



# ARGANZ 2017 Meeting

11 – 12 February 2017

Hyatt Regency Sydney, (formerly a Four Points by Sheraton Sydney, Darling Harbour)



## CONFERENCE PROGRAM

Saturday 11 February 2017			
Time	Session		
<b>0830 – 1030</b>	<b>Session 1: HPB</b>		
	<b>Chairperson: Assoc Prof Andrew Little</b>		
0830 – 0835	Welcome <i>A/Prof Andrew Little</i>		
<b>0835 – 0900</b>	<b>Understanding and optimizing liver CT/MR contrast techniques</b>		
	Understand the real principles and physiology behind liver imaging, and the differences and pitfalls of various techniques of sequence acquisition <i>Prof Richard Baron</i>		
0900 – 0920	Strengths and limitations of hepatocyte specific and extravascular contrast agents in the assessment of liver lesions <i>Dr Mark Goodwin</i>		
<b>0920 – 1000</b>	<b>Imaging benign liver tumours</b>		
	Including a discussion on haemangiomas and FNH: common but not necessarily easy <i>Prof Richard Baron</i>		
1000 – 1030	Pancreatic solid and cystic tumours <i>A/Prof Andrew Little</i>		
<i>1030 – 1100</i>	<i>Morning Tea</i>		
<b>1100 – 1230</b>	<b>Session 2A: Abdominal Emergencies &amp; Intervention</b>	<b>1100 - 1230</b>	<b>Session 2B: CTC</b>
	<b>Chairperson: Prof Rob Gibson</b>		<b>Chairperson Dr Deepak Prasad</b>
1100 – 1115	Bleeding Liver <i>Dr Mark Goodwin</i>	1100 – 1130	Technique <i>Dr Lloyd Ridley</i>
1115 – 1130	Acute pancreatitis <i>Dr Joe Feltham</i>	1130 – 1200	Pitfalls <i>Dr Bernard Ng</i>
1130 – 1145	Bowel ischaemia <i>Dr Tom Sutherland</i>	1200 – 1230	Case Reviews <i>Dr Adrian Balasingam</i>
1145 – 1200	Acute GI bleed <i>Dr Ryan Rudolph</i>		
1200 – 1230	CT guided abdominal intervention from simple to complex <i>Dr Derek Glenn</i>		
<i>1230 – 1330</i>	<i>Lunch</i>		



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<b>1330 – 1500</b>	<b>Session 3A: Liver 1</b> <b>Chairperson: Dr Mark Goodwin</b>	<b>1330 – 1500</b>	<b>Session 3B: Pelvic/Gynae</b> <b>Chairperson Dr Helen Moore</b>
1330 – 1350	Clinical perspective on cirrhosis <i>Dr Gokulan Pavendranathan</i>	1330 – 1400	Ultrasound of endometriosis <i>Prof George Condous</i>
<b>1350 – 1435</b>	<b>Imaging cirrhosis with pathological correlation</b> Extensive imaging-pathological correlation of the benign processes of cirrhosis as well as the varied imaging appearances of the transition to malignancy <b>Prof Richard Baron</b>	1400 – 1430	MRI endometriosis and adenomyosis <i>Dr Kirsten Gormly</i>
1435 – 1500	Ultrasound and elastography in cirrhosis <i>Prof Robert Gibson</i>	1430 – 1500	Cystic pelvic masses <i>Dr Wendy Brown</i>
<i>1500 – 1530</i>	<i>Afternoon Tea</i>		
<b>1530 – 1700</b>	<b>Session 4A: GIT and HPB</b> <b>Chairperson: Dr James Seow</b>	<b>1530 – 1700</b>	<b>Session 4B: Prostate</b> <b>Chairperson: Dr Edward Hsiao</b>
1530 – 1600	MR enterography <i>A/Prof Andrew Little</i>	1530 – 1600	Tumour detection <i>Dr Kirsten Gormly</i>
1600 – 1620	Diagnosis and staging of oesophageal and gastric cancer <i>Dr Tom Sutherland</i>	1600 – 1630	Surgical planning <i>Dr Daniel Moses</i>
1620 – 1640	Chronic pancreatitis <i>Dr Joe Feltham</i>	1630 – 1700	Pitfalls, new applications and image guided biopsy <i>Dr Ron Shnier</i>
1640 – 1700	CT of the porta hepatis <i>Dr Sam McCormack</i>		
1700 - 1715	ARGANZ AGM <i>ARGANZ Executive</i>		
<b>1700 - 1830</b>	<b>Welcome Reception</b>		



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Sunday 12 February 2017	
Time	Session
0730 – 0900	School of ARGANZ Registrar Breakfast Session <i>A/Prof Andrew Little (chair) + Dr Daniel Moses, Dr John Rouse, Prof Richard Mendelson</i>
<b>0830 – 1030</b>	<b>Session 5: Liver 2</b> <b>Chairperson: Dr Jessica Yang</b>
0830 – 0840	HCC: the clinical perspective from a hepatologist <i>Prof Alice Lee</i>
0840 – 0850	HCC: what determines resectability <i>Dr David Joseph</i>
0850 – 0900	HCC: Loco-regional treatment and evaluation of tumour response <i>Prof Lourens Bester</i>
0900 – 1030	Liver Multidisciplinary Team Meeting <i>Dr Jessica Yang (chair) + Prof Richard Baron, Prof Robert Gibson, Dr David Joseph, Prof Alice Lee, Prof Lourens Bester, Dr Christine Chan</i>
<i>1030 – 1100</i>	<i>Morning Tea</i>
<b>1100 – 1300</b>	<b>Session 6: Renal</b> <b>Chairperson: Dr Kirsten Gormly</b>
1100 – 1125	The not so simple renal cyst <i>Dr Phil Vladica</i>
1125 – 1150	Renal vascular disease <i>Dr Graham Dunn</i>
1150 – 1215	Renal CEUS <i>Prof Robert Gibson</i>
1215 – 1300	ARGANZ Registrar Research Prize Presentations <i>ARGANZ Executive Panel</i>
<i>1300 – 1400</i>	<i>Lunch</i>



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<b>1400 – 1600</b>	<b>Session 7: Oncology</b> <b>Chairperson: Dr Warwick Thomas</b>
1400 – 1405	ARGANZ Registrar Research Prize Announcement
<b>1405 – 1435</b>	<b>Imaging malignant liver lesions</b> Learn the imaging appearances of HCC, cholangiocarcinoma, angiosarcoma, EHE, lymphoma <i>Prof Richard Baron</i>
1435 – 1455	Gastrointestinal stromal tumour <i>Dr Yang-Yi Ong</i>
1455 – 1530	Rectal cancer <i>Dr Kirsten Gormly</i>
1530 – 1600	ARGANZ State of Origin Quiz <i>Dr James Seow</i>
1600	Closing remarks <i>A/Prof Andrew Little</i>
	Meeting Close



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**Learning Objectives for ARGANZ 2017 Presentations**

**Saturday 11 February 2016**

**Session 1: HPB (0830 – 1030)**

Understanding and optimizing liver CT/MR Contrast Techniques – Professor Richard Baron

- To understand the real principles and physiology behind liver imaging.
- To understand the differences and pitfalls of various techniques of sequence acquisition.

Strengths and limitations of hepatocyte specific and extracellular contrast agents in the assessment of liver lesions – Dr Mark Goodwin

- To understand the pharmacology of hepatocyte specific contrast agents
- To become familiar with the expected differences between HSCAs and ECCM
- To understand how HSCAs can add value to liver MRI
- To become aware of the potential pitfalls with HSCAs and to know when to avoid using them

Imaging benign liver tumours – Professor Richard Baron

- To be familiar with difficult cases: atypical angiomas, FNH and subtypes of adenomas.
- To learn how systematic analysis helps in the optimal classification of benign liver tumours.

Pancreatic solid and cystic tumours – Associate Professor Andrew Little

- To identify the imaging features on CT and MR of solid pancreatic masses to enable accurate diagnosis, staging of disease and to determine resectability.
- To learn the CT & MR patterns of the common cystic lesions to enable a relevant differential diagnosis to be made and to predict the likelihood of malignancy.
- To appreciate a few of the common mimics of pancreatic neoplasms.

**Session 2A: Abdominal Emergencies & Intervention (1100 – 1230)**

Bleeding liver – Dr Mark Goodwin

To become familiar with the common and uncommon causes of hepatic bleeding and their imaging appearances

To understand the range of potential treatment strategies used to manage the bleeding liver

Acute pancreatitis – Dr Joe Feltham

- To become familiar with the varied imaging findings of acute pancreatitis.
- To examine the staging systems of acute pancreatitis, and understand the implications they have for prognosis and surgical/IR treatment.

Bowel ischaemia – Dr Tom Sutherland

- Review the CT protocols for assessment of bowel ischaemia.
- Review the varied causes of bowel ischaemia.
- Discuss the imaging features of ischaemia.

Acute GI Bleed - Dr Ryan Rudolph

- to review the causes of acute GI bleeding and their associated imaging findings
- to review the options in working up acute GI bleeding
- to understand what the Interventional Radiologist wants to know

CT guided abdominal intervention: from simple to complex - Dr Derek Glenn

- to understand the indications of some abdominal radiological interventions
- to learn how some of these interventions can be performed efficiently and effectively



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**Learning Objectives for ARGANZ 2017 Presentations**

**Session 2B: CTC**

Technique – Dr Lloyd Ridley

- To be familiar with the practice guidelines for CT Colonoscopy (RANZCR & ACR)
- To focus on the benefits of customisation of the protocols to different patient groups

Pitfalls – Dr Bernard Ng

- To recognise the potential traps of CT colonography
- To learn how to avoid common errors in CT colonography interpretation

Case Reviews – Dr Adrian Balasingam

- Review real life cases with the expert – from simple to challenging

**Session 3A: Liver 1 (1330 – 1500)**

Imaging cirrhosis with pathological correlation – Professor Richard Baron

- To illustrate the imaging-pathological correlation of the benign processes of cirrhosis.
- To illustrate the varied imaging appearances of the transition to malignancy.

Ultrasound and elastography in cirrhosis – Professor Robert Gibson

- To be familiar with the ultrasound appearances and pitfalls in the diagnosis of cirrhosis & its complications.
- To understand the principles and the role of ultrasound elastography in chronic liver disease & cirrhosis.

**Session 3B: Pelvic/Gynae (1330 - 1500)**

Ultrasound of Endometriosis – Professor George Condu

- To understand the dynamic real time systematic approach to evaluating the pelvis with transvaginal ultrasound to detect endometriosis
- To understand the terms and definitions to describe different endometriosis
- To understand the limitations of transvaginal ultrasound

MRI endometriosis and adenomyosis – Dr Kirsten Gormly

- To understand the use of MRI in detecting adenomyosis and endometriosis
- To be able to recognise and describe these pathologies

Cystic pelvic masses – Dr Wendy Brown

- To review the appropriate imaging modalities for assessing cystic pelvic masses
- To learn appearances of benign and malignant lesions

**Session 4A: GIT and HPB (1530 – 1700)**

MR Enterography – Associate Professor Andrew Little

- To examine the role of MRE in the diagnosis, staging and management of patients with IBD.
- To understand the choice of imaging parameters and sequence selection to optimise accurate diagnosis.

Diagnosis and staging of oesophageal and gastric cancer – Dr Tom Sutherland

- Review the demographics and risk factors for gastrooesophageal tumours.
- Discuss the patterns of spread of disease.
- Review the imaging modalities used for staging and assessment of disease response.



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Chronic pancreatitis – Dr Joe Feltham

- To become familiar with the imaging findings of chronic pancreatitis - - which matter and which don't.
- To investigate the other disease processes chronic pancreatitis can mimic, and how one might differentiate between them

CT of the porta hepatis: Dr Sam McCormack

- to understand the role of CT in evaluating the porta hepatis
- to see interesting case examples of pathologies demonstrated on CT

**Session 4B: Prostate Session (1530 – 1700)**

Tumour detection – Dr Kirsten Gormly

- Review changes in tumour detection over the last decade
- To understand prostate anatomy and how that affects tumour detection
- Be able to use the PIRADS 2 scoring system

Surgical planning – Dr Daniel Moses

- How to stage a prostate cancer by MRI
- To learn about the relevant surgical landmarks

Pitfalls and new applications – Dr Ron Schnier

- To understand pitfalls in interpreting prostate MRI
- To be aware of different biopsy techniques available
- To learn about clinical controversies in prostate cancer

**Sunday 12 February 2016**

**Session 5: Liver 2 (0830 – 1030)**

HCC: the clinical perspective from a hepatologist – Prof Alice Lee

- To understand what the hepatologist wants to know from the radiologist
- To understand the clinical algorithm used in HCC treatment

HCC: what determines resectability – Dr David Joseph

- To understand what the liver surgeon wants to know from the radiologist
- To understand which lesions can be surgically treated and their imaging follow up

HCC: Loco-regional treatment and evaluation of tumour response – Prof Lourens Bester

- To understand what loco-regional therapy can be applied to HCC, and the lesion criteria
- To understand how to interpret post treatment scans

Liver Multidisciplinary Team Meeting

- To see how a liver lesion is worked up in a multidisciplinary team meeting
- To see a range of real life cases of benign and malignant liver lesions being discussed by the expert panel
- To see how the diagnosis is made, understand the multiple clinical factors that need to be considered, before the best treatment option for each patient is tailored



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**Learning Objectives for ARGANZ 2017 Presentations**

**Session 6: Renal (1100 – 1300)**

The not so simple renal cyst – Dr Phil Vladica

- to learn how to critically assess cystic lesions in the kidneys
- to understand what imaging features determine a suspicious cystic lesion

Renal vascular disease – Dr Graham Dunn

- to remember to consider vascular causes of a urological presentation even if rare
- to get a feel for the current trends in imaging for renal artery stenosis

Renal Contrast Enhanced Ultrasound (CEUS) – Professor Robert Gibson

- To understand the principles of CEUS in renal applications
- To be familiar with the CEUS appearances of normal kidney and common pathologies

**Session 7: Oncology (1400 – 1600)**

Imaging malignant liver lesions – Professor Richard Baron

- Recognize and differentiate imaging appearances of HCC, cholangiocarcinoma and other rare liver tumors

Gastrointestinal stromal tumour – Dr Yang-Yi Ong

- Clinical presentation of GIST
- Imaging features, including post treatment assessment
- Pathological classification of GIST and relationship to imaging appearance

Rectal Cancer – Dr Kirsten Gormly

- To know the required techniques to image rectal cancer to international standards
- To understand the significance of continuous and discontinuous EMVI and N1c
- To be aware of new treatment paradigms and follow up imaging criteria

ARGANZ State of Origin Quiz – Dr James Seow

- To demonstrate classic and/or unique abdominal pathologies in an interactive team based format.
- To determine which state/country has the superior abdominal imaging interpretation & lateral thinking skills