

**SATURDAY 26 APRIL 2014**

07:00 – 08:00	<p><b>Breakfast Session</b>                  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><b>Registration</b></p>
08:15 - 08:30	<p><b>Official Opening</b>                  Room: Hall C</p>
08:30 - 10:00	<p><b>PLENARY - Imaging Markers &amp; Therapy Response</b></p>
08:30	<p><b>Plenary 1: Development of molecular imaging markers</b>                  Prof Chaitanya Divgi, Columbia University Medical Center, USA                  Room: Hall C</p>
09:15	<p><b>Plenary 2: Therapy response monitoring with FDG - PET/CT</b>                  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**

<b>1A AANMS Symposium: Cardiology Corner</b> Room: Hall C	<b>1B Technologists Symposium</b> Room: Hall B	<b>1C Physics Symposium</b> Room: Riverbank 1	<b>1D Radiopharmacy Symposium</b> Room: Riverbank 2
<p>10:30 - <b>Cardiac PET update</b>   <i>Prof Jamshid Maddahi, UCLA, USA</i></p>	<p>10:30 - <b>In a climate of change: the need for NMTs to adapt</b>   <i>Brenda King, BJ King &amp; Associates, USA</i></p>	<p>10:30 - <b>O5</b> 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 – <b>O6</b> 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>		

**RADPHARM Award**

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

*Associate Professor Nathan Better & Prof Jamshid Maddahi*

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**

<b>2A AANMS Symposium - Registrar Presentations AANMS Awards</b> Room: Hall C	<b>2B Technologists Symposium</b> Room: Hall B	<b>2C Physics Symposium</b> Room: Riverbank 1	<b>2D Radiopharmacy Symposium</b> 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*

*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*

16:15 - discussion

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**

<b>3A Oncology – Therapy/Imaging</b> Room: Hall C	<b>3B Free Papers</b> Room: Hall B	<b>3C Session 2 CTCA Refresher Course</b> Room: Meeting Room 2
10:45 - <b>Neuro-endocrine</b>  <i>Assoc. Prof Michael Hofman, Peter MacCallum Cancer Centre</i>	10:45 – <b>O37</b> Detection of prodromal Alzheimer's disease with 18F-Florbetaben imaging: a prospective outcome study  <i>Christopher C Rowe, Austin Health</i> <b>ANSTO Award</b>	10:45 - Introduction Professor Elison
	10:57 – <b>O38</b> 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	<b>CT and NM data in the Australian paediatric population</b> <i>Dr Zoe Brady, Alfred Hospital</i>	14:45 – Tips and Tricks		
15:00	<b>Discussion</b>			
15:15-15:30	Afternoon tea			
15:30-16:00	<b>Poster Walk</b> Room: Hall J			
16:00-17:30	<b>Concurrent sessions 5A – 5D</b>			
	<b>5A Gastro and Neurology Update</b> Room: Hall C	<b>5B Free Papers</b> Room: Hall B	<b>5C Session 3 CTCA Refresher Course</b> Room: Meeting Room 2	<b>5D</b> Room: Meeting Room 1
	16:00 - <b>GI motility: the ins and outs</b>  <i>Dr Dylan Bartholomeusz, Royal Adelaide Hospital</i>	16:00 – <b>O41</b> 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 – <b>O42</b> 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 - <b>PET imaging in GI malignancies</b>  <i>Prof Peter Faulhaber, Case Western Reserve University, USA</i>	16:24 - <b>O43</b> 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 – <b>O44</b> 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 anger 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 &amp; 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 Bengner, 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 arteriopathy 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*