

ASMIRT 2023 | THURSDAY 27 APRIL

0800 REGISTRATION DESK OPEN


TIME	ROOM C2.2	ROOM C2.3	ROOM C2.4	ROOM C2.5	ROOM C2.6	SITE VISITS
0830		Radiography Escape Room Johnathan Hewis & Tarni Nelson				
0900	Championing Patient Safety in Medical Radiation Practice Matthew Casey		Clinical Supervision and Assessment in MRS Andrew Kilgour & Natalie Pollard	Embedding person centred care in everyday practice Emma Hyde	Implementation of MRI-Guided RT Practices Michael Velec, Sam Roberts, Jenna Dean and Vikneswary Batumalai	Westmead Hospital Site Visit The Brachytherapy and Paediatrics experience 09.30am - 2.30pm
0930						
1000						
1030	MORNING TEA			MORNING TEA		
1100	Radiotherapy Image Data Analysis using Python Phillip Chlap	Psychological safety and educator alliance on clinical placement Frances Gray, Yobelli Jimenez, Laura Di Michele		JMRS Author/Reviewer workshop: Using reporting guidelines in manuscript preparation and review Karen Dobell & Editorial Review Board members of JMRS	Medical Radiation Science Case Competition Peter Hanna	
1130						
1200						
1230						
1300	LUNCH					
1330	Translating knowledge into evidence-based practice – a practical guide for clinicians Laura Di Michele, Yobelli Jimenez	aRTificial intelligence: The opportunities for the profession Meegan Shepherd & Daniel Sapkaroski	Recognising and responding to the deteriorating patient; an interprofessional workshop Phillip Ebbs, Hosen Kiat & Geoff Currie	I've got an idea! Getting started in research and developing a project protocol Elizabeth Brown & ASMIRT Research Committee	First Year in a Day: Investigating the Creation of an Image Adam Steward	ANSTO Site Visit In depth tour into the nuclear science industry 1pm - 4.30pm
1400						
1430						
1500						
1530			AFTERNOON TEA			St Vincent's MR Linac Site Visit MR-Linac guided radiotherapy 3pm - 5.30pm
1600			GE User Group Meeting	Mammography QA- Why Bother? Meg Lavicka		
1630						
1700	Canon User Group Meeting					
1715						
1730						
1800						
1830						
1900	CLOSE					



ASMIRT 2023 | FRIDAY 28 APRIL

0700 REGISTRATION DESK OPEN

TIME VENUE

0830	ASMIRT 2023 OPENING PLENARY "Champions of Change"				
	 Welcome to Country + Convenor welcome ASMIRT Awards, JMRS 10 Years Celebration and "Champions of Change" Panel Discussion - Moderated by Beverly Snaith Chris O'Brien Music Therapy Team & Lifehouse Choir				

1030 MORNING TEA

TIME	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5
	Patient Centred Care in RT	Education in RT: Advances and opportunities	MRI - MI/NM	Advancing Planar Radiography - MI	Mixed - NM
1100	Queering Cancer: Support for LGBTQ2 patients Amanda Bolderston	52 A Simulated Clinic to Build Interprofessional and Authentic Learning Opportunities for shaping future practice Eileen Giles	Advances in PET/MRI Elizabeth Hawk	Can medical radiation practitioners rely on an inherited evidence base? Beverly Snaith	99mTc-PSMA in prostate cancer: the NZ experience Prue Lamerton
1115		203 Development of a Professional Certification for Radiation Therapists undertaking MRI Min Ku		Revisiting the evidence around radiographic positioning: An examination of pelvis centring Beverly Snaith	
1130	42 Championing change for paediatric radiation therapy patients: Co-producing a digital quality of life assessment platform Mikaela Doig	TBA	198 Shaping the future: Where are we in the MRI safety landscape? Jenny Sim	103 Check Before You Send - Catching Errors Before They Impact Patient Care Mathew Knox	
1145	173 Pilot evaluation of a patient reported experience survey tool specific to radiation therapy procedures Jemma Walsh	5 Radiation Therapy Students' Perceptions of Peer Group Supervision: A Pilot Study Gay Dungey	194 Systematic review of published literature on MRI skin burns to provide recommendations for MRI practice Cassandra Baker	107 Radiographer decision-making when accepting or rejecting x-rays. An exploration of non-technical parameters Katrina O'Keefe	139 Minimising Patient Radiation Exposure through Individually Tailoring Patients Administered Activity: A Systematic Review Mitchell Burton
1200	164 Immersive VR coaching and mask-related anxiety in patients receiving radiotherapy for head and neck cancer Daniel Sapkaroski	187 Online Adaptive Radiation Therapy In-house Credentialing Program for the Future of the Radiation Therapist Profession Meegan Shepherd	39 Simple quantitative planimetric measurement of nigrosome-1 for the diagnosis of Parkinson's disease in clinical settings Shayne Chau	TBA	138 Dose Optimisation in Bone Scintigraphy Steven Kentish
1215	152 Person-centred care: collaborative approach in Medical Radiations to include lived experiences of healthcare into curriculum Kylie Auld, John McInerney & Imalda Devaparanam	208 Planning Experience of New Graduate Radiation Therapists in New Zealand Kate Chadwick	3 Longer term effects of distress in MRI and a void in post procedure care Johnathan Hewis	16 Re-creating the Compensatory Filter: Honouring the Past by maintaining the design into the future Adam Steward	74 Towards a Future Ready Nuclear Medicine Service: The Effect of Latest Guidelines on NM Setup Jin Tang Tay
1220				59 The role of radiographic imaging in Disaster Victim Identification Edel Doyle	
1225				110 From Digital to Material: How Radiology is shaping the future of Medical 3D Printing Alex Hollingsworth & Xanthe Keneally	

1230 LUNCH - Meet and greet with the SNMMI-TS leadership / Chris O'Brien Lifehouse Music Therapy Workshop / Past President's Lunch

TIME	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5
	Improving patient experience - RT	Advancing RT Practice - RT	Image Interpretation in Practice- MI	Education - MI	Advances in imaging - NM
1330	Sue McGregor	Nigel Anderson	159 See Something, Say Something: The Coroner's Perspective Kristal Lee	145 Embracing change: shaping our student radiographers by embedding critical thinking into the medical imaging curriculum Tracey Pieterse	PET Dose extravasation Stephanie Robbie
1345	175 Patient-centred care, emotional intelligence and clinical placement: A scoping review Debra Lee	185 Shaping the future of SBRT: RT led IGRT credentialing program for SBRT lung Kelsie Henry	130 A multidisciplinary approach to implementing a radiographer Preliminary Image Evaluation system at a tertiary hospital Xanthe Keneally	32 The self-reported knowledge, skills, and attitudes of Australian diagnostic radiographers towards evidence-based practice Laura Di Michele	
1400	108 Development of pediatric radiation therapy program to alley anxiety Xiao Wei Tan	50 Radiation Therapist Led Lung Stereotactic Ablative Body Radiotherapy Treatment in the Absence of Radiation Oncologist Menglei Chao	15 Championing change: How radiographers are impacting the reduction in diagnostic errors in the emergency department Abbie Petts & Michael Neep	113 Undergraduate medical imaging students' experiences and perspectives on professionalism: A qualitative longitudinal study Jayanti Gyawali	Veterinary nuclear medicine Peter Tually
1415	201 Randomized trial of person-centered versus standard radiation therapy model-of-care for breast cancer patients (PERSON Study) Michael Velec	182 Embracing the present: credentialing considerations for RT led SABR IGRT Kenton Thompson	106 Analysing False-Positive Errors when Australian Radiographers use Preliminary Image Evaluation Jermayne Takapautolo	176 Entering the professional workplace: "it's a shared experience" Julie Zhang	
1430	"156 Champions of change: Reviewing patient pathways towards improved outcomes for pelvic cancer radiation therapy Jennifer Trimboli	120 Perceptions and understanding of Advanced Practice Radiation Therapy in Victoria: defining our professional future Rebecca Height	117 The effect of clinical information on radiology reporting: a systematic review Chelsea Castillo	13 Embracing complexity - lessons learned from delivery of large-scale bespoke training across diverse professional groups Daniel Ho	Predictors of survival in PET/CT era Paulina Cegla
1445	71 A national survey of New Zealand cancer patients' preferences for radiation treatment information Alannah Flockton	89 Implementation of a Radiation Therapist Led Referral Program to Canteen Maiko Crispin	140 Risk-benefit analysis of a multidisciplinary radiographer comment model of care in NSW Emergency Departments Ingrid Klobasa	186 Is our integrity slipping? Implications of academic dishonesty in medical radiation science practice Caroline Nabasnja, Kym Barry & Clare Singh	

1500 AFTERNOON TEA

TIME	ROOM 1	ROOM 2
SPLIT PLENARY SESSION		
	Diversity, equity and inclusivity in MRS	Managing medicine shortages - NM/MI
1530	Coming out or staying in? Navigating diverse sexual and gender identities at work Amanda Bolderston	The role of state Government - Clinical Excellence Committee James Mackie
1545	Invited Speaker	The role of MBS in shortages Michael Ryan
1600	Lucinda Morris	The role of the TGA in medicine shortages Zaheeda Patel
1615	"Women in leadership" Panel Discussion/Debate	Responsiveness to medicine shortages in MRS - Panel Discussion. ANSTO, GMS, NSW Health, GE, TGA, MBS Moderated by Peter Tually and Geoff Currie
1645		
1700		

1900 FRIDAY EVENING COCKTAIL FUNCTION - DALTONE HOUSE - SPONSORED BY VISION RT



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ASMIRT 2022 | SATURDAY 29 APRIL

0630 BRAINLAB RUN / WALK / YOGA /					
0700 REGISTRATION DESK OPEN					
0730 SPONSOR BREAKFAST SESSIONS - ELEKTA & GE					
TIME	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5
	Nuc Med Therapy - NM	Varian Award session - RT	Targeted Radiation Therapy - RT	Enabling the CT Radiographer - MI	The Breast - MI
0900	The era of theranostics Eric Rohren	Varian award winner	69 Quantification of Motion Reduction using Pre-simulation Assessment Sessions (PASS) for Stereotactic Ablative Body Radiotherapy (SABR) Sophie Duncan	174 Radiographers' knowledge, attitudes and practice of infection prevention and control in the CT suite Dania Abu Awwad	Elisabeth Rippy
0915			143 Intrafraction motion in prostate SBRT: Can CBCT soft tissue matching be used without fiducial markers? Linda Bell	116 IMPACT Requests: shaping the future of CT requesting Chelsea Castillo	
0930	Neutron Capture Enhanced Particle Therapy (NCEPT): A series of fortunate events Mitra Safavi-Naeini	121 Exploring Advanced Practice Radiation Therapy as an alternative model of care Rebecca Height	172 Monitoring Lung Motion: An Evaluation of Markerless Tumour Tracking Software for Lung SBRT Maiko Crispin	12 Use of radiographer commenting in CT to improve patient safety Allie Tonks & Caitlin Tu	112 "When will they invent something better": A review of dedicated cone-beam breast computed tomography (CBCT) Kelly Spuur
0945		114 Radiation therapy toxicities in head and neck cancer - clinical indicators Lauren Winkley	192 Evaluating the impact of contour changes on reduced arc VMAT Breast dosimetry Wilson Cheung	118 Theoretical Investigation of the Upslope of Contrast Curve as a Predictor of Optimal Contrast Enhancement Kelly Chu	75 Breast cancer screening of BRCA gene patients at a tertiary Australian hospital: an audit Nicole Hambleton
1000	Utilising 188Rhenium for 99mTc Technetium Theranostics and Non-Melanoma Skin Cancer Therapy Alexander Flight	146 Increasing recruitment of CALD population to MRI Clinical Trials in Radiation Oncology Doaa Elwadia	144 A Surface Guided Radiation Therapy versus Conventional Laser-Based Setup study for thoracic and pelvic patients Nick Lau	56 Novel Metal Artefact Reduction of Large Implants in CT: A Systematic Review and Network Meta-Analysis Katya Amadita	119 The state of mammographic image quality analysis in Australia Kelly Spuur
1015		49 ASMIRT Research Support Services - Helping Empower Local Practitioners Rachael Beldham-Collins	162 Implementation of palliative Adaptive Radiation Therapy (ART) using simulation-free diagnostic imaging: A Radiation Therapist perspective Toby Lowe	61 Image Quality Assessment of Low-Dose Whole-Body CT Skeletal Surveys for NAI Edel Doyle	111 Mammography: Exploring the imaging of women with cardiac implantable electronic devices (CIEDs) in Australia Kelly Spuur
1030 MORNING TEA					
TIME	ROOM 1	ROOM 2	ROOM 3		
	Evidence based practice and research	Building a resilient & responsive workforce	PET/CT - NM/MI		
1100	Qualitative research: Interpreting quality Amanda Bolderston	Recognising and responding to occupational stress Phillip Ebbs	18F-Fluoroestradiol PET Imaging in Estrogen Receptor Positive Breast Cancer Tina Buehner		
1115	Building evidence-based practice Christina Malamaneniou	Workforce resilience: A manager's perspective Leighton Rogan			
1130	Critical Evaluation of Quantitative Research Elizabeth Brown	43 Scheduled Medicines In Medical Radiation Science Alan Malbon	Nuclear Cardiology 2023 David Gilmore		
1145	Bridging the gap between haphazard care and evidence-based care in cancer Geoff Delaney				
1200 ASMIRT AGM					
1230 LUNCH - Meet and greet the RAINS committee					
TIME	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5
	Innovation - NM	Adaptive RT	Championing Change in MI	Student Award - RT	Student Award - MI
1330	Mimics and Pitfalls in FDG-PET/CT Imaging Eric Rohren	MR-Guided Adaptive SABR for Liver Cancers Michael Velec	Artificial Intelligence is changing radiography: What should we do? Christina Malamaneniou	109 An evaluation of ankle and foot bolus in paediatric modulated arc total body irradiation (MATBI) Hannah Hering (Student Prize Winner, Qld)	"51 The cost of perfection: An investigation into unnecessary rejection of clinically acceptable imaging (Lateral Wrist) Kathryn Currie & Sarah Semsem (Student Prize Winner, Vic)
1345		133 The impact of patient positioning lasers on setup accuracy for MR-Linac radiotherapy Louise Hogan	123 Championing Change: Exploring the prevalence of debriefs in Radiography Departments following a critical incident Simran Sampath Kumar	210 Providing Culturally Responsive Cancer Care for First Nations people in Australia - Nicholas Davis (Student Prize Winner, SA)	204 An Investigation into Using Eye-gaze Metrics to Assist Chest Radiograph Interpretation Performance: A Pilot Study Elizabeth Arthur (Student Prize Winner, WA)
1400	Recent innovations in nuclear neuro imaging Elizabeth Hawk	167 Virtual training for Radiation Therapists in Pelvis Contouring: Shaping Accuracy Capabilities for Online Adaptive RT Alexander Podreka	132 Radiographer response to medical emergencies in the radiology department: A scoping review Caitlin Tu	211 Is Radiomics a Promising Direction for the Future of Radiation Oncology? Ellen McEvey, Riya Gupta & Tatiana Griffiths (Student Prize Winners, Vic)	209 Radiological bone age assessments: Should they determine whether individuals are prosecuted as children or adults? Josephine Awwad (Student Prize Winner, SA)
1415		178 Surveying Radiation Oncologists and Radiation Therapists to shape our future in Online Adaptive Radiation Therapy Carlito Coronel & Minkyo (Christina) Suh	89 Seeing the Bigger Picture: Embracing Modern Pain Science to Enhance Care in the Imaging Department Sophie Shephard & Kate Dahlenburg	180 An Evaluation of the Utilisation of a 6 Degree of Freedom Couch in Radiation Therapy Jessica Smith	Optimising horizontal-beam lateral hip radiographs: analysis of radiation dose, image-quality and efficiency Ashlyn McBurnie (Student Prize Winner, Qld)
1430	Recent innovations in nuclear cardiology Hosen Kiat	47 A collaborative approach to developing an advanced practice curriculum in adaptive radiation therapy Kristie Matthews	54 You're going to do what? - Bridging the gap between wards and Medical Imaging Stephen Lacey	199 Breathing "right": A novel comparison of coached respiratory motion Bethany McCullough	11 Radiographers' experiences of ageing population medical imaging encounters: A person-centred approach Kevin Ding
1445		147 Dose escalated stereotactic ablative radiotherapy of pancreas on MR-Linac Laura McKenzie	68 The Value-adding Radiographer of the Future Tom Steffens	181 An Evaluation of Treatment Time and Intrafraction Motion in Stereotactic Body Radiation Therapy Leila Rough	24 AI-assisted automated detection-the future tool of detecting missed osteoporotic vertebral fractures on chest radiographs Cleo Wee
1500 AFTERNOON TEA					
TIME	ROOM 1	ROOM 2			
	SPLIT PLenary SESSION				
	Application of Artificial Intelligence - Fellowship Session		Champions of Change		
1530	Ethical and healthcare equity aspects of artificial intelligence in medical imaging Elizabeth Hawk		Person-centered care global perspective & international community of practice Emma Hyde		
1545			Person-centered radiation therapy models-of-care and services Michael Velec		
1550	Artificial Intelligence in Radiology and Nuclear Medicine: A Programmatic Perspective Eric Rohren				
1600			Autism friendly Medical Imaging Christina Malamaneniou		
1610	Quantifying uncertainty for safe clinical implementation of artificial intelligence Phillip Chlap				
1615			Dementia Patient Care in the Medical Imaging Department Rachel Challen		
1630	Artificial intelligence, digital twins and radiation dosimetry Geoff Currie		92 Global Centre for Research & Training in Radiation Oncology - From collaboration to advocacy Yolanda Surjan		
1645			Person-Centred Care - Panel discussion		
1650	Artificial Intelligence - Panel Discussion				
1700					
1715					
1730 CLOSE					
1900 SATURDAY GALA DINNER - ICC - SPONSORED BY VARIAN					



ASMIRT 2022 | SUNDAY 30 APRIL

0800 REGISTRATION DESK OPEN

TIME	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5
	CT 2 - MI/NM Sponsored by Canon Medical	Educating the Future - combined	Closing the gaps - RT	You matter - combined	Forensic Radiography - MI
0900	23 The effect of phantom off-centring, tube voltage and localiser direction on dose and CT number Yazan Al-Hayek	205 Getting to know you: Interprofessional learning workshops with radiation therapy students and radiation oncology registrars Lisa Cunningham	A preliminary review of the issues associated with treating patients with a larger body habitus Amanda Bolderston	TBA	60 Medico-legal Aspects of NAI imaging Edel Doyle
0915	76 Evaluation of two modified clinical prediction models for optimising the use of CT pulmonary angiography Jannah Turner	66 MRI in Radiation Therapy: Educational opportunities shaping the future for current and future practitioners Julie Burbery & Crispen Chamunyonga	161 Modern approach to treating SBRT/SRS in regional communities Marissa Morey	206 Burn out or lean in - Is Professional Supervision the answer? Sarah Thomson	Invited Speaker
0930	41 CT venography for cerebral venous thrombosis: Are we imaging wisely? Emma Thornton	170 Theoretical frameworks for radiography podcast development Yobelli Jimenez	149 The experience of CALD patients in RT - how can we improve patient centred care? Freshta Mohammad	67 Moral Distress during COVID-19: honouring our experiences and growing our resilience for the future Tom Steffens	
0945	195 Evaluation of factors influencing radiation dose: Future of abdominopelvic CT protocols Sabrina Mouslemani	28 Student radiographers' observations of evidence-based practice during placements: implications for radiography education, culture, and practice Laura Di Michele	197 Improving Access to Nutritional Support for Rural Radiotherapy Patients Lauren Andreou	27 The ongoing impact of COVID-19 on the clinical education of Australian MRS students Stephen Lacey & Christopher Parsons	Invited Speaker
1000	Diagnostic CBCT: creating novel 3D imaging capacity or a technology looking for a home? Beverly Snaitth	78 Translating Research in Medical Radiation Practice: Shaping the Future of Patient Care Christopher Hicks	88 Persisting gaps in optimal care of stage III non-small-cell lung cancer: an Australian patterns-of-care analysis Katrina Woodford	82 ePortfolios; a new educational approach to stop, think and say something! Magdalena Dolic & Yaxuan (Lisa) Peng & Keshav Dhingra	
1015		105 Becoming Champions of Change: organising and delivering CPD in a COVID and post-COVID world Therese Gunn & Alex Hollingsworth	196 Translating the Treatment: Educating and Instructing Non-English Speaking Patients For DIBH / EEBH Radiation Therapy Andrew Puffett & Ming Zhao	30 E-learning created by radiographers - shaping the future of Medical Imaging education Daniel Ho	

1030 MORNING TEA

TIME	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5
	Prostate - NM	Professional Pathways - combined	Advanced Radiotherapy Practice - RT	General Radiography 2 - MI	Pick & Mix - MI
1100	Principles of PSMA theranostics Geoff Currie	Invited Speaker	Tania Twentymann	Making an impact as an Advanced Practitioner Don Nocum	126 Shaping the future of Occupational Health and Safety in Medical Radiation Professions Mary-Anne Miller
1115		48 Medical Radiation Practitioner Regulation in NSW; Key Learning Points and Case Studies Nadine Thompson	72 Predicting normal brain dose in hypofractionated stereotactic radiotherapy for single brain metastases using VMAT Erin Johns	115 Are we following the evidence? An Audit of Paediatric Forearm Protocols Annabel Keir	34 RESPite - REducing Sonographer Pain through ergonomics education Kristie Sweeney
1130	NOBLE registry for 99mTc-iPSMA Peter Tuilly	202 Professional Certification - Embrace the present to shape your future Min Ku	127 Chemo-Radiotherapy Induced Haematological Toxicity: The Implementation Catalyst for Bone Marrow Sparing Gynaecological Radiotherapy Gemma Busuttil	45 Quality of x-ray request form information for acute shoulder injuries at an Australian tertiary hospital Mark Metcalfe	77 Development of an online clinical placement assessment for Medical Imaging students Susan Said
1145		33 Assessment of Workplace Learning in MRS: Why? What? How? Andrew Kilgour	169 Points in the Matrix: Can plan metrics inform automated planning models and enhance planning pathways? Laura Baker	104 Anti-scatter grid versus scatter correction software in digital radiography of the adult pelvis Greg Trypis & Lauren Elliott	163 Shaping the future through education: identification of urgent findings Kristal Lee
1200	Establishing a theranostics program : US perspective Dmitry Beyder	20 Adolescent and Young Adult (AYA) RT Specialist-The way of the future Danielle Duff	26 Histology classification based on radiomics for non-small cell lung cancer patients using artificial neural network Eva Y W Cheung	22 Championing change: improving Emergency Department efficiencies by determining unnecessary representations to the Medical Imaging Department Hannah To & Michael Neep	10 The diagnostic accuracy of computed tomography and ultrasound for acute appendicitis Elio Arruzza
1215		MRPBA	53 Deep learning-based metal artifact reduction in CT scans for ultrasound-guided cardiac radioablation Sathyathas Puvanasunthararajah	96 Providing patient centred care as Medical Radiation Practitioners to children in out of home care Gary Denham	165 AngioCT - The new normal for Interventional Radiology Carmel Mcerlean & Samantha McKay

1230 LUNCH

1300 PLENARY SESSION

1300 CLOSING CEREMONY

Invited Speakers - An evolving scope of practice - UK Perspective - **Beverly Snaitth**
 What does the future look like in MRS? - **Christina Malamateniou**
 Next gen tech needs next gen techs; frontiers in education - **Geoff Currie**
Panel Discussion

1500 CONFERENCE CLOSE



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