

WORKSHOP SCHEDULE THURSDAY 27 MARCH 2025

ZUZO DIVERGENCE • CONV	ERGENCE / OPPORTUNITIES + FOCUS							
ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6			
REGISTRATION DESK OPEN								
Workshop	Workshop	Workshop	Workshop	Workshop	Workshop			
Radiography Realignment: Bridging the Gap with Clinical History-Based Imaging Ryan Tam Morning Tea Pain Science in Radiography Practice: Considerations and Applications for Person-Centred Care Kate Dahlenburg & Sophie Shephard	ASMIRT Person Centred Care Emma Terbeeke & Kim Hayward	Musculoskeletal X-Ray Image Interpretation Johnathan Hewis & Michael Fuller	Innov-Al-tion: Focus on Practical Applications and Quality of Artificial Intelligence for Radiation Therapists Meegan Shepherd, Kenton Thompson, Cathy Hargrave, Scott Jones, Julie O'Shaunghnessey	Building a Learning Culture Jessica Watson, Adam Steward, Katrina O'Keefe, Steve Lacey, Tom Steffens	Critical Conversations in Medical Imaging Prof Jenny Sim, Dr Andrea Doubleday, Dr Tracey Pieterse			
Lunch Break								
l've got an idea! Getting started in research and developing a project protocol Elizabeth Brown & ASMIRT Research Committee Afternoon Tea Turning your project into a publication – it's easy when you know how (JMRS) Cherry Agustin, Elizabeth Brown, Paul Kane, Karen Dobeli, Sibusiso Mdletshe	Anaphylaxis Recognition and Management Workshop Scott Cooper	Orthopaedics for Fourth Generation Radiographers Michael Fuller, Dr Andrew Kurmis, Dr Nick Woznitza, Mick Patrick, Calvin Fancett	Proton Therapy Workshop ASMIRT Particle Therapy Reference Group (PTRG)	Clinical Education, Supervision, and Assessment A/Prof Andrew Kilgour, Dr Natalie Pollard, Karim Yacoub	Enhancing Your Leadership – The Role of Coaching, Mentoring, Self-Awareness, and Storytelling Donna Markham OAM, Sponsored by MRPBA			
Close								



Room 2

Diverging Imaging (MI)

the Necessity of CT Imaging - Dania

89 Comparison of X-ray and

64 Paediatric Brain Computed

Abu Awwad

Room 1

Particle Therapy (RT)

Proton Therapy Overview - Anita

142 Providing culturally safe cancer

Land - Emily Hearnden

regulator? - Susan Calvert

care on-country in North East Arnhem

301 Te Tiriti: What does it mean for a

9 Preliminary image evaluation

prospective study - Kim Lewis

304 Utilisation of radiographer

comments to reduce errors in the

radiology department - Allie Tonks

performance of radiographers in one

New Zealand District: a six-month

Invited Speaker

Mahajan

PROGRAM OUTLINE FRIDAY 28 March 2025

Head and Neck Cancer - Katherine Reeve | education - Andrea Doubleday

Room 3

X-Ray (MI)

Invited Speaker

Subsequent CT Scan Findings: Assessing Orthopaedics - Andrew Kurmis

Room 5

Education

The development of personal and

professional skills in medical imaging

Room 6

Room 7

Student Conference

Opening & Welcome

REGISTRATION DESK OPEN

Room 4

ASMIRT/NZIMRT 2025 OPENING PLENARY

Keynote Craig Rispin AI in Medical Imaging and Radiation Therapy: Current Innovations and Future Potential

Morning Tea

Advanced Practice (RT)

Increasing Radiation Therapists scope of

practice - Lymphoedema therapy for

	64 Paediatric Brain Computed Tomography Practices Across Australia - Amanda Perdomo					Speaker Sapkaroski
	Invited Speaker Dr Egon Perilli / Dr Sophie Rapagna (Micro-CT Lab - Flinders Uni)	158 Can X-Ray Markers Improve the Work Day? Fostering Individuality to Enhance Workplace Culture - Sarah Griffith		288 Empowering radiographers for research: Developing a research culture in undergraduate students - Therese Gunn	illvited	Speaker Brown
TBA - Invited Speaker		Assessment - Adam Steward	107 Developing A Patient-Centric Approach in Geriatric Oncology: Opportunities for Advanced Practice Radiation Therapist (APRT) - So Hing Wendy Hoy	33 Training future radiographers through simulation in the undergraduate medical imaging curriculum - Renee French	281 Magnetic resonance guided radiation therapy (MRgRT) prostate motion and margins - Sammi Peng	52 Ergonomic Strategies for Reducing Musculoskeletal Injuries Associated with Long-Term Lead Gown Usage - Tehnan Shah
TBA - Invited Speaker	Invited Speaker Anthony Skeats (Micro-X)	278 Picture This: Radiographer Vetting to Reduce Inappropriate Imaging for Low Back Pain - Kate Dahlenburg	75 Where divergence meets convergence: the development of a Breast Advanced Practice Radiation Therapist role - Anelyn Chui	38 Enriching radiography education for the operating theatre through computer-based simulation - Elio Arruzza	173 Evaluating the Role of Functional MRI in Glioma Radiotherapy: A Review - James Rohan	80 Diagnostic Imaging for Autism - Slawomir Dziemborowicz
104 Providing innovative particle therapy learning opportunities in undergraduate radiation therapy education - Julie Burbery		Rules at a tertiary facility: a opportunity for improvement - Alexzandria Wilson			153 Stereotactic MRgRT vs. conventional radiotherapy: Improving outcomes for primary liver cancer patients - Jesse Fayers	192 Are Australasian sonographers withholding transvaginal ultrasounds from non-sexually active adults? - Doyoun Kim
			Lunch			
Varian Award Session	Advancing Practice (MI)	Artificial Intelligence (RT)	Patient Journey	Al in MRI (MI)	Student Conference - RT	Student Conference - MI
	Invited Speaker A reflection on Advanced Practice in the UK - Nick Woznitza	213 Opportunities and learnings through network-wide standardisation of AI contouring across 33 departments - Aidan Leong	_	assisted diagnosis of knee pathologies and injuries: A systematic review -	Invited Speaker Opportunities and risks of generative AI to support information needs of cancer patients undergoing radiation therapy	
Varian Award Winner Presentation		delineation - Miriam Edwards	189 Enhancing Patient Care through Soft Skills: A Scoping Review in Medical Radiation Science - Bismark Ofori- manteaw	8 Money for Nothing: The AI Discount in MRI - Cameron Brown	135 Optimizing Radiation Therapy for Prostate Cancer: A Comprehensive Review of Efficacy and Genitourinary Toxicities - Lily Stein	179 A qualitative analysis of the lived experiences of gender diverse Australians with transvaginal ultrasound - Caitlyn Wilke
254 Clinical Experience on a Halcyon LINAC with the HYPERSIGHT Imaging System - Sarah Hauville	Invited Speaker Advanced Practice - Sue Calvert		Tongue in cheek - A patient perspective on oral cancer - Daniel Johnstone	MRF signals to identify microstructural differences in human grey matter -	157 Gaited stereotactic body radiation therapy for pancreatic cancer: effectiveness, outcomes, and alternatives - Jacob Clarke	187 Putting the Best Foot Forward for Medial Oblique Foot X-rays - Sophie Galea
Arc Therapy for Nasopharyngeal	280 Changing topography in Medical Imaging: time for a paradigm shift for radiographers? - Jenny Sim	22 Follow up PSMA PET scans for patients treated with SBRT for oligometastatic prostate cancer - Mikaela Dell'Oro		fat estimation using an unsupervised	302 Enhancing Placement Experiences: Shining Light into Student Clinical Satisfaction - Corey Cleijne	84 What is cultural trauma and how does it inform care for refugees? - Maddison Franks
response and toxicity in NSCLC patients	Invited Speaker Patient Deterioration – Recognition and Response. A simple and systematic approach for MRPs - Scott Cooper			ASMIRT's Position on AI in Medical Imaging and Radiation Therapy -	Invited Speaker Do modern techniques reduce cardiac mortality associated with breast radiation therapy?	191 Brightening the Shadows – Advancements in Contrast-Enhanced Ultrasound for Early Detection Opportunities for Hepatocellular Carcinoma - Diya Patel
113 A Comparative Analysis of Dosimetry and Treatment Times for Two Novel Radiation Therapy Delivery Systems - Sophie Hardie		TBA - Invited Speaker			111 Respiratory Gating in Radiation Therapy for Early-Stage Hepatocellular Carcinoma: Impact on Local Toxicity - Lauren Tully	190 Novel Deep Learning Approach for Accurate and Efficient Liver Fat Quantification using Chemical Shift- Encoded MRI - Lily Yuan
			Afternoon Tea			
Cultural Considerations	Image Interpretation (MI)	SGRT (RT)	Opportunities (RT)	MRI (MI)		ence - Combined
Tino Rangatiratanga in Action - Lisa Te Paiho & Jamaine Fraser	159 Who is getting on the bus?: Stakeholder survey analysis for a multi- site radiographer comment pilot - Ingrid Klobasa	Surface Guided Radiation Therapy -	11 Perceived barriers and facilitators affecting utilisation of radiation therapy services: Scoping review findings - Leah Cramp	Invited Speaker Angela Walls	106 Enhancing Radiographer-patient communication: the role of health literacy in diagnostic imaging - Ayusha Salgaonkar	
	85 Step One: Preheat the Oven - Establishing Radiographer Baselines prior to Implementing a PIE Program - Ryan Shaw	Therapy with Surface Guided Radiation Therapy - Alice Oliver			and sonographers and why? - Cornas Lir	
TBA - Invited Speaker	70 Embedding Radiographer image interpretation into electronic medical records (EMR) of a major metropolitan quaternary centre - Kirsten Connolly	Guided Radiation Therapy on Upper Extremity Patients: A Retrospective Analysis - Emmaline Cher Chin Yeoh	at-Risk Contouring in the AI-Driven Era - Crispen Chamunyonga	echogenicity predict the appearance of nigrosome-1 on susceptibility-weighted MRI? - Shayne Chau	276 Medical Imaging and Radiation The Perceptions of Rural Graduate Practice i	
	l <u> </u>	shoulder immobilisation and	228 Annual Dose Audit of CT Simulation Scanning in Radiation Oncology - Sarah Collins	231 Mechanistic insights into chronic cough from imaging of the brain - Aung Aung Kywe Moe		

72 Marked for Care: Patient perceptions

of Tattoos during Radiation Therapy -

297 National survey to measure

region of interest guidelines for Surface Australian Radiation Oncology Workforce MRI - new workflows and clinical

practice, preparedness and preferences

for genomic medicine - Giulia Mccorkell

177 Infection Prevention and Control in

Practices and Educational Approaches -

299 Ultralow field mobile point-of-care

Career Pathways Forum

Student Conference Closing

MRI: A Scoping Review of Clinical

applications in neurocritical care -

Frances Gray

Andrew Dwyer

Envisaging and evolving towards a

46 ROI Refinement: a review of pelvic

Guided Radiation Therapy - Millie

maskless environment in radiotherapy - Felicity Hudson

285 Unmasking Radiotherapy:

Zeb Carvalho

Taylor-Brown



PROGRAM OUTLINE SATURDAY 29 March 2025

Room 2 Room 3 Room 4 Room 5 Room 6 Room 1 **RUN/WALK/YOGA REGISTRATION DESK OPEN** SPONSOR BREAKFAST SESSIONS - TBC Planning (RT) **Lung Cancer Screening Clinical Education** Patient Care (RT) **Research Focus Interactive Session** 293 Advancing Total Body Irradiation (TBI) out of the 94 Making Students Bloom: Cultivating Critical **Invited Speaker** 31 Australian National Lung Cancer Screening 56 Developing a Medical Imaging Department **Invited Speaker** Thinking with Better Questions in Radiography box - Julie Han Program - Alan Malbon Research Plan - what does the convergence of Patient care and compassion in radiation therapy Integrating AI into Everyday Practice: Practical Education - Nick Maddock literature say - Christopher Hicks Applications for Healthcare Providers - Craig Rispin Amy Hancock 262 Red Bone Marrow Segmentation Strategies with 10 Enhancing Medical Imaging Clinical Education with 26 A qualitative study exploring access to research 2-point Dixon MRI - Michaela Beavan a Student Tutorial Program: A Continuous opportunities in radiation therapy: Transparency and infrastructure - Rachael Beldham-Collins Improvement Approach - Christopher Parsons 259 Functional Imaging Guided Salivary Gland Sparing 237 Coaching in Clinical Education - Katrina O'Keefe 271 Integrating Precision Medicine into Clinical 34 Understanding the barriers and enablers to Radiation Therapy: Diverging from the assumption of Practice: Enhancing Patient-Centered Care in evidence-based practice change in diagnostic uniform function - Katelyn Cahill Radiation Therapy - Tania Twentyman radiography - Laura Di Michele 13 Research from a Practitioner's Perspective: Why 272 How to Save 366 Clicks: Optimizing Workflow 114 The Clinical Educator role in medical imaging 296 The Role of the Radiation Therapist in Cancer Efficiency through an Automated Plan- Ready Solution departments across Australia - a snapshot - Greg Survivorship – Results of an Australian Survey -Bother? - Kim Lewis TBA - Invited Speaker - Lauren Natoli Mary-Ann Carmichael Trypis 214 VMAT integrating static angle ports and dynamic 45 Navigating a research doctorate: A transformative 41 Bridging Generational Gaps: Fostering 133 Less is more: reducing reliance on portable collimator rotation: training needs for a new modality Communication and Collaboration in a Multiultrasound in pelvic radiotherapy by improving journey - Johnathan Hewis Aidan Leong Generational Healthcare Workforce - Jessica Watson patient compliance - Georgia Busuttil 311 Does preceptorship support being and becoming 243 Impact of Immersive VR Coaching on Mask-40 So, you want to be an academic? - Andrew Kilgour 186 Reflection on Six Years Experience in Simulation-Related Anxiety in Head and Neck Cancer Patients: Free Palliative Radiation Therapy: Lessons Learnt and a diagnostic radiographer? - Jane Harvey-lloyd Clinical Insights - Shelley Wong Phase-II-Results - Daniel Sapkaroski **Morning Tea ASMIRT AGM Invited Speaker** Radiology Across Borders - Suresh de Silva Keynote **Lauren Parsons Invited Speaker** Radiology Across Borders Lunch CT (MI) **Convergence (RT) Breast Imaging (MI) Patient Stories** Inclusion **Interactive Session Invited Speaker** 282 Cone Beam Breast CT: Beyond Compression - the 82 Embracing Diversity: Integrating Inclusion into 161 Ray-Actions and Opportunities: Focus on Team **Invited Speaker** Invited Speaker The Patient and the PhD - How stories of lived Photon Counting CT Australian experience - Kelly Spuur Curricula - Angelina Piccolo Culture in a Regional Radiation Therapy Facility -Lauren Parsons Charlotte Skidmore experience can enhance healthcare - Daniel Johnstone 172 Contrast Enhanced Mammography - The new kid 96 Barriers to, and disparities in, cancer care for 218 Peer Group Supervision : An opportunity to on the block! - Janine Hearn sexual and gender minorities: a literature review provide peer support to Radiation Therapists -Nicole Mccarthy Natalie Coburn 16 Characterisation of calcium calculi in the presence 269 Potential of MRI in Assessing Treatment 308 Autistic Children and their Parents' Experience of 136 Remote Realities: Converging flexible work of iodinated contrast using spectral CT: phantom Response After Neoadjuvant Radiation Therapy in Diagnostic Imaging - Jane Harvey-lloyd opportunities in radiation therapy for remote study - Katherine McCoombe Breast Cancer - Ayyaz Qadir professionals - Emily Hearnden 148 Multiple-methods evaluation of Digital Story-100 Co-production of novel intervention for 166 Improving the linguistic diversity of research 305 Keeping up with the play - the undergraduate Telling in medical radiation science education - Kylie mammographic screening service delivery staff participants in medical radiation sciences - Cherry dosimetry seesaw - Mel Pitchford Auld targeting obesity-related barriers to screening -Agustin Elizabeth Dzidzornu 253 Survivorship Care for Rural Cancer Patients and 291 CTPA vs VQ Scanning in the Pregnant Patient, and 162 Wires, clips or seeds? Image-guided breast lesion Invited Speaker 25 Creating an online Planning Handbook: Converging the Role of Radiation Therapists: A Scoping Review -Methods to Optimize CT Scanner Technologies localisation in Aotearoa, New Zealand - Heidi Advocacy for patient and public involvement in all the planning processes into one focussed location **Brandon Mooney** Rosanna Crain Bridgitte Evans Bowmast research - Amy Hancock 132 A Narrative: Behind The Face of a Patient - Jennie 169 Enhancing CT Imaging: Localiser Radiographs' 298 United Nations Accredited Training: advancing radiation oncology skills through shared knowledge **Barnes** Role in Reducing Radiation Dose and Optimising Image Quality - Yazan Al-Hayek Yolanda Surjan **Afternoon Tea Student Prize Winners Student Prize Winners (MI) Professional Practice** Paediatrics (MI) **Patient Focus Interactive Session** (NM/RT) When Less is More: Lessons from the Iodinated Where's Wally, the prostate lesion? - Mr Giang Ngo 174 Effects of trauma mattress on dose and image **Invited Speaker** Contrast Shortage - Monique Lim (QLD) (Vic) quality of paediatric whole-body computed Paediatric Focus - Anita Mahajan tomography examinations - Jacob Leonard Ago From DVT to a Complex Diagnosis: A Patient's Journey Dosimetric comparison of proton versus photon 197 Re-evaluating chest x-ray protocols for intubated Through Advanced Imaging and Integrated Care - Mr radiation therapy for left-sided breast cancer - Mr neonates at a tertiary hospital: closing the evidence-Tadiwa Danha (Vic) practice gap - Olivia Brown Long Huynh (SA) Comparing Twice Daily vs. Once-Daily Radiation Development of a 3D-printed chest phantom with 211 Paediatric Imaging: Sharing techniques and Invited Speaker lung nodules for studying low-dose CT protocols - Mrs Therapy for Limited-Stage Small-Cell Lung Cancer: A concepts focusing on family centred care to improve Cancer Nurses Society of Australia (CNSA) Jenna Silberstein (WA) Contemporary Analysis - Ms Lillian Keating (NSW) patient experience - Fiona Franklin MRPBA, MRTB, Adaptive Radiation Therapy and Advanced Practice: ASMIRT, NZIMRT What are the current clinical applications of Artificial Use of spatially fractionated GRID radiotherapy as **Invited Speaker** Invited Speaker Bridging Theory and Clinical Excellence Panel Discussion Small Humans, Big Challenges: Paediatric Elbows Intelligence in Point-of-care ultrasound - Junu Kim treatment of advanced bulky tumors -The use of laser therapy for patients with xerostomia Don't Come with Instructions - Andrew Murphy Ms Phimphakan Ropkhop (Vic) Katherine Reeve 222 Investigating Variation in the Impact of Evaluation of surface guided radiation therapy versus The Educational Effectiveness of Novel Sonography Phantoms for Radiography Students: A Mixed tattoo-based positioning for treating tumours in the Deodorant Application on Mammography Outcomes: chest - Grace Wright (QLD) A Pilot Study - Rosie Turnbull Methods Study - Mr Jad Boutros (NSW) How MED RADical is Informing and Engaging Medical 62 Will the cream affect the beam? - Peter Caldwell 140 Undergraduate Medical Imaging students' Radiation Science Students in their Profession - Miss perceptions of the financial impact associated with Work Integrated Learning Study - Vicki Braithwaite Ruby Holman (SA) **SATURDAY GALA DINNER - Adelaide Convention Centre**



PROGRAM OUTLINE SUNDAY 30 March 2025

Room 1	Room 2	Room 3	Room 4					
REGISTRATION DESK OPEN								
Workforce Considerations	Mammography (MI)	Divergence (RT)	Student Experiences					
Invited Speaker Workplace bullying in healthcare - Andrea Doubleday	TBA - Invited Speaker	193 What Impacts an Individual's Ability for DIBH and How a DIBH Screening Tool Can Help - Kath Dower	50 Evaluation of medical radiation undergraduates' clinical experiences with challenging interactions: A study protocol - Jacob Leonard Ago					
	• • • • • • • • • • • • • • • • • • • •	141 Straightening the patient outside the treatment room: Improving reproducibility in the Simulation-Free Radiation Therapy Workflow - Toby Lowe	146 Emotional Intelligence and Empathy in Radiation Therapy Students: A Cross-Sectional Study - Debra Lee					
115 A Convergence of Need and Opportunity: Are Trainee Radiographers a Win-Win solution? - Tom Steffens	_	· · · · ·	37 Oral presentations as a means of assessment - Andrew Kilgour					
		201 Mobile CT imaging: A focus on skin Brachytherapy opportunities - Matt Fairbairn	76 The transition to practice experiences of Australian radiation therapist graduates - Kristie Matthews					
55 Exploring the Experience of Conference Convening in Medical Radiation Sciences: A Collaborative Autoethnography - Johnathan Hewis	Mammography Practice (CMP) - Kelly Spuur	202 Pre-operative Gamma Knife Stereotactic Radiosurgery for Brain Metastases - Fiona Page	127 The rural vision: Opportunity knocks for Medical Imaging undergraduate students - Catherine Lyman					
20 5 Spices & 5 Seasonings: Journey to Becoming a Well-Marinated Radiographer - Jenny Han		1	49 Enhancing students' professional capability development: A review of challenging clinical interactions for medical radiation undergraduates - Jacob Leonard Ago					
	M	lorning Tea						
Leading Change	Artificial Intelligence (MI)	Adapting (RT)	Radiation Dose (MI)					
Invited Speaker Exploring the notion of self-care for health professionals - Andrea Doubleday		286 Advancing Online Adaptive Radiation Therapy in Australia and New Zealand: Radiation Oncology Alliance Working Group - Meegan Shepherd	Invited Speaker Radiation Dose Protection - Robert Gaggini					
		103 Optimising patient positioning for accelerated partial breast radiotherapy for the Magnetic Resonance Linear Accelerator - Jenna Dean						
204 Glass ceilings and sticky floors. Radiography- a renovators delight - Sally Bellchambers	66 Is there a difference between AI-generated reports compared to radiologist reports for portable chest X-rays? - Steve Pham	cancer patients with skin-couch contact on the MR-	102 Quantifying Dose Changes Required for the Use of Varying Grid and Scatter Correction Strategies Amir Zobeiri					
149 Radiology's Environmental Impact: A Scoping Review - Tarni Nelson		Head and Neck Cancer Replanning in a Regional	245 Why not Zero? Unpacking the Technical Variables Shaping Deviation Index (DI) in Medical Imaging - Paul Kelly					
108 Captivating conferences: Mastering the art of engaging presentations - Steve Lacey			43 Radiation dose to staff during surgical theatre and mobile x-ray imaging: know where you stand - Elio Arruzza					
274 Navigating Professional Norms and Policy in Medical Radiation Practitioners' Use of Medicines - Gordon Mander		294 Adapt or Die: Overcoming Barriers to Pelvic Online Adaptive Radiotherapy for Pelvic Cancer - Meegan Shepherd	255 The use, benefits and challenges of scatter correction technology in digital x-ray imaging - Katrina O'Keefe					
		Lunch						
		osing Plenary						

Closing Plenary

Panel Discussion: The Role of AI in Medical Imaging and Radiation Therapy: Expert Insights
Facilitated by Craig Rispin

CONFERENCE CONCLUDES