

Saturday 24 February 2024

0830-1030 SESSION 1: Opening Plenary*Chair: Dr Jessica Yang; Moderator: Dr Wayland Wang***0830-0840 Welcome****Dr Jessica Yang****0840-0915 Abdominal and pelvic complications related to Oncologic Therapy****Prof Perry Pickhardt**

- Identify the categories of complications related to non-operative oncologic therapy
- Recognize imaging findings of oncologic therapeutic complications
- Understand immune-related adverse events and its relevance to modern cancer care

0915-0945 The challenging HCC: A case-based review**A/Prof Cher Heng Tan**

To review important entities and conditions that make routine imaging diagnosis of HCC challenging in practice, specifically:

- review of HCC imaging guidelines
- early and small HCC (hepatocarcinogenesis)
- histopathological subtypes

0945-1015 Top tips for assessment of the small bowel**Dr Damian Tolan**

- To understand how to optimise technique for assessment of small bowel diseases with CT and MRI (including the role of buscopan)
- To know the key emergency and outpatient conditions radiologists find challenging on imaging small bowel
- To learn top tips to improve interpretation

1015-1030 Panel Q&A

1030-1100 Morning Tea and Industry Exhibition**1100-1230 SESSION 2A: Liver, Pancreas and Spleen***Chair: Dr Jash Agrawal; Moderator: Dr Chee-Yan Hiew***1100-1130 Hepatobiliary MRI: Emerging opportunities****A/Prof Cher Heng Tan**

- To discuss the role of hepatobiliary MRI beyond liver tumor detection, such as:
- liver tissue functional assessment
- surveillance of non-hypervascular hypointense nodules (NHHN)
- depicting tumor microvascular invasion

1130-1155 Cases from my pancreatic MDM**Dr Mark Goodwin**

- Case review from Dr Mark Goodwin's pancreatic MDM at the Austin Hospital, Melbourne

1155-1220 Spleen: The intermittently interesting organ**A/Prof Tom Sutherland**

- Review types of focal splenic lesions and an approach to narrowing the diagnosis
- Review the modalities available for assessing splenic lesions including CEUS
- Discuss role of biopsy
- Discuss when we can safely ignore the spleen
- Review splenomegaly and the role of elastography

1100-1230 SESSION 2B: Gynae*Chair: Dr Shohreh Rezaei; Moderator: Dr Sharon Winters***1100-1120 MRI for uterine fibroid and adenomyosis embolisation****Dr Eisen Liang**

- To understand the imaging work-up for fibroid embolisation
- To understand the importance of adenomyosis in women's health
- To appreciate the post embolisation changes on MRI

1120-1140 O-RADS MRI and adnexal lesion characterisation - The whats, whys and hows**A/Prof Clair Shadbolt**

- To understand WHAT the O-RADS MRI risk stratification reporting system is
- To understand WHY using it will improve communication between radiologists and referring clinicians
- To understand HOW it can be used so that women with benign lesions or borderline tumours avoid unnecessary or over-extensive surgery while women with malignant masses receive prompt referral to gynae oncology specialists

1140-1200 MRI cervical cancer staging**Dr Yu Xuan Kitzing**

- To understand the role of MRI in cervical cancer staging and its influence on treatment decision
- To be familiar with the MR appearance of the cervix following definitive chemoradiotherapy and the imaging features of recurrence
- To be aware of the broader differentials of cervical lesions encountered on MRI

1220-1230 Panel Q&A

1200-1220 Periurethral and perineal cysts
Dr Annah Lane
 - Review anatomy of the female pelvic floor and perineum
 - Recognise and characterise the most common cystic lesions of the female lower genital tract

1220-1230 Panel Q&A

1230-1330 Lunch and Industry Exhibition

1330-1500 SESSION 3A: Radiology in Public Health
Chair: A/Prof Tom Sutherland; Moderator: Dr Geertje Noe

1330-1500 SESSION 3B: Pelvis
Chair: Dr Katerina Mastrocostas; Moderator: Dr Gayani Mallawa

1330-1400 Opportunistic CT screening
Prof Perry Pickhardt
 - Understand the potential value added by body composition measures at CT that are incidental to the indication for imaging
 - Discuss the challenges related to implementation of opportunistic CT screening into clinical practice
 - Discuss the emerging role for AI for automated CT-based opportunistic detection of a variety of preventable and treatable conditions

1330-1410 MRI rectum update
Dr Kirsten Gormly
 - Review the key staging elements and their prognostic significance
 - Understand how to identify and report tumour deposits
 - Understand how to report a post treatment MRI

1400-1420 CT colonography - How is it used in the UK and NZ
Dr Damian Tolan, Dr Joe Feltham
 - To learn how CTC has developed in the UK and in NZ in the last 20 years
 - To understand the current challenges facing UK CTC, particularly related to reader performance
 - To know the educational developments and standards for improving outcomes for patients

1410-1430 MRI anal SCC and other anorectal cancers (non-adenocarcinoma)
Dr Verity Wood
 - Understand the differences between anal SCC and adenocarcinoma: imaging appearances, staging and management
 - Review other anorectal malignancies and their imaging features

1420-1450 Emerging trends in abdominal radiology for improving population health
A/Prof Cher Heng Tan
 - To highlight the importance of appropriate use of imaging for surveillance of abdominal conditions
 - To discuss the role of structured template reporting for value-based radiology
 - To discuss the potential role of AI in advancing the practice of abdominal imaging

1430-1440 Panel Q&A

1450-1500 Panel Q&A

1440-1500 Research Forum
Dr Numan Kutaiba
 - Current topics for research in abdominal imaging from ANZ perspective
 - Challenges in conducting multi-centre radiology research and sharing of imaging data

1500-1530 Afternoon Tea and Industry Exhibition

1530-1700 SESSION 4A: Acute Abdomen

Chair: Dr Duncan Ramsay; Moderator: Dr Mohammed Hamdan

1530-1605 MR for non-traumatic acute abdomen and use of positive oral contrast in CT
Prof Perry Pickhardt

- Assess the relative advantages and disadvantages for CT and MR imaging in the setting of non-traumatic acute abdomen
- Compare the diagnostic performance of CT and MR for both appendicitis and alternative conditions
- Describe the increasing use of MR for abdominal imaging in the ED setting
- Identify the advantages and disadvantages for the use of enteral contrast
- Compare and contrast the various types of enteral contrast (positive, neutral and negative)
- Assess the appropriateness of the use of enteral contrast according to specific study indication

1605-1620 Chronic mesenteric ischaemia - What a pain
Dr Gabes Lau

- Update on diagnostic criteria from Consensus statements
- Update on treatment

1620-1635 Acute pancreatitis
Dr Won Kyung Sung

- Understand the role of imaging in diagnosis, assessment and prognostication of acute pancreatitis
- Reporting template for pancreatitis - updated Atlanta classification and CT severity index

1635-1650 Cholecystitis
Dr Arj Somasundaram

- Learn about the pathogenesis of cholecystitis
- Identify advanced signs to diagnose acute cholecystitis
- Review the role radiologists can play in cholecystitis management

1650-1700 Panel Q&A

1700-1745 Welcome Function and Industry Exhibition

1700-1745 Abdominal Fellowship Information Session - Trainee Hub, Industry Exhibition

1900-2300 Meeting Dinner - Eureka 89

1530-1700 SESSION 4B: GU and Pelvis

Chair: Dr Nick Kenning; Moderator: Dr Sanila George

1530-1600 Prostate cancer diagnosis in the era of targeted biopsies
A/Prof Cher Heng Tan

- To review international guidelines on the diagnostic algorithm for prostate cancer
- To discuss the role of MRI; video of fusion
- To identify opportunities for refining our approach to prostate cancer diagnosis

1600-1625 Fistula in ano (basic and advanced)
Dr Damian Tolan

- To know the optimal technique for evaluating fistula in ano with MRI
- To know how MRI can influence patient management
- To know the classification of fistulas and guidelines for reporting
- To understand the essential mimics and complications of fistula in ano to evaluate

1625-1650 Adrenals: More than a number and a URL?
Dr James Seow

- To overview the history and basics of adrenal lesion imaging
- To review and critique the international guidelines for managing adrenal incidentalomas
- To present the most recent evidence and propose new changes to established practice

1650-1700 Panel Q&A

Sunday 25 February 2024

0800-0900 School of ARGANZ Breakfast
Dr Sarah Skinner, Dr Gabes Lau

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0830-1030 SESSION 5

Chair: Dr Chris McKee; Moderator: Dr Chris Allen

0830-0905 CT colon cancer staging

Dr Damian Tolan

- To understand the strengths and limitations of CT staging colon cancer with TNM version 8
- To know how CT features influence the treatment pathways selection for patients with colon cancer
- To learn how to evaluate patients after neoadjuvant therapies
- To know the imaging features of complications from neoadjuvant therapies (includes 5 minute Q&A)

0905-0950 Challenging unknown cases

Prof Perry Pickhardt

- Identify key abnormal findings on radiologic studies that are critical to making a specific diagnosis
- Construct a logical list of differential diagnoses based on the radiologic findings, focusing on the most probable differential diagnoses
- Choose the most likely diagnosis based on the cumulative clinical and radiologic information

0950-1030 Mendelson Research Prize Presentations

0950-0959 The accuracy of computed tomography in diagnosis of urothelial malignancy in correlation to histopathology: A retrospective audit of 395 CT Urogram studies between 2017-2021

Dr Joseph Howell

1000-1009 Spectral dual layer CT for choledocholithiasis: A blinded comparison study

Dr Alexander Kirwan

1010-1019 Diagnostic performance of individual MR Enterography imaging features in the characterisation of Crohn's Disease activity

Dr Adrian Law

1020-1029 Automated triage of abdominal X-ray reports using large language models

Dr Thu Nguyen

1030-1100 Morning Tea and Industry Exhibition

1100-1300 SESSION 6: Lower GI MDT

Chair: Dr Will Bugg

1100-1120 Lower GI and peritoneal disease

Prof Sandy Heriot

1120-1140 Latest update in colorectal cancer: A Medical Oncology perspective

Prof Jeanne Tie

- The role of immunotherapy in the management of colorectal cancer
- The changing treatment landscape for rectal cancer
- The role of circulation tumour DNA in detecting clinical occult disease for early stage colorectal cancer

1140-1300 Lower GI MDM

Dr Teng Han Tan (Chair/Radiologist), Dr Sid Levy (Radiologist/Nuclear Medicine Physician), Dr Catherine Mitchell (Pathologist), A/Prof Michael Ng (Radiation Oncologist), Prof Sandy Heriot (Surgeon), Prof Jeanne Tie (Medical Oncologist), Mr Jacob McCormick

1300-1315 ARGANZ Annual General Meeting

1300-1400 Lunch and Industry Exhibition

1400-1600 SESSION 7: Cases and updates

Chair: A/Prof Damien Stella; Moderator: Dr Christine Wong

1400-1405 Mendelson Research Prize / ARGANZ Research & Education Grant Announcements

1405-1435 One Case; 3 Lessons**Dr Damian Tolan, Dr Deepak Prasad, Dr Divya Mehta**

- The one case 3 lessons format has run at ESGAR conferences for several years. Experts present a case where they have made an error related to GI radiology and their reflections and learning from it. The group then discuss the common themes and challenges with the audience. This should be an enlightening and stimulating session where we share and understand the challenges we face in our day to day work

1435-1450 Gallbladder polyps - Dollops or wollops?**Dr Dean Rabinowitz**

- Review pathology and subtypes of gallbladder polyps
- Recount the recent history of polyp management and the evidence for and against this management
- Rethinking our approach and recognising the new guidelines for polyp surveillance and management

1450-1505 Buscopan use in GI imaging - Busting the myth**Dr Angela Gerstenmaier**

- Review the up to date safety profile and contraindications for the use of Buscopan
- Review the current indications for the use of Buscopan in imaging studies
- Outline a reasonable pre study check list

1505-1515 Appendicitis - Beware of the gas**Dr Chantelle Ip**

- To review CT appearances of acute suppurative appendicitis and gangrenous appendicitis, and how this may affect management

1515-1525 Fatty liver disease - What's in a name?**Dr Leon Winata**

- Review the new nomenclature for fatty liver disease
- Review of multi-modality imaging of fatty liver disease

1525-1535 Panel Q&A

1535-1555 ARGANZ Quiz**Dr Arj Somasundaram**

- Test your mettle in the greatest battle of intelligence known to humankind
- Experience the dizzying highs of complete domination
- Experience the crushing nadir of total defeat

1555-1600 Closing remarks**Dr Jessica Yang**