



## Friday 21 May 2021 - Telix Pre-Conference VIRTUAL SESSION

AEST (Sydney)	NZ +2 hrs	ACST (Adelaide) -.5 hrs	AWST (Perth) -2hrs
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# VIRTUAL SESSION

**Therapeutic Nuclear Medicine – A New Era in Oncology**  
*Chair: Dr Danielle Myerick*



Welcome Telix Pre-Conference Session  
*Dr Danielle Meyrick, Telix Pharmaceuticals, Australia*

IPAX1: Phase 1/2 Study of 4-L-[<sup>131</sup>I]-iodo-phenylalanine (<sup>131</sup>I-IPA) administered concomitantly to second line external radiation therapy (XRT) in patients with recurrent glioblastoma multiforme (GBM)  
*Dr Arthur Braat, PhD, MD from University Medical Centre, Utrecht*

**(O1)** Initial Australian experience with topical Rhenium-188 skin cancer therapy (Re-SCT) for non-melanomatous skin cancers (NMSC)  
*Dr Joe Cardaci, Diagnostic Nuclear Imaging, Australia*

ProstACT: A Phase 3 trial of Lu-177-DOTA-rosopitamab for PSMA expressing metastatic castrate resistant prostate cancer  
*Clinical Associate Professor Nat Lenzo, Notre Dame University and GenesisCare Theranostics, Australia*

Radionuclide therapy and dosimetry: Development and future directions  
*Dr Kathy Willowson, Royal North Shore Hospital, Australia*

Alpha Particle Therapy in Cancer  
*Dr Hossein Jadvar, University of Southern California, Los Angeles, USA*

**Live Q&A**

**Close**

10:15	12:15	9:45	8:15
10:25	12:25	9:55	8:25
10:42	12:42	10:12	8:42
10:52	12:52	10:22	8:52
11:02	13:02	10:32	9:02
11:26	13:26	10:56	9:26
12:07	14:07	11:37	10:07
12:22	14:22	11:52	10:22



## ANZSNM ASM 2021 Program

### Friday 21 May 2021

AEST (Sydney)	NZ +2 hrs	ACST (Adelaide) -.5 hrs	AWST (Perth) -2hrs
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13:30	15:30	13:00	11:30
13:36	15:36	13:06	11:36
14:13	16:13	13:43	12:13
14:39	16:39	14:09	12:39
14:50	16:50	14:20	12:50
15:14	17:14	14:44	13:14
15:30	17:30	15:00	13:30
15:58	17:58	15:28	13:58
16:09	18:09	15:39	14:09
16:33	18:33	16:03	14:33
16:55	18:55	16:25	14:55
17:31	19:31	17:01	15:31
18:02	20:02	17:32	16:02
18:02	20:02	17:32	16:02
18:15	20:15	17:45	16:15

#### \*\*Live and Local Site Attendees - LUNCH IS NOT PROVIDED, ARRIVAL TEA AND COFFEE ONLY

##### Session 1

*Chair: Geoffrey Schembri*

##### Welcome

*Dr Daniel Badger, President ANZSNM, Australia*

##### Quality in nuclear Medicine

*Prof Rudi A.J.O. Dierckx, University Medical Center Groningen, Netherlands*

##### The Role of PET/CT in Esophageal Cancer

*Dr Patrick Veit-Haibach, Joint Department Medical Imaging (JDMI), Toronto, Canada*

##### LIVE Q&A Dr Patrick Veit-Haibach

##### Development of an 18F-labeled Myocardial Perfusion Agent

*Dr Alan Packard, Boston Children's Hospital/Harvard Medical School, Boston USA*

Refreshment Break (15 mins)

##### Session 2

*Chair: Dale Bailey*

##### Experience with COVID-19 in UK

*Prof John Buscombe, British Nuclear Medicine Society, UK*

##### LIVE Q&A Prof John Buscombe

##### Boron Neutron Capture Therapy and Targeted Alpha Therapy for Intractable Cancers Combined with Positron Emission Tomography/Computed Tomography

*Prof Jun Hatazawa, Osaka, Japan*

Comfort Break (15 mins)

##### Session 3

##### Pioneer Lecture

*Dr Andrew McLaughlin, Burwood Nuclear Medicine, Australia*

##### Lowenthal Lecture

*Dr Darin O'Keefe, Christchurch Hospital, New Zealand*

##### Close

##### Welcome Reception Opening

*featuring Oncidium Foundation*



##### Welcome Reception (Live and Local Sites)

**& Virtual Networking (Virtual Attendees - chat with colleagues online and discuss in groups of 4 at a time).**



AEST (Sydney)	NZ +2 hrs	ACST (Adelaide) - .5 hrs	AWST (Perth) -2hrs
8:30			
9:15	11:15	8:45	7:15
10:00	12:00	9:30	8:00
10:09	12:09	9:39	8:09
10:45	12:45	10:15	8:45
10:58	12:58	10:28	8:58
11:28	13:28	10:58	9:28
11:40	13:40	11:10	9:40

AEST (Sydney)	NZ +2 hrs	ACST (Adelaide) - .5 hrs	AWST (Perth) -2hrs
9:15	11:15	8:45	7:15

**ANSTO Breakfast - Sydney Live and Local delegates**  
8.30am - 9.15am  
Rydges World Square, Sydney, Ballroom 3





**ANSTO Presentation (9.15am - 9.45am)**  
Improving future supply of nuclear medicine in Australia  
Ian Martin, General Manager, Health  
Graham Morl, Commercial Manager, Health  
Suzanne Smart, Customer Service Manager, Health

9:15	11:15	8:45	7:15
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**Pfizer Australia Presentation (9.15am - 9.45am)**  
Case Studies: How cardiac nuclear imaging investigations can be used during the diagnosis of Transthyretin Amyloidosis with Cardiomyopathy (ATTR-CM)  
Associate Professor Nathan Better, Royal Melbourne Hospital and University of Melbourne



**Welcome**  
*Dr Daniel Badger, President ANZSNM, Australia*

**Plenary 1**  
*Chair: Giancarlo Pascali, Moderator: Melissa Latter*  
**Droplet radiochemistry: new approaches for efficient radiopharmaceutical development and production**  
*Prof Michael van Dam, University of California, Los Angeles*

**LIVE Keynote Q&A**

**Plenary 2**  
*Chair: Eddie Lau, Moderator: Emma Harding*  
**Hybrid-PET in Nasopharyngeal Carcinoma (NPC): Clinical and pre-clinical studies**  
*Prof Pek Lan Khong, The University of Hong Kong, Hong Kong*


**LIVE Keynote Q&A**  
**Morning Tea Break (15 mins)**

**Poster Viewing & Exhibition**

**STREAM A CLINICAL SCIENCES** | **STREAM B PHYSICAL SCIENCES AND TECHNOLOGY**

**Concurrent Sessions 1A - 1B**

Sponsored by:



Sponsored by:



11:55	13:55	11:25	9:55
12:17	14:17	11:47	10:17
12:33	14:33	12:03	10:33

**1A Breast Cancer**  
*Chair: SzeTing Lee, Moderator: Nattakorn Dhantravan*

**1A.1** <sup>18</sup>F-FDG/CT in breast cancer  
*Dr Bill MacDonald, Fiona Stanley Hospital and Royal Perth Hospital*

**1A.2** Image detection + monitoring of bone metastases from breast cancer – can one test now do it all?  
*Dr Kate Moodie, Peter MacCallum Cancer Centre*

**1A.3** Breast Cancer Panel Discussion with Live Q&A  
*Dr Bill MacDonald, Fiona Stanley Hospital and Royal Perth Hospital;*  
  
*Dr Kate Moodie, Peter MacCallum Cancer Centre;*  
*Prof Sherene Loi, Peter MacCallum Cancer Centre;*  
*Dr Hilary Martin, Perth Breast Cancer Institute*

11:55	13:55	11:25	9:55
12:07	14:07	11:37	10:07
12:19	14:19	11:49	10:19
12:30	14:30	12:00	10:30
12:41	14:41	12:11	10:41
12:52	14:52	12:22	10:52

**1B Physics Symposium**  
*Chair: Kevin Hickson*

**102 1B.1 (O2)** Environmental radiation monitoring in a large nuclear medicine and PET department following relocation to new premises  
*Benjamin Crouch, South Australia Medical Imaging*

**094 1B.2 (O3)** Investigation of acquisition times and reconstruction parameters on image quality for optimisation of whole-body SPECT/CT  
*Mansour Alqahtani, University Of Sydney*



**1B.3** Total Body PET: New Collaborative Opportunities  
*Prof Steven Meikle, The University of Sydney*

**009 1B.4 (O4)** Comparison of Pulmonary Lobar Quantitation Using RAH VQ SPECT / CT Quantitation with a Modified Version of GE Q Lung  
*Chong Chew, Royal Adelaide Hospital*

**1B.5** Radiomics in Nuclear Medicine: where do we stand?  
*Dr Irene Buvat, Institut Curie, France*

**LIVE Q&A \_ 1B Concurrent Presentations**

13:05	15:05	12:35	11:05
13:15	15:15	12:45	11:15
<b>AEST</b> (Sydney)	<b>NZ</b> +2 hrs	<b>ACST</b> (Adelaide) - .5 hrs	<b>AWST</b> (Perth) -2hrs

<b>Lunch break</b>			
<b>Poster Viewing &amp; Virtual Exhibition</b>			
<b>Canon Medical Systems Presentation (13.15pm - 13.45pm)</b> Cartesion Prime PET/CT – Navigate to Personalised Care <i>Tara Shaw, Clinical Marketing Specialist / MRI Product Manager</i> Canon Medical Systems ANZ Pty Limited 		<b>Sirtex Presentation (13.15pm - 13.45pm)</b> Developments in SIRT dosimetry: recommendations and clinical implementation <i>Kathy Willowson, Ph.D., Senior Medical Physicist, Department of Nuclear Medicine, Royal North Shore Hospital</i> 	
13:15	15:15	12:45	11:15
<b>AEST</b> (Sydney)	<b>NZ</b> +2 hrs	<b>ACST</b> (Adelaide) - .5 hrs	<b>AWST</b> (Perth) -2hrs

**Concurrent Sessions 2A - 2B**

<b>2A Infection and Inflammation</b> <i>Chair: Paul Roach, Moderator: Steve Alwright</i>				<b>2B Technologist Symposium 1 - Nuclear Medicine Undergraduate Student Award * and Curium Award^</b> <i>Chair: Elizabeth Bailey</i>					
<b>2A.1</b> The orthopedic approach to the patient with painful hip: any role for imaging to diagnose a peri-prosthetic hip infection? <i>Prof. Carlo Romanò, Policlinico di Monza Healthcare Group and the Villa Maria Healthcare Group, Italy</i>				14:00	16:00	13:30	12:00	007	<b>2B.1 (O5)</b> Effects of exenatide once weekly on intragastric distribution of solids and liquids and perceptions of appetite, in healthy overweight subjects <i>Nicola Evans, University Of South Australia *</i>
<b>2A.2</b> SPECT/CT in orthopedics <i>Dr. Tim van de Wyngaert, Antwerp University Hospital, Belgium</i>				14:11	16:11	13:41	12:11	020	<b>2B.2 (O6)</b> Administration of local anaesthetic for sentinel lymphoscintigraphy significantly reduces pain without reducing detection of lymph nodes <i>Tony Chen, Lake Imaging</i>
<b>2A.3</b> WBC scan in patients with painful hip: how and when? <i>Prof. Alberto Signore, University of Rome, Italy</i>				14:23	16:23	13:53	12:23	035	<b>2B.3 (O7)</b> Biliary Scintigraphy provides accurate data on the incidence and extent of bile reflux post-bariatric surgery <i>Tom Eldredge, The University of Adelaide</i>
<b>2A.4</b> Critical Role of FDG-PET in Assessing Complications of Prosthetic Joint Infections <i>Prof. Abass Alavi, University of Pennsylvania, Philadelphia</i>				14:34	16:34	14:04	12:34	055	<b>2B.4 (O8)</b> 16 vs 8 Bin Evaluation of Left Ventricle Ejection Fraction in Myocardial Perfusion Imaging <i>Brylee Thomson, Austin Health^</i>
<b>LIVE Q&amp;A _ 2A Concurrent presentations</b>				14:44	16:44	14:14	12:44	092	<b>2B.5 (O9)</b> Accurate Measurement of Coronary Artery Calcium in Cancer Patients using the CT component of PET/CT Scans <i>Peter Mcconachie, St. George Hospital ^</i>
<b>Afternoon Tea Break (15 mins)</b>				14:54	16:54	14:24	12:54	026	<b>2B.6 (O10)</b> Reflections on the impact of COVID-19 on nuclear medicine tertiary education in Australia <i>Melissa Shields, The University Of Newcastle</i>
<b>Poster Viewing &amp; Virtual Exhibition</b>				15:04	17:04	14:34	13:04	083	<b>2B.7 (O11)</b> Reflection of learning during COVID-19 from the perspective of nuclear medicine students at the University of South Australia <i>Isabel Barber, University Of South Australia *</i>
				15:15	17:15	14:45	13:15		<b>LIVE Q&amp;A _ 2B Concurrent presentations</b>

14:00	16:00	13:30	12:00
14:11	16:11	13:41	12:11
14:33	16:33	14:03	12:33
14:53	16:53	14:23	12:53
15:04	17:04	14:34	13:04
15:30	17:30	15:00	13:30

## Concurrent Sessions 3A -3B

### 3A Haematology

Chair: Vijay Kumar, Moderator: Dilip Boddeti

**3A.1** A summary of PET in Diffuse Large B Cell Lymphoma and HL  
Prof Judith Trotman, Concord Repatriation General Hospital, University of Sydney

**3A.2** PET in multiple myeloma  
Prof Elena Zamagni, Bologna University School of Medicine, Italy

LIVE Q&A \_ 3A Concurrent presentations

Comfort Break (15 mins)

### Plenary 3

Chair: Andrew Scott

**Nanomedicines for imaging and therapy**

Prof Fabian Kiessling, RWTH-University in Aachen, Germany

LIVE Keynote Q&A

Close

Networking Event / Dinner (Live & Local Networking Package Attendees only)



### 3B ARTnet

Chair: Ros Francis, Moderator: Elizabeth Thomas

**3B.1 (O12)** Performance of PET systems in Australia – results from the ARTnet site validation process  
Prof Dale Bailey, University Of Sydney

### 3B.2 ARTnet

ARTnet overview of scientific activities, A/Prof Ros Francis, Scientific Chair, ARTnet TheraP and Upfront PSMA trial update, Prof Michael Hofman  
ENZAp trial update, A/Prof Louise Emmett  
FIG trial update, Prof Andrew Scott  
XSPECT cardiac amyloid project update, Dr Stuart Ramsay  
ARTnet current and future directions, A/Prof Paul Thomas  
LIVE Q&A \_ 3B Concurrent presentations

15:45	17:45	15:15	13:45
16:07	18:07	15:37	14:07
16:19	18:19	15:49	14:19
16:45	18:45	16:15	14:45
17:00	19:00	16:30	15:00
17:40	19:40	17:10	15:40
17:55	19:55	17:25	15:55

15:45	17:45	15:15	13:45
15:56	17:56	15:26	13:56
16:34	18:34	16:04	14:34

093

**\*\* Please note. Dinner start times vary. Check Live and Local Site information on the Conference website for start times for your local Event / Dinner**

## Sunday 23 May 2021

AEST (Sydney)	NZ +2 hrs	ACST (Adelaide) -.5 hrs	AWST (Perth) -2hrs
9:15	11:15	8:45	7:15
9:28	11:28	8:58	7:28
10:00	12:00	9:30	8:00
10:11	12:11	9:41	8:11
10:44	12:44	10:14	8:44
10:55	12:55	10:25	8:55

### National Imaging Facility Presentation (9.15am - 9.45am)

Where can I get my radiotracer? Introducing the NIF app that gives the answer!  
Dr Tien Pham, National Imaging Facility Fellow at ANSTO  
Dr Giancarlo Pascali, National Imaging Facility Fellow at University of New South Wales



LIVE Q & A \_ NIF Presentation (9.30am - 9.45am)

Welcome

Dr Daniel Badger, President ANZSNM, Australia

### Plenary 4

Chair: Christopher Rowe

**PET in Dementia**

Prof Phillip Kuo, University of Arizona, Tucson, USA

LIVE Keynote Q&A

Morning Tea Break (15 mins)

Poster Viewing & Virtual Exhibition

AEST (Sydney)	NZ +2 hrs	ACST (Adelaide) -.5 hrs	AWST (Perth) -2hrs
9:15	11:15	8:45	7:15

### GE Healthcare Presentation (9.15am - 9.45am)

Large Axial Field-of-View PET a Technology in Search of an Application?  
Gustav von Schulthess, MD, PhD, MD hon



**STREAM A CLINICAL SCIENCES**

**STREAM B PHYSICAL SCIENCES AND TECHNOLOGY**

**Concurrent Sessions 4A - 4B**

**4A Cardiology and Vascular**

*Chair: Barry Elson*

**4A.1** Coronary calcium and nuclear cardiology: a scintillating marriage  
*A/Prof Nathan Better, Royal Melbourne Hospital and University of Melbourne*

**4A.2** Quantification of myocardial blood flow: the next big thing?  
*Dr Fabien Hyafil, Bichat Hospital, Paris*

**4A.3** Imaging of vascular graft infections: WBC scan or [18F]FDG PET/CT?  
*Dr Chiara Lauri, University of Rome, Italy*

**LIVE Q&A\_ 4A Concurrent presentations**

**Lunch break**

**Poster Viewing & Virtual Exhibition**

11:10	13:10	10:40	9:10
11:21	13:21	10:51	9:21
11:49	13:49	11:19	9:49
12:07	14:07	11:37	10:07
12:20	14:20	11:50	10:20

11:10	13:10	10:40	9:10
11:31	13:31	11:01	9:31
11:51	13:51	11:21	9:51
12:02	14:02	11:32	10:02

**4B Radiopharmacy Symposium 1**

*Chair: Monica Rosselgh, Moderator: Jennifer Guille*

**4B.1** Radiopharmaceuticals Produced at Sir Charles Gairdner Hospital, Perth, for Clinical and Research Use in Western Australia  
*Dr Laurence Morandau, Sir Charles Gairdner Hospital*

**4B.2** Where the profession of Radiopharmaceutical Scientist is going in the future  
*Dr Stephen Taylor, Royal Prince Alfred Hospital*

**4B.3 (O13)** Plasma p217+tau SIMOA assay concordance with 18F-NAV4694 amyloid and 18F-MK6240 tau PET in in the AIBL/ADNeT cohort  
*Prof Christopher Rowe, Austin Health*

**LIVE Q&A\_ 4B Concurrent presentations**

044

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<b>AEST</b> <small>(Sydney)</small>	<b>NZ</b> <small>+2 hrs</small>	<b>ACST</b> <small>(Adelaide) - .5 hrs</small>	<b>AWST</b> <small>(Perth) -2hrs</small>
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**Concurrent Sessions 5A -5B**

**5A Endocrinology / Therapy**

*Chair: David Pattison, Moderator: Samuel Kyle*

**5A.1** Pheochromocytoma and paraganglioma, a new age with PET imaging  
*Dr Richard Gauci, Fiona Stanley Hospital*

**5A.2** Redifferentiation therapy in radioactive iodine resistant thyroid cancer  
*Dr Michael Mond, Monash Health and Eastern Health*

**5A.3** Current Status and Emerging developments in PRRT for NET  
*Dr Grace Kong, Peter MacCallum Cancer Centre*

13:20	15:20	12:50	11:20
13:43	15:43	13:13	11:43
14:04	16:04	13:34	12:04

13:20	15:20	12:50	11:20
13:31	15:31	13:01	11:31
13:38	15:38	13:08	11:38
13:46	15:46	13:16	11:46
13:57	15:57	13:27	11:57

**5B Radiopharmacy Symposium 2 - Shimadzu Award\***

*Chair: Ivan Ho-Son, Moderator: Jennifer Guille*

**5B.1 (O14)** PET imaging of [18F]dOTK8-SFB: a novel 18F based radiotracer for imaging of oxytocin receptors  
*Arvind Parmar, Ansto*

**5B.2 (O15)** Implementation of an automated production of F-18 fluoroestradiol at Austin Health  
*Uwe Ackermann, Austin Health \**

**5B.3 (O16)** Development of Quality Control Method for evaluation of in house production of 18F-Fluoroestradiol (FES) a PET estrogen receptor imaging ligand  
*Kenneth Young, Austin Health \**

**5B.4 (O17)** In vitro and in vivo characterization of 89Zr-Df-radiolabeled bispecific anti-PD-L1/TGF-βRII fusion protein bintrafusp alfa  
*Ingrid Burvenich, Olivia Newton-John Cancer Research Institute \**

**LIVE Q&A\_ 5B Concurrent presentations**

**6B Technologist Symposium 2 - RADPHARM Award\***

*Chair: Suzanne McGavin, Moderator: Christian Testa*

109

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14:27	16:27	13:57	12:27
14:40	16:40	14:10	12:40

<b>LIVE Q&amp;A _ 5A Concurrent presentations</b>
<b>Afternoon Tea Break 15 mins</b> <b>Poster Viewing &amp; Virtual Exhibition</b>
<b>Concurrent Session 6A</b>

**6A - AANMS Registrar Research Award\***  
*Chair: Elizabeth Thomas, Moderator: Ros Francis*

14:55	16:55	14:25	12:55	025
15:06	17:06	14:36	13:06	022
15:17	17:17	14:47	13:17	063
15:28	17:28	14:58	13:28	036
15:39	17:39	15:09	13:39	045
15:49	17:49	15:19	13:49	069
16:01	18:01	15:31	14:01	
16:15	18:15	15:45	14:15	
16:30	18:30	16:00	14:30	
17:11	19:11	16:41	15:11	
17:22	19:22	16:52	15:22	
18:00	20:00	17:30	16:00	

<b>6A.1 (O18)</b> Clinical insignificance of [18F]PSMA-1007 avid non-specific bone lesions: A retrospective evaluation <i>Dr Evyn Arnfield, Royal Brisbane And Women's Hospital *</i>
<b>6A.2 (O19)</b> Clinical Utility of Stimulated Cholescintigraphy Using a Standardised Ensure-Plus Fatty Meal Protocol in Patients with Suspected Gallbladder Dyskinesia: A Retrospective Study of Seven-years Clinical Experience <i>Dr Acrane Li, Alfred Health *</i>
<b>6A.3 (O20)</b> The Ketogenic Diet and Cerebral FDG Uptake <i>Dr Olivia Bennett, St George Hospital, Kogarah *</i>
<b>6A.4 (O21)</b> Clinical and biochemical predictors of [18F]PSMA-1007 PET imaging of prostate cancer at staging and biochemical recurrence <i>Dr Avi Chikatamarla, RBWH *</i>
<b>6A.5 (O22)</b> Abnormal hypermetabolism in the internal mammary arteries in patients with 18F-FDG PET/CT scans positive for medium to large vessel vasculitis <i>Dr Sally Ayesa, Royal North Shore Hospital *</i>
<b>6A.6 (O23)</b> Comparison of radiation dose of low dose CTPA to V/P-SPECT in pregnancy <i>Dr Aaron Wong, Monash Health *</i>

**LIVE Q&A \_ 6A Concurrent presentations**

**Comfort Break (15 mins)**

**Plenary 5**  
*Chair: Girish Dwivedi, Moderator: Dr Abdul Ihdahid*

**New developments in cardiovascular molecular imaging: moving to precision cardiology**  
*Dr Fabien Hyafil, Bichat Hospital, Paris*

**LIVE Keynote Q&A**

**Closing Session \_ LIVE**

**Dr Daniel Badger, President ANZSNM, Australia**  
Award Presentations - GMS Poster Award, Nuclear Medicine Undergraduate Student Award, Curium, RADPHARM Award, Shimadzu Award, AANMS Registrar Research Award  
Delegate Prize Announcements  
Introduce ANZSNM 2022

**Close**

14:20	16:20	13:50	12:20
14:29	16:29	13:59	12:29
14:37	16:37	14:07	12:37
14:45	16:45	14:15	12:45
15:08	17:08	14:38	13:08

15:25	17:25	14:55	13:25
15:41	17:41	15:11	13:41
15:57	17:57	15:27	13:57

033	<b>6B.1 (O24)</b> The Benefits of Stress: Acetazolamide versus exercise in PHACE Syndrome <i>Candice Nish, Royal Brisbane And Women's Hospital / Queensland Children's Hospital *</i>
027	<b>6B.2 (O25)</b> Fluorine-18 Fluorodeoxyglucose (18F-FDG) PET/CT in Cardiac Sarcoidosis Diagnosis Following Appropriate Diet Preparation <i>Jordan Zabolocki, Dr. Jones &amp; Partners Medical Imaging *</i>
017	<b>6B.3 (O26)</b> The Role of Myelolipoma Scintigraphy in the Differential Diagnosis of Fat-containing Lesions <i>Ozanna Le, Eastern Health *</i>

**LIVE Q&A \_ 6B Concurrent presentations**  
**Afternoon Tea Break 15 mins**  
**Poster Viewing & Virtual Exhibition**

**Concurrent Session 7B**

**7B Wellness Session**  
*Chair: Emma Brook, Moderator: Rhonda Harrup*

**7B.1** Burnout in Medical Radiation Technologists  
*Melissa Shields, The University of Newcastle*

**7B.2** Optimise your workspace  
*Benjamin Knox, Compliance OH&S*

**LIVE Q&A \_ 7B Concurrent presentations**

<b>AEST</b> (Sydney)	<b>NZ</b> +2 hrs	<b>ACST</b> (Adelaide) - .5 hrs	<b>AWST</b> (Perth) -2hrs
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### ANZSNM ASM 2021 Posters

\* GMS Poster Award Nominee

Paper Number	Poster Title
008	The Role of VQ SPECT CT Quantitation Using RAHVQSQ Program in Pre Lobectomy Assessment for Early Stage Non-Small Cell Lung Cancer: A Pilot Study, <i>Chong Chew, Royal Adelaide Hospital</i>
011	The impact of coronary calcium score in addition to myocardial perfusion imaging in altering clinical management, <i>Pavithra Jayadeva, Royal Melbourne Hospital</i>
012	Reducing salivary gland 68Ga-Ga-PSMA-11 uptake via vasoconstriction, <i>Alison Nixon, Royal Brisbane &amp; Womens Hospital</i>
015	Communicating the vision of the multidisciplinary profession, <i>Suzanne McGavin, RMIT University Melbourne</i>
016	Differentiating co-existing granulomatous pathology on staging 18F-FDG PET in a case of locally advanced gastric carcinoma, <i>Raghava Kashyap Karri, Mahatma Gandhi Cancer Hospital And Research Institute</i>
018	No Theatre Time Required – The Use Of Lymphoscintigraphy With SPECT/CT And Ultrasound To Guide Percutaneous FNA Of The Sentinel Node In A Melanoma Patient, <i>Chong Ghee Chew, Radiology SA *</i>
019	Evaluation of 99mTc-Phytate and 99mTc-Sulphur colloid binding to a mixed nutrient liquid meal, <i>karen Ho, Royal Adelaide Hospital</i>



\* GMS Poster Award Nominee

Paper Number	Poster Title
024	Impact of COVID-19 on procedural volume in Oceania: the IAEA Non-invasive Cardiology Protocol Survey on COVID-19 (INCAPS COVID), <i>Patricia O'Sullivan, Royal Melbourne Hospital</i>
028	Radiolabelling and quality control of Dopamine Transporter imaging agent using Eckert and Ziegler PharmTracer Radiosynthesizer. Westmead Hospital Experience, <i>Dilip Kumar Boddeti, Westmead Hospital &amp; The Children's Hospital At Westmead</i>
029	Confused by International Thyroid Cancer guidelines? - TIRO (Thyroid International Recommendations Online) is here to help, <i>Monica Rossleigh, Prince Of Wales And Sydney Children's Hospitals</i>
030	99mTc-MAG3 SPECT/CT Diagnosis of Renal Transplantation Leak, <i>Marney Greenwood, Austin Health *</i>
032	The effect of blood glucose level (BGL) on gastric emptying half time (T <sub>1/2</sub> ) in gastric emptying procedures, <i>Mia Bono, Austin Health</i>
034	Limbic-predominant Age-related TDP-43 Encephalopathy (LATE), an important recently recognised disease entity, diagnosed with the assistance of Rest and Stress Cerebral Perfusion SPECT Studies, <i>Mark Dobson, Bankstown Lidcombe Hospital *</i>
037	Regular auditing to optimise Facility Reference Levels and Technologist Radiation Exposure for NM and PET procedures , <i>Nick Wright, Austin *</i>
038	Benefit of Dynamic and Early Phase Imaging in Ga-68 PSMA scans for the Detection of Prostate Cancer, <i>Sathvik Prasad, Westmead Hospital</i>
039	National preclinical PET QA audit: pilot study, <i>Prof Steven Meikle, The University of Sydney</i>
040	Radioactive waste management for Gallium-67 incontinent patients, <i>Rosalie Babicheva, Bankstown Lidcombe Hospital</i>
041	Quantification of absolute Myocardial Blood Flow (MBF) and Myocardial Flow Reserve (MFR) using ultra-low dose dynamic CZT-SPECT with 99mTc-Sestamibi and Dipyridamole – Early findings, <i>Chun Bong Ariel Kwok, Bankstown Lidcombe Hospital Nuclear Medicine Department</i>
042	Blood ketone measurements can be used to predict myocardial Fluorodeoxyglucose uptake: A quantitative Fluorodeoxyglucose Positron Emission Tomography study, <i>Claire Eland, Royal Children's Hospital</i>
043	Automated radiosynthesis of [89Zr]Zr-DFOSq-Durvalumab on the iPHASE MultiSyn module, <i>Christian Wichmann, Olivia Newton-John Cancer Research Institute</i>
046	Detection and clinical relevance of hypermetabolic internal mammary lymphadenopathy on 18F-FDG PET/CT in patients with metastatic ovarian cancer, <i>Sally Ayesa, Royal North Shore Hospital</i>
047	A Quantitative Assessment of Philips PET PSF Reconstruction, <i>Sylvia Gong, Austin Health</i>

\* GMS Poster Award Nominee

Paper Number	Poster Title
048	Volume Effects in [89Zr] PET Activity Standard Quantitation, <i>Sylvia Gong, Austin Health</i>
049	Investigation of zinc impurities on [68Ga]-PSMA-11 synthesis and quality control validation, <i>Elizabeth Grenik, Sir Charles Gairdner Hospital</i>
051	The implementation of FDG PET in the management of Erdheim Chester disease, <i>Hamish Schumacher, Austin Health</i>
052	Broadening nuclear medicine knowledge among radiology trainees: utilising Radiopaedia.org's playlist feature in online case-based tutorials , <i>Sally Ayesa, Royal North Shore Hospital</i>
054	Reverse Reversibility Perfusion Defects on Myocardial Perfusion Scans, <i>Socrates Angelides, Westmead Hospital</i>
056	Unmasking "the steal phenomenon" with the humble heat damaged red blood cell scan, <i>Brylee Thomson, Austin Health</i>
057	Ventilation perfusion lung SPECT/CT in pregnancy during COVID-19, <i>Kerry Jewell, Austin Health</i>
058	Acute graft-versus-host disease associated cerebellitis detected with 18F-FDG-PET/CT, <i>Kerry Jewell, Austin Health</i>
059	Dosimetric Comparison of RADAR vs ICRP Radionuclide Emission Spectra, <i>Erin Mckay, St. George Hospital *</i>
060	Cardiac Amyloidosis: Usefulness of the Quantitative Study and its Relationship with Cardiovascular Risk Factors, <i>Miguel Sánchez Torrente, Hospital Universitario Clínico San Cecilio</i>
062	Peptide receptor radionuclide therapy in lung carcinoids: a bicenter study, <i>Lamiaa Zidan, Peter MacCallum Cancer Centre</i>
064	A Comparison of Striatal-to-Occipital Ratio quantification approaches in 18F-FDOPA PET imaging, <i>Riley Pulford, Sir Charles Gairdner Hospital</i>
065	Brain incidental finding on parathyroid scanning, <i>Miguel Sánchez Torrente, Hospital Universitario Clínico San Cecilio</i>
066	Validation of Siemens SyngoVIA Striatal Analysis for use with 18F-FDOPA PET/CT imaging to distinguish patients with early Parkinson's Disease, <i>Shane Hynard, Department of Nuclear Medicine and Specialist PET Services Queensland, Royal Brisbane and Women's Hospital *</i>
067	Phase I safety and bioimaging trial of ifabotuzumab in patients with glioblastoma, <i>Andrew Scott, Austin Health, and Olivia Newton-John Cancer Research Institute</i>
068	Potential Pitfalls in Accurately Diagnosing I-131 Resistance in Metastatic Papillary Carcinoma, <i>Dinesh Sivaratnam, Royal Melbourne Hospital</i>
070	The Significance Value of 18F-FDG PET/CT for Immunotherapy Monitoring in Patients with Metastatic Melanoma. A systematic review and meta-analysis, <i>Narjess Ayati, Olivia Newton-john Cancer Research Institute</i>

\* GMS Poster Award Nominee

Paper Number	Poster Title
071	Unsuspected multifocal endometriosis in a lady with papillary thyroid carcinoma on whole body ablative radioiodine scan, <i>Kristie Denmeade, Bankstown-lidcombe Public Hospital</i>
072	Comparison of Planar vs 3D DMSA renal scans in patients with reduced kidney function and/or abnormal kidney function, <i>Danielle Halloran, Peter Maccallum Cancer Centre</i>
073	The change in PSA does not always reflect the response to LuPSMA therapy – two case studies, <i>Michael Kitchener, Dr Jones &amp; Partners</i>
074	MRI guided deep learning image reconstruction for low dose PET, <i>Cameron Pain, Monash Biomedical Imaging, Monash University</i>
075	Survey of Challenges in Access to Diagnostics and Treatment for Neuroendocrine Tumor (NET) Patients (SCAN) – Australia and New Zealand vs Global Diagnosis of NETs, <i>Meredith Cummins, NeuroEndocrine Cancer Australia</i>
077	Feasibility of Dual 68Ga/177Lu Radionuclide Imaging for Improved Dosimetry, <i>Harry Marquis, University Of Sydney</i>
078	Giant haemorrhagic adrenal adenoma masquerading as malignancy on FDG PET, <i>Veronica Wong, Nepean Hospital</i>
079	Internal Auditing of Local Shields for Radiopharmaceutical Procedures, <i>Lee Wenn Chong, Austin Health</i>
080	Pitfall of 18F-FDG PET/CT in detecting recurrence of lobular breast carcinoma post radiotherapy, <i>Melissa Cheng, Rmh</i>
081	Response evaluation and survival prediction following PD-1 immunotherapy in patients with non-small-cell lung cancer: comparison of assessment methods, <i>Narjess Ayati, Olivia Newton-john Cancer Research Institute</i>
082	Incidental visualization of duodenogastric reflux in the thorax on Tc-99m Sestamibi Myocardial Perfusion SPECT/CT following Ivor Lewis Oesophagectomy, <i>Brianna Powe, Concord Repatriation General Hospital</i>
084	Additional benefit of SPECT/CT in CSF radionuclide imaging studies, <i>Brianna Powe, Concord Repatriation General Hospital</i>
085	Feasibility Study: Estimating Radiation Exposure to the Eye Lens Dose Monitors from the Torso Radiation Monitors in Molecular Imaging , <i>George Rouvalis, Austin Health</i>
086	Infected Right Coronary Artery aneurysm demonstrated on Gallium-67 SPECT/CT, <i>Aaron Rose, Concord Repatriation General Hospital</i>
087	False positive Ventilation/Perfusion (V/Q) scan due to Azygos lobe, <i>Nathan Droguett, Concord Hospital</i>
088	Radioimmunoconjugate development: preliminary testing of a C595 based immunoconjugate, <i>Ashleigh Hull, University Of South Australia</i>

\* GMS Poster Award Nominee

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089	The use of General Anaesthesia to perform Bone Scintigraphy in a disabled outpatient, <i>Josephat Huni, Concord Repatriation General Hospital</i>
090	Value of Bone Scintigraphy in diagnosis and follow up evaluation of Calciphylaxis in CKD patients, <i>Rosamma Bency, Hunter New England Imaging</i>
091	SPECT/CT and PET in a diagnostic dilemma: A case of early onset frontotemporal dementia, <i>Matthew Fielder, Sunshine Coast University Hospital</i>
095	Molecular Imaging service provisions during the COVID-19 pandemic – Austin Health Experience, <i>Kunthi Pathmaraj, Austin Health</i>
096	[177Lu]Lu-PSMA I&T: Development of a Multiple-Patient Dose Production Method, <i>Ashley Walker, Ansto</i>
097	68Ga PSMA PET/CT for the staging and restaging of Renal Cell Carcinoma: A case study, <i>Samuel Evans, Barwon Medical Imaging</i>
098	Combined chemotherapy and endoscopic ultrasound guided intra-tumoural 32P (OncoSil™) implantation for metastatic pancreatic cancer, <i>Jeevinesh Naidu, Royal Adelaide Hospital</i>
099	The utility of 68GaPSMA in adenoid cystic carcinoma of the head and neck, <i>Anisa Kumari, Princess Alexandra Hospital</i>
100	Potential cause of significant differences between creatinine-based eGFR and radionuclide GFR results for patients with cachexia, <i>Clair Coat, SA Medical Imaging, TQEH &amp; LMH *</i>
101	False positive 68Ga-PSMA PET/CT uptake in focal fatty sparing in the liver, <i>Jeremy Saad, Nepean Urology Research Group</i>
104	Sentinel Lymph Node Mapping of Scrotal Squamous Cell Carcinoma - first case experience, <i>Alla Turlakow, Western Hospital</i>
105	ZIRCON: Phase 3 study of 89Zr-girentuximab for PET/CT imaging of clear cell renal carcinoma (NCT03849118), <i>Danielle Meyrick, Telix Pharmaceuticals</i>
106	89Zr-girentuximab as a CAIX targeting radiotracer for positron emission tomography (PET), <i>Nat Lenzo, GenesisCare Oncology</i>
108	TSPO PET imaging using 18F-PBR-111 radiotracer in a clinically relevant GFAP-IL6 mouse model of neuroinflammation , <i>Arvind Parmar, Ansto</i>
110	Dual time point PSMA - Does it upstage disease? <i>Akshay Rao, Monash Health</i>
141	Incidence of 99mTcMAG3 Hepatic Extra-Renal Excretion Activity in Clinical Renal Scintigraphy <i>Bridget Chappell, Austin Health</i>