHEUMATOLOGY 14:00 - 15:30
 - Ultrasound of the anterolateral hip
 - Groin pain in athletes *Dr Daniel Walkley*
 - Morel lavallee

- Afternoon Tea 15:30 - 16:00

- Concurrent Session 12A: MSK & RHEUMATOLOGY 16:00 - 17:30
 - Ultrasound of nerves around the elbow and proximal forearm
 - Dynamic assessment of the cubital tunnel for ulnar nerve dysfunction *Stephen Bird*
 - Ultrasound of nerve tumours and tumour-like masses
 - Ultrasound Guided Cryoanalgesia of Peripheral Nerve Lesions *Dr Ron Adler*
 - Q&A

Stream B



Concurrent Session 9B: PoCUS- O&G	08:30 - 10:30
Basic Foetal assessment	
Ovarian Masses <i>A/Prof George Condous</i>	
■ Morning Tea	10:30 - 11:00
■ Concurrent Session 10B: PoCUS- O&G	11:00 - 13:00
Early pregnancy overview <i>Dr Adrian Goudie</i>	
Ectopic: typical and atypical	
Ovarian pain - cysts, torsion <i>A/Prof George Condous</i>	
Quiz O&G	
■ Lunch	13:00 - 14:00
■ Concurrent Session 11B: PoCUS - Lung	14:00 - 15:30
Lung ultrasound is not a fishing expedition <i>Dr Kylie Baker</i>	
PTx tips & tricks <i>Dr James Rippey</i>	
Lung in children	
■ Afternoon Tea	15:30 - 16:00
■ Concurrent Session 12B: PoCUS - Lung	16:00 - 17:30
Pleural effusions <i>Dr Sanjeevan Muruganandan</i>	
Masses <i>Dr Sanjeevan Muruganandan</i>	
To B or not to B - IS that the question? <i>Dr Kylie Baker</i>	
Study of the correlation between pulmonary B-line artifact and the pathologic changes of pulmonary edema <i>Xihua Lian</i>	

Stream C

- Concurrent Session 9C: CARDIAC- Echocardiography: The Big Picture

QC in the echo lab	08:30 - 10:30
Guidelines in the real world – Challenges and solutions	
Improving training and accreditation for cardiologists in Australia	
Global challenge of early detection of RHD	
■ Morning Tea	10:30 - 11:00
■ Concurrent Session 10C: CARDIAC- Focus on the RV	11:00 - 13:00
Comprehensive assessment of RV size and function <i>Dr Leah Wright</i>	
Pulmonary haemodynamics - State of the art in 2019	
Arrhythmogenic right ventricular cardiomyopathy	
Right heart valvular disease <i>Dr Leah Wright</i>	
■ Lunch	13:00 - 14:00
■ Concurrent Session 11C: CARDIAC- Exercise and the Heart	14:00 - 15:30
Stress echocardiography for coronary artery disease	
Stress echocardiography for non CAD indications	
Diastolic stress echocardiography <i>Dr Sandhir Prasad</i>	
Athlete's heart – Defining the extremes	
■ Afternoon Tea	15:30 - 16:00
■ Concurrent Session 12C: CARDIAC- Adult Congenital	16:00 - 17:30
Training in ACHD – A sonographers viewpoint	
ASDs/VSDs/PDAs – the simple stuff	
Complex ACHD cases	
Systematic approach to echocardiography in ACHD	

Stream D

■ Concurrent Session 9D: BREAST	08:30 - 10:30
■ Morning Tea	10:30 - 11:00
■ Concurrent Session 10D: BREAST	

Can CEUS help stage breast cancer?	11:00 - 13:00
Elastography of breast tumors: Pitfalls	
■ Lunch	13:00 - 14:00
■ Concurrent Session 11D: BREAST	14:00 - 15:30
■ Afternoon Tea	15:30 - 16:00
■ Concurrent Session 12D: BREAST	16:00 - 17:30
Preliminary report: Comparison of performance in combined screening with digital mammography and ultrasound versus conventional screening with digital mammography alone among Korean women aged 40-59 years old <i>Prof Eun Hye Lee</i>	

Stream E

■ Concurrent Session 9E: OBSTETRICS	08:30 - 10:30
The renal parenchyma – Evaluation of a novel ultrasound measurement to assess fetal renal development	
Accuracy of the morphology scan for the detection of fetal malformations	
Fetal chest malformations <i>Dr Stefan Kane</i>	
Should 3D be part of a routine obgyn ultrasound exam?	
3D reconstruction in fetal medicine	
Debate <i>Dr Stefan Kane</i>	
■ Morning Tea	10:30 - 11:00
■ Concurrent Session 10E: OBSTETRICS	11:00 - 13:00
Population screening for congenital heart malformations	
Fetal atrial flutter and supraventricular tachycardia	
Conotruncal anomalies	
Single ventricle: Diagnosis and prognosis	
Septal defects	
Panel Discussion	
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Lunch	13:00 - 14:00
<p>■ Concurrent Session 11E: GYNAECOLOGY Role of Ultrasound in the investigation of pelvic pain and management of endometriosis</p> <p>Endometriosis: A surgical perspective <i>Prof Luk Rombauts</i></p> <p>Performing an ultrasound to assess for DIE <i>Dr Sofie Piessens</i></p> <p>How ultrasound governs my surgical practice for endometriosis <i>A/Prof George Condous</i></p> <p>Ultrasound-based endometriosis scoring: UBESS <i>Dr Mathew Leonardi</i></p> <p>Myometrial pathology: The diagnosis and management <i>Dr Lufee Wong</i></p>	14:00 - 15:30
<p>■ Afternoon Tea</p>	15:30 - 16:00
<p>■ Concurrent Session 12E: GYNAECOLOGY Ultrasound in the diagnosis and management of complications in early pregnancy</p> <p>Early pregnancy complications: Avoiding diagnostic errors</p> <p>Non-tubal ectopic pregnancies <i>Dr Jayshree Ramkrishna</i></p> <p>Diagnosis and management of Caesarean section scar pregnancy</p> <p>Non-tubal ectopic pregnancies: An Australian experience <i>A/Prof Ricardo Palma-Dias</i></p> <p>Pelvic floor ultrasound: Essentials <i>Prof Hans Peter Dietz</i></p>	16:00 - 17:30

Stream F

<p>■ Concurrent Session 9F: WORKSHOPS</p> <p>The clinical utility of advancing ultrasound technologies in characterising and detecting breast lesions</p> <p>Breast Workshop</p>	08:30 - 10:30
<p>■ Morning Tea</p>	10:30 - 11:00
<p>■ Concurrent Session 10F: WORKSHOPS-MSK</p>	

Live Scanning Workshop – Greater trochanteric pain syndrome - tendinopathy and differentials *Dr Daniel Walkley* 11:00 - 13:00

Clinical Scenario Quiz *Dr Daniel Walkley*

Live Scanning Workshop - Five useful interventions using MSK PoCUS

Clinical scenario quiz

■ Lunch 13:00 - 14:00

■ Concurrent Session 11F: WORKSHOPS - Live Scanning: Head & Neck 14:00 - 15:30

Workshop: Overview of head & neck ultrasound *Dr Christopher Low, Prof Yung-Liang Wan, Dr Rachael Bentall, Dr Daren Gibson and Jo McCann*

■ Afternoon Tea 15:30 - 16:00

■ Concurrent Session 12F: WORKSHOPS- Head & Neck 16:00 - 17:30

Workshop: Overview of head & neck ultrasound *Dr Christopher Low, Prof Yung-Liang Wan, Dr Rachael Bentall, Dr Daren Gibson and Jo McCann*

Stream G

■ Concurrent Session 9G: EDUCATION Developing scholarly skills 08:30 - 10:30

How to review a journal paper critically

Tips to publish your manuscript *Simon Goudie*

Developing the skills and knowledge to structure and write an abstract (Group work)
Dr Jocelyne Basseal and Simon Goudie

■ Morning Tea 10:30 - 11:00

■ Concurrent Session 10G: EDUCATION Mastering the provision of verbal feedback 11:00 - 13:00

The role and purpose of feedback in clinical practice- the current theory and practices

Delivering feedback in clinical practice- the models which assist your clinical practice

Workshop - Facilitating educators in their clinical practice role to deliver feedback
A/Prof Linda Sweet

■ Lunch 13:00 - 14:00

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Concurrent Session 11G: EDUCATION	14:00 - 15:30
■ Afternoon Tea	15:30 - 16:00
■ Concurrent Session 12G: EDUCATION Adopters of ultrasound imaging: The Future	16:00 - 17:30
Teaching cardiac ultrasound: One size does not fit all <i>Tony Forshaw</i>	
Introducing US into the emergency department- tips, tricks and perils <i>Dr Adrian Goudie</i>	
The use of ultrasound imaging in rheumatology- our experiences to-date <i>Lisa Hackett and A/Prof Fred Joshua</i>	
Teaching ultrasound in the undergraduate medical education curriculum- the lessons learned so far <i>A/Prof Fred Joshua and A/Prof Harvey Nisenbaum</i>	

Stream H

■ Concurrent Session 9H: GENERAL - ABDOMEN	08:30 - 10:30
Ultrasound of bile ducts	
Gallbladder polyps	
CEUS of the gallbladder <i>Jane Keating</i>	
Understanding the ABCB4 gene mutation in liver/biliary disease <i>Prof Robert Gibson</i>	
Biliary neoplasia	
■ Morning Tea	10:30 - 11:00
■ Concurrent Session 10H: GENERAL - ABDOMEN New technologies	11:00 - 13:00
Angiogenesis of tumours, and how this affects CEUS	
Microbubbles in therapeutic ultrasound <i>Prof J. Brian Fowlkes</i>	
Sonofluidic fabrication of microbubbles for imaging and therapy <i>Prof Eleanor Stride</i>	
Magnetic nanodroplets for targeted drug delivery <i>Prof Eleanor Stride</i>	
Acoustic protein nano-structures for contrast ultrasound <i>Prof F. Stuart Foster</i>	
Constructive shear wave interference imaging to characterize skin sclerosis <i>Dr Mark Palmeri</i>	
Image fusion technique and abdominal applications <i>Dr Caroline Ewertson</i>	
■ Lunch	13:00 - 14:00
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Concurrent Session 11H: GENERAL - Abdominal Intervention 14:00 - 15:30

Biliary interventions

CEUS in hepatic tumor: Evaluation for RFA efficacy

CEUS applications for interventional ultrasound

Palliative ultrasonography

Seeding after US-guided biopsy

■ Afternoon Tea 15:30 - 16:00

■ Concurrent Session 12H: GENERAL - ABDOMEN 16:00 - 17:30

Sonography in Portal Hypertension

TIPs *Lynne Johnson*

Sonography of splenic tumors: The almost forgotten organ in abdominal US examination

Dr Yi-Hong Chou

Assessment of portal vein patency in patients with Symmers Bilharzial Periportal

Fibrosis at the National Centre of Gastrointestinal & Hepatology from 2000-2015

Dr Suzan Elhakeim

Stream I

■ Concurrent Session 9I: GENERAL - PAEDIATRICS MSK 08:30 - 10:30

To Graf or not to Graf: Perfecting the technique

Hip US in hip pain – What else to look for

The art of palsy

■ Morning Tea 10:30 - 11:00

■ Concurrent Session 10I: PAEDIATRICS Renal 11:00 - 13:00

Renal cystic disease: What's new?

Fetal and neonatal US – what does the clinician need to know? *Dr Paddy Dewan*

Comparing fetal medicine renal dilatation guidelines to the new OTC guidelines –

What's new? What's different?

CEUS in the paediatric renal tract *Prof. Dr. Christoph F Dietrich*

■ Lunch 13:00 - 14:00

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Concurrent Session 11I: GENERAL - PAEDIATRICS Cranial and Vascular

14:00 - 15:30

Meningitis and complications

Role of US in hydrocephalus

Neonatal cranial ultrasound and MR imaging

Vascular malformations – What the interventional radiologist needs to know

■ Afternoon Tea

15:30 - 16:00

■ Concurrent Session 12I: PAEDIATRICS - Superficial Structures

16:00 - 17:30

Lumps and bumps. Common problems – does ultrasound help and how? *Dr Paddy*

Dewan & Dr Edda Chaves

Eye US technique and clinical correlation *Cain Brockley*

Ultrasound assessment of the paediatric neck *Dr Edda Chaves*