

SATURDAY 26 APRIL 2014

07:00 – 08:00	<p>Breakfast Session Quantify the difference with xSPECT Dr Hans Vija, PhD, Siemens Healthcare Dale Bailey PhD, Principal Physicist, Department of Nuclear Medicine, Royal North Shore Hospital Room: Riverbank 1</p>
07:30	<p>Registration</p>
08:15 - 08:30	<p>Official Opening Room: Hall C</p>
08:30 - 10:00	<p>PLENARY - Imaging Markers & Therapy Response</p>
08:30	<p>Plenary 1: Development of molecular imaging markers Prof Chaitanya Divgi, Columbia University Medical Center, USA Room: Hall C</p>
09:15	<p>Plenary 2: Therapy response monitoring with FDG - PET/CT Prof Wim Oyen, Radboud University Nijmegen Medical Center, The Netherlands Room: Hall C</p>

10:00 - 10:30 Morning tea

10:30 - 13:00 Concurrent sessions 1A – 1D

1A AANMS Symposium: Cardiology Corner Room: Hall C	1B Technologists Symposium Room: Hall B	1C Physics Symposium Room: Riverbank 1	1D Radiopharmacy Symposium Room: Riverbank 2
<p>10:30 - Cardiac PET update <i>Prof Jamshid Maddahi, UCLA, USA</i></p>	<p>10:30 - In a climate of change: the need for NMTs to adapt <i>Brenda King, BJ King & Associates, USA</i></p>	<p>10:30 - O5 Partitioning of PET scan data to estimate single pixel variance for predictions of SUV uncertainty <i>Dale Bailey, Royal North Shore Hospital</i></p> <p>10:45 – O6 Investigation of non-linear effects associated with iterative reconstruction on SPECT resolution measurements <i>Daniel Badger, South Australian Medical Imaging</i></p>	<p>10:30 - Gallium- 68 labelled radiopharmaceuticals: from the radiopharmacy to pre-clinical and clinical applications <i>Assoc. Prof Clemens Decristoforo, Innsbruck Medical University, Austria</i></p>
<p>11:00 - Discussion</p>	<p>11:00 - Discussion</p>		

11:10 - **Read with the Experts: CARDIAC**

Associate Professor Nathan Better & Prof Jamshid Maddahi

RADPHARM Award

11:10 - **O1** An old test with a new spin

Khang Van, Liverpool Hospital

11:20 - **O2** Lymphoscintigraphy with SPECT/CT for localisation of chyle leak

Rhonda Harrup, Fremantle Hospital

11:30 – **O3** The right 'PET prep' makes the difference - diagnosing cardiac sarcoidosis in a patient with an ICD

Danielle Lutze, The Alfred Hospital

11:40 – **O4** A rare bleed

Rebecca Hussey, Flinders Medical Centre

11:00 – **O7** NEMA acceptance testing of a new SPECT-CT gamma camera
Casper Marciniak, St George Hospital

11:15 – **O8** Test-retest reliability and inter scanner variability of 11C-raclopride striatal binding potentials between two INVEON PET/CT imaging systems for naïve Sprague Dawley rats

Paul Callaghan, ANSTO

11:30 – **O9** Quantitative 2D/3D imaging with Lu-177

Dale Bailey, Royal North Shore Hospital

11:00 – **O10** Site specific sulfonation of tyrosine increases peptide hydrophilicity and favourably alters biodistribution: cyclic(RGDyK) as a case study

Mohammad Haskali, University of Melbourne

11:15 - **O11** Preparation of 68Ga-DOTA-[Pro1,Tyr4]-bombesin for Prostate Cancer Imaging and Evaluation of Its Binding Activity with PC-3 Cells

Wiranee Sriwiang, Thailand Institute of Nuclear Technology

11:30 – **O12** Quality control of 68Ga-DOTA-TATE - validation and preliminary results

J. Gordon Chan, Austin Health

11:45 – **O13** 18F]Fluorination optimisation and full production of [18F]MEL050 and [18F]fallypride using a microfluidic device

Lidia Matesic, ANSTO

12:00 **AANMS General Meeting** **Norman Bolus, Editor-in-Chief JNMT** **Physics AGM** **AGM and SIG Discussions**
 12:15- **Technologist AGM**

13:00 Lunch

14:00 **Lowenthal Lecture**
Dr Leighton Barnden, The Queen Elizabeth Hospital

14:45 **ARTnet**
 Launch of a ANZSNM and AANMS joint venture clinical trial network

15:15 Afternoon tea

2E Session 1 CTCA Refresher Course
 Room: Meeting Room 2
 15:15 - Introduction
 Professor Elison

 15:30 - Cardiac CTA with Philips Intelli Space Portal & Comprehensive Cardiac Software

 16:00
 - Tips and Tricks for Perfect Scans

15:45-17:15 Concurrent sessions 2A - 2E

2A AANMS Symposium - Registrar Presentations AANMS Awards Room: Hall C	2B Technologists Symposium Room: Hall B	2C Physics Symposium Room: Riverbank 1	2D Radiopharmacy Symposium Room: Riverbank 2
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15:45 – **O14** Role of end of chemotherapy PET/CT scanning in lymphoma patients who achieve complete metabolic response on an interim chemotherapy PET scan

Paul Beech, Alfred Hospital

15:57 – **O15** Early versus delayed SPECT in dual-phase 99m-Tc Sestamibi parathyroid scintigraphy - Is early SPECT always better?

Chek Poh Beh, Flinders Medical Center

16:09 – **O16** VQ SPECT/CT vs. CTPA - the impact of changes of breast tissue weighting factor on radiation exposure and cancer risk

Stefan Khosh, Austin Health

15:45 - **To eat is human, to digest, divine: reflections on a career in research**

Prof Karen Jones, The University of Adelaide

16:15 - discussion

15:45 – **O27** Clinical evaluation of vendor iterative reconstruction in brain SPECT

Leighton Barden, The Queen Elizabeth Hospital

16:00 – **O28** Calibration of a contamination monitor for measuring thyroid uptake of Iodine-131

Ben Crouch, Royal Adelaide Hospital

16:15 – **O29** Radiation dose from "low dose" CT in SPECT/CT studies: a baseline audit

Peter Collins, Royal Adelaide Hospital

15:45 - Targeted radionuclide therapy in cancer: preclinical perspective from cancer biology

Dr Fares Al-Ejeh, QIMR Berghofer Medical Research Institute

16:21 – **O17** 99mTc-tin fluoride colloid (PULMaCOL) compared to 99mTc-MAA for lung perfusion scanning in patients with pulmonary embolism

Lois Comber, Royal Adelaide Hospital

16:33 – **O18** Cure the incurable: Dose-response analysis by yttrium-90 PET/CT dose-volume histograms identifies the threshold radiation absorbed dose for complete response in inoperable hepatocellular carcinomas treated with SIR-Spheres radioembolisation

Yung Hsiang Kao, Sir Charles Gairdner Hospital

16:45 – **O19** Comparison of the resting left ventricular ejection fractions obtained during gated Tc-99m Sestamibi myocardial perfusion study on an ultrafast CZT camera and a conventional NaI camera using Quantitative Gated SPECT (QGS) software package

Reza Garzan, Royal Melbourne Hospital

16:57 – **O20** Functional imaging with 68Ga-DOTATATE PET/CT scan in patients with neuroendocrine tumours
Jennifer Woo, Austin Health

Mallinckrodt Award

16:25 – **O23** "It's only thyroid cancer" - A qualitative descriptive study of patients' experiences of thyroid cancer, being treated with high-dose radioactive iodine (RAI) therapy and subsequent isolation

Dawn Mathers, Flinders Medical Centre

16:37 – **O24** The use of 99mTc-DISIDA for assessment of Future Remnant Liver

Marcia Wood, Austin Health

16:49 – **O25** Assessment of [18F]-fluoroethyl-L-tyrosine (FET) uptake in gliomas - comparison of static and influx constant (Ki) tumour:normal brain ratios

Mehrdad Ghasemzadeh, Royal North Shore Hospital

17:01 – **O26** Looking for Inspiration and less blur

Scott Evans, Westmead Hospital

16:30 – **O30** Nuclear medicine diagnostic reference levels in Australia - a pilot study

Paul Marks, ARPANSA

16:45 – **O31** Assaying 90Y: comparison of PET camera counting to a dose calibrator

Nicholas Forwood, Department of Nuclear Medicine, Royal North Shore Hospital

17:00 – **O32** Development of primary standards for key radionuclides such as I-131, Lu-177 and Tc-99m and their dissemination

Mark Reinhard, ANSTO

16:30 – **O33** Non-incorporated radionuclide in DOTA-peptides can effectively be complexed in vitro by addition of DTPA or EDTA post radiolabelling and effectively lowers unwanted radiation dose

Wouter Breeman, Erasmus MC Rotterdam, The Netherlands

16:45 – **O34** Molecular imaging of altered 18kD translocator protein (TSPO) expression in the adipose tissue of diet-induced obese mice using Inveon PET/CT scanner

Arvind Parmar, ANSTO

17:00 – **O35** Optimisation of [11C]-Raclopride production using a Synthra GPEXtend system

Gary Perkins, ANSTO

16:30 - Workstation case studies

17:09 – **O21** Clinical outcome of ultralow dose stress only myocardial perfusion imaging (ULDSO-MPI) performed with concurrent low dose coronary artery calcium score (CACS) using state-of-the-art dedicated cardiac hybrid scanner (GE570c), with cadmium-zinc-telluride (CZT) SPECT and adaptive statistical iterative reconstruction (ASIR) CT in low pre-test probability patients

Jui Liu, Bankstown-Lidcombe Hospital

17:21 – **O22** Adjuvant intra-arterial iodine-131 Lipiodol following surgery for hepatocellular carcinoma: a single centre experience

Robert Mansberg, Concord Hospital

17:35
17:35 - 19:05

Close
Welcome Reception

19:15
19:30 - 00:00

Buses depart for NUC's Party
NUC's Party
The Lion Hotel, 161 Melbourne Street, North Adelaide

17:15 - close

SUNDAY 27 APRIL 2014

07:00 - 08:15

Breakfast Session

Vereos, The world's first and only digital PET/CT. First clinical impressions and technical characteristics

Dr Graeme O'Keefe, Principal Physicist, Austin Health

A technical insight into digital PET technology

Prof. Peter Faulhaber, Professor of Radiology Case Western Reserve University, Director of Clinical PET, University Hospital

Case Medical Center

PET/CT: A New Frontier

Room: Meeting Room 1

07:30

Registration

08:30-10:15

PLENARY - Infection & Inflammation

08:30

Plenary 3: General Nuclear Medicine imaging in infection/inflammation (An Australian perspective with an emphasis on Tc-99m colloid WBC imaging)

Prof Vijay Kumar, University of Sydney

Room: Hall C

09:00

Plenary 4: FDG-PET in infections and inflammatory disease

Prof Wim Oyen, Radboud University, The Netherlands

Room: Hall C

09:30

Plenary 5: Novel agents including fungal infections with Ga-68 labelled siderophores

Ass. Prof Clemens Decristoforo, Innsbruck Medical University, Austria

Room: Hall C

10:00

Discussion

10:15-10:45

Morning tea

10:45-12:15

Concurrent sessions 3A - 3C

3A Oncology – Therapy/Imaging Room: Hall C	3B Free Papers Room: Hall B	3C Session 2 CTCA Refresher Course Room: Meeting Room 2
10:45 - Neuro-endocrine <i>Assoc. Prof Michael Hofman, Peter MacCallum Cancer Centre</i>	10:45 – O37 Detection of prodromal Alzheimer's disease with 18F-Florbetaben imaging: a prospective outcome study <i>Christopher C Rowe, Austin Health</i> ANSTO Award	10:45 - Introduction Professor Elison
	10:57 – O38 What is the uncertainty in SUVmax in whole body FDG PET?	11:00 - Cardiac CTA with Philips Intelli Space Portal & Comprehensive Cardiac Software

11:15 – **Alpha therapy update**

Prof Chaitanya Divgi, Columbia University Medical Center, USA

Elizabeth Bailey, Royal North Shore Hospital

11:09 – **O39** Potential 68Ga-PET-imaging agents for imaging infection/inflammation

Vijay Kumar, Westmead Hospital & The Children's Hospital at Westmead

11:21 – **O40** Higher amyloid burden in healthy ApoE-e4 carriers is associated with subjective memory complaints: Results from the flutemetamol and PiB AIBL cohorts

Christopher C Rowe, Austin Health

11:30 - Tips and Tricks for Perfect Scans

Free Paper

11:45 – **O36** 11C-choline PET is superior to T2-weighted MRI for localising malignant intraprostatic lesions for guiding prostate cancer focal therapies

Andrew Scott, Centre for PET, Austin Health

12:00 - Workstation case studies

12:00

ANZSNM AGM

13:00-14:00

Lunch

14:00 – 15:15

Concurrent sessions 4A – 4B

4A Controversy Corner – Radiation
Room: Hall C

4B CTCA Refresher Course
Room: Meeting Room 2

4C TSIG Scope of Practice Discussion Panel
Room: Meeting Room 1

14:00

Low dose radiobiology - new paradigms and experimental challenges
Prof Pam Sykes, Flinders University

14:00 - Introduction Professor Elison

14:15 - Cardiac CTA with Philips Intelli Space Portal & Comprehensive Cardiac Software

14:30	CT and NM data in the Australian paediatric population <i>Dr Zoe Brady, Alfred Hospital</i>	14:45 – Tips and Tricks		
15:00	Discussion			
15:15-15:30	Afternoon tea			
15:30-16:00	Poster Walk Room: Hall J			
16:00-17:30	Concurrent sessions 5A – 5D			
	5A Gastro and Neurology Update Room: Hall C	5B Free Papers Room: Hall B	5C Session 3 CTCA Refresher Course Room: Meeting Room 2	5D Room: Meeting Room 1
	16:00 - GI motility: the ins and outs <i>Dr Dylan Bartholomeusz, Royal Adelaide Hospital</i>	16:00 – O41 Clinical impact of FDG PET-CT performed for non-Medicare eligible indications <i>Peter Lin, Department of Nuclear Medicine and PET, Liverpool Hospital</i>	16:00 – Workstation case studies	16:00 - An introduction to the ANZSNM Minimum Quality Control Schedule for Gamma Cameras
		16:12 – O42 Review of incidental and unexpected findings on low dose CT examinations (LDCT) performed during routine SPECT/CT studies <i>Ganesh Ramaseshan, St. Vincent's Hospital and The Alfred Hospital</i>		
	16:30 - PET imaging in GI malignancies <i>Prof Peter Faulhaber, Case Western Reserve University, USA</i>	16:24 - O43 Prognosticator showdown: metabolic vs pathological response to preoperative chemotherapy for colorectal liver metastases <i>Sze Ting Lee, Austin Health</i>		16:30 - Close
		16:36 – O44 Effect of addition of erythropoietin in stabilising haemoglobin in patients with pre-existing grade-3 cancer induced anaemia needing		

radionuclide therapy for bone pain palliation

Sukanta Barai, Dept of Nuclear Medicine. Sanjay Gandhi Postgraduate Institute of Medical Sciences

16:48 – **O45** Personalised 'time-per-frame' for whole body 68Ga-DOTATATE PET/CT Scanning

David Binns, Peter MacCallum Cancer Centre

17:00 - **An update on dementia imaging**

Prof Christopher Rowe, Austin Health

17:00 – **O46** Haematological and renal toxicity in patients with progressive GEP-NETs treated with 177Lu-Octreotate

Effie Browne, The St. George Hospital

17:12 – **O47** Comparison between 68Ga-DOTATOC PET/CT and 18F-DOPA PET/CT in patients with multifocal/metastatic paraganglioma

Alexander Kroiss, Department of Nuclear Medicine, University Clinic of Innsbruck

17:00 - close

17:30 Close

19:00-00:00 Gala Dinner

MONDAY 28 APRIL 2014

07:30 [Registration](#)

08:30-10:00

08:30

PLENARY

Plenary 6: Cardiac imaging complementary or competitive

Prof Jamshid Maddahi, UCLA, USA

Room: Hall C

09:15

Plenary 7: Advances in thyroid cancer therapy

Prof Chaitanya Divgi, Columbia University Medical Center, USA

Room: Hall C

10:00-10:30

Morning tea

10:30-13:00

Concurrent sessions 6A - 6B

6A PET Corner

Room: Hall C

6B Paediatrics/Free Papers

Room: Hall B

10:30 - **Read with the experts
PET**

*Associate Professor Barry
Chatterton, Dr Sam Berlangieri*

10:30 – **Paediatrics update**

*Prof Robert Howman-Giles
University of Sydney*

11:00 – **O48** Development of
consensus statements for
pregnancy screening in
diagnostic nuclear medicine: A
Delphi technique

*Daphne James, The University
of Newcastle*

11:12 – **O49**
Radiopharmaceutical paediatric
dose optimisation at the
Women's and Children's
Hospital, Adelaide

*Katherine Stanton, The Women's
and Children's Hospital, Adelaide*

11:24 – **O50** CT Radiation dose
reduction strategies for bone
Scan SPECT/CT of the Chest,
abdomen and pelvis using a
Phillips Brightview XCT

*Debra Huddleston, Flinders
Medical Centre*

11:45

Pioneer Lecture

*Max Bellon, Royal Adelaide
Hospital*

12:30

Conference Highlights

*Dr Ghee Chew
Dr Dylan Bartholomeusz*

13:00

Close

POSTERS

P01	<p>Role of 18F-FDG PET in the diagnosis and management of non- ischaemic cardiomyopathies and myocarditis</p> <p><i>Amir Iravani, Sir Charles Gairdner Hospital</i></p>	P26	<p>Positron Emission Mammography (PEM) for the diagnosis of breast cancer in young women: A literature review</p> <p><i>Daphne James, The University of Newcastle</i></p>	P51	<p>Creation of organometallic magnetic nanoparticles as potential agents of targeted delivery of anticancer drugs and the study of their physical and chemical properties</p> <p><i>Olga Kondrashina, Voronezh State University</i></p>
P02	<p>Attenuation correction in Myocardial Perfusion Imaging: A comparative study between prone and CTAC</p> <p><i>Mitchell Clack, St Vincent's Hospital, Sydney</i></p>	P27	<p>Evaluation of the Victorian internship cluster model for professional development year nuclear medicine technologists</p> <p><i>Ailsa Cowie, St Vincent's Hospital</i></p>	P52	<p>Automated Gallium-68 DOTATATE production: an 800 patient experience</p> <p><i>Graeme Snowdon, Royal North Shore Hospital</i></p>
P03	<p>Comparison of gated heart pool studies using conventional angler camera planar imaging and cadmium-zinc-telluride extracted planar data</p> <p><i>Kristie Denmeade, Bankstown-Lidcombe Hospital</i></p>	P28	<p>Use of cerebral perfusion SPECT in the diagnostic evaluation of the patient presenting with progressive Parkinsonism and suspected multiple system atrophy (MSA)</p> <p><i>Jacqueline Behn, Bankstown Hospital</i></p>	P53	<p>A gelatin liver phantom of suspended yttrium-90 resin microspheres to simulate the physiological microsphere biodistribution of a post-radioembolisation liver</p> <p><i>Yung Hsiang Kao, Department of Nuclear Medicine, Sir Charles Gairdner Hospital, Perth</i></p>
P04	<p>Validation of reduced acquisition time for myocardial perfusion scans performed on GE D670 NM/CT scanner</p> <p><i>Melanie Tempest, Western Health</i></p>	P29	<p>Lost in your own house and unable to dress yourself. A case study of posterior cortical atrophy in cerebral perfusion SPECT imaging</p> <p><i>Mark Dobson, Bankstown Lidcombe Hospital</i></p>	P54	<p>Synthesis of F-18 fluoroestradiol using the FlexLab system</p> <p><i>Uwe Ackermann, Austin Health, Centre for PET</i></p>
P05	<p>Coronary artery motion artifact on CT Coronary Angiogram (CTCA) using different scanning protocols</p> <p><i>Manoj Kumar Bhatt, The Townsville Hospital</i></p>	P30	<p>F-18 FDG PET/CT appearances of tumour thrombi in paediatric solid tumours</p> <p><i>Ian Kirkwood, Women's & Children's Hospital</i></p>	P55	<p>Routine production of 68Ga-DOTANOC radiopharmaceutical using an automated modular system: the RAH experience</p> <p><i>William Hsieh, RAH Radiopharmacy</i></p>
P06	<p>Does Ensure® ensure a reliable hepatobiliary result in the absence of Sincalide?</p> <p><i>Briony Tomlin, Royal Perth Hospital</i></p>	P31	<p>The scintigraphic and CT findings of invasive lobular breast cancer bone metastasis</p> <p><i>Zeyad Al-Ogaili, Royal Perth Hospital</i></p>	P56	<p>Modified elution of the 68Ga-generator to increase the concentration of 68Ga3+ and 68Ga-DOTATATE in a single production run</p> <p><i>William Hsieh, RAH Radiopharmacy</i></p>
		P32	<p>Extrapulmonary small cell carcinoma of the seminal vesicles and prostate demonstrated on FDG PET/CT</p> <p><i>Amir Iravani, Nepean Hospital</i></p>	P57	<p>A novel F-18 labelled anilino sulfoxide for PET imaging of tumor hypoxia</p> <p><i>Christian Wichmann, The University of Melbourne</i></p>

P07 Red cell scans with SPECT/CT enhances localisation in acute gastrointestinal bleeding

Kari Hughes, Royal Adelaide Hospital

P08 Altered pulmonary perfusion following Fontan's procedure

Zeyad Al-Ogaili, Royal Perth Hospital

P9 False positive ventilation perfusion SPECT scintigraphy due to chronic Strongyloides Stercoralis infection

Nicole Sorenson, Concord Hospital

P10 A comparative study of ventilation agents in Ventilation perfusion scintigraphy in investigating suspected pulmonary embolism

Sadia Salam, Bangladesh Atomic Energy Commission

P11 Dual pathology seen on 99mTc-Sestamibi Parathyroid Scan

Elyse Langeluddecke, Queen Elizabeth Hospital

P12 Stones, Groans and Bones

Melanie Crowther, Peter MacCallum Cancer Centre

P13 A retrospective review of breast lymphoscintigraphy in correlation with surgical findings - Is it hot or not?

Jo Galea, Westmead Hospital

P33 Testicular and spermatic cord lymphoma depicted on FDG PET/CT and its impact on management

Donna Wu, Liverpool Hospital

P34 The prognostic utility of FDG PET/CT in predicting renal outcome in a rare case of primary renal lymphoma

Joshua Cheung, Liverpool Hospital

P35 Unusual metastatic disease following neo-adjuvant chemoradiotherapy detected by FDG PET/CT in a patient with oesophageal carcinoma

Thanh Mai Nguyen, Liverpool Hospital

P36 An Incidental finding of Myocardial Perfusion Imaging as a major impact on clinical management

Jarryd Whebell, St FX Cabrini Hospital

P37 FDG PET/CT in the management of high grade pleomorphic sarcoma, an interesting case study

Karen Lindsay, The Princess Alexandra Hospital and University of South Australia

P38 Assessing metabolic and hypoxic changes to treatment in colorectal xenografts with nanoPET/MRI

Sze Ting Lee, Austin Health

P39 18F-FDG Avidity in Radiation-induced Hepatitis on PET/CT: Case Report

My Linh Diep, Monash Health

P58 A simple and rapid method to quantify 68Ga-hydroxides in a 68Ga-dotatate formulation

Masood Ali, Royal Adelaide Hospital

P59 Survival outcomes for radioembolisation of inoperable liver malignancies using yttrium-90 resin microspheres: Austin Hospital experience

Yung Hsiang Kao, Department of Nuclear Medicine, Austin Health, Melbourne

P60 Factors affecting dose optimisation in patients with differentiated thyroid carcinoma

Bridget Chappell, Austin Health

P61 Comparison between 68Ga DOTA TOC PET/CT and 123I-MIBG SPECT/CT in patients with extra adrenal paraganglioma

Alexander Kroiss, Department of Nuclear Medicine, University Clinic of Innsbruck

P62 Application of novel quantitative parameters for FDG-PET/CT in non-small cell lung cancer patients receiving curative radiotherapy

Duo Wang, The University of New South Wales

- P14** The prevalence of significant incidental findings on [18F]-FDG PET/CT and their impact clinical management
Katrina Devitt, Royal North Shore Hospital
- P15** Pictorial essay - classification and examples of incidental and unexpected findings on low dose CT examinations (LDCT) performed during routine SPECT/CT studies
Kelvin Yap, St Vincent's Hospital Melbourne
- P16** A rare case report of technetium pertechnetate uptake in osteitis fibrosa cystica and the incremental value of SPECT CT for excluding ectopic parathyroid adenoma
Gopinath Rijju, Malabar Institute of Medical Sciences
- P17** Incremental value of SPECT MR fusion imaging for the evaluation of chylopericardium
Gopinath Rijju, Malabar Institute of Medical Sciences
- P18** 99mTc-labelled red blood cell scintigraphy in the preoperative diagnosis of orbital lesions
Ian Kirkwood, Royal Adelaide Hospital
- P19** Cryptococcoma- mimicking lung cancer on PET: a case study
Tahne Watson, Hunter New England Imaging
- P20** Calvarial avascular necrosis following high-voltage electric burn. the added value of SPECT/CT
Zeyad Al-Ogaili, Royal Perth Hospital

- P40** Intense uptake of technetium 99m pertechnetate by parathyroid carcinoma-a rare case report.
Gopinath Rijju, Malabar Institute of Medical Sciences
- P41** I-131 mIBG therapy of relapsed high risk neuroblastoma: a case report
Ian Kirkwood, Women's & Children's Hospital
- P42** The boy who smelt a rat: PET/CT for paediatric infection
Kayla Rogerson, The Children's Hospital at Westmead
- P43** Lymphoscintigraphy of a scrotal lymphatic malformation
Catherine Munn, Women's & Children's Hospital
- P44** Scintigraphic mapping of a sweat gland tumour - a rare apocrine adenocarcinoma
Angela Woodcock, Bankstown Lidcombe Hospital
- P45** Radionuclide therapy setup at the Women's & Children's Hospital
Tracy Benger, Women's & Children's Hospital

- P21** Differentiating heterotopic ossification from infection following orthopaedic surgery. the added value of SPECT/CT scan
Zeyad Al-Ogaili, Royal Perth Hospital
- P22** Radionuclide SPECT-CT arthrography in assessing suspected loosening of total hip prosthesis : A concise pictorial review.
Teck Siew, Sir Charles Gairdner Hospital
- P23** Efficacy of SPECT-CT in the evaluation of avascular necrosis (AVN) in children with slipped capital femoral epiphysis (SCFE)
Daniel Armao, The Children's Hospital at Westmead
- P24** Sarcopaenia measured by DXA is common in IBD patients
Chris Schultz, Royal Adelaide Hospital
- P25** Calcific uraemic arteriolopathy and the Tc99m-MDP bone scan - a case study
Tess Smith, The Queen Elizabeth Hospital

- P46** Patient effective dose in diagnostic CT component of SPECT/CT bone scans
Rosalie Babicheva, Bankstown Hospital
- P47** Image-quality assessment of several positron emitters for preclinical imaging
Anthonin Reilhac, ANSTO, LifeSciences
- P48** detailed evaluation of nuclear medicine technologist radiation exposure at different stages of F-18 FDG PET scan acquisition in an Australian tertiary hospital centre
Nicholas Daw, Alfred Health
- P49** [18F]-FDG PET/CT and pregnancy - what to consider
Isabelle Hung, Royal North Shore Hospital
- P50** Whole Body FDG-PET/CT imaging in a pregnant woman - is it safe?
Jessica Welch, Austin Health