



INNOVATION *through* INGENUITY



NZIMRT CONFERENCE 2013
29 AUGUST - 1 SEPTEMBER
CLAUDELANDS EVENT CENTRE



9. SCIENTIFIC PROGRAMME (continued)

Venue	Heaphy 1 & 2	Brooklyn 1	Brooklyn 2	Brooklyn 3	
	Plenary and Diagnostic	Workshops	Radiotherapy	MRI	
Sat 31st Aug Registration – 07:00 on MORNING		GRIMSHAW Kareen 07:30-08:30 WORKSHOP How to publish in a journal	HOLOGIC - 07:30-08:30 Breast Tomosynthesis, Technology, Benefits And Further Applications		
	DUXBURY Angela Fit to Practise 08:30-09:15 Editor-In-Chief / Journal of Radiotherapy in Practice		HERST Patries 09:15-09:35 The Cystitis Trial		
	HENWOOD Suzanne 09:15-09:45 How Medical Imaging Is Contributing To Leadership Development: mBIT And The Discovery Of Multiple Brains		BAIRD Catherine 09:35-09:45 Sexuality After Prostate Cancer Rx		
	McCULLOCH Bruce 09:45-10:00 MRT Initiatives Great And Small		TSE Karen 09:45-10:05 Patient and Staff Assessment of an Audio Visual Education Tool for Head & Neck Radiation Therapy		
	Hamilton Radiology & Midland MRI Morning Tea, Trade Hall 10.00 – 10.30				
	ALLEN Berry 10:30-10:50 The Art Of Ultrafast Semiconductor Cardio- Centric Scanner Technology		ANZMRRN 10:30-10:45 Australia And New Zealand Medical Radiation Research Network	LYDON Anna-Marie 10:30-10:50 Evaluation Of QISS - Non-Contrast Enhanced MRA Technique	
	VASUDEVAN Thodur 10:50-11:10 Hybrid Procedures And Concept Of Hybrid Labs	HOGAN Kathy 10:30-11:15 WORKSHOP - Theatre	PRIESTLEY Rebecca 10:45-11:15 Mad On Radium: Medical Radiation In Early 20th Century New Zealand	LEEPER Gareth 10:55-11:15 Arthro Hips With Traction	
	TRAN Ngon My 11:10-11:30 Robotic Positioner System And CT Procedures			MAYNE Sue 11:15-11:35 MR Guided Breast Biopsy	
	WEILERT Frank 11:30-11:45 Endoscopic Ultrasound: Window To The Body From The Inside	Heaphy ←	ROWBOTTOM Carl 11:15-12:00 Innovation In A Safety Conscious Culture	COLLINS Sally-Anne 11:35-11:55 Ca Endometrium	
	MATHESON Kathy 11:45-11:55 HSG. Sonohysterography Extended Practice			Next MRUG 11:55-12:00 ? MRI "SAFE" Pacemakers	
Lunch, Trade Hall 11.55 – 12.55					

2.30 – 2.45

“Point Of Difference” - Interview Skills For Students

Sally MCMILLAN. Waikato DHB, NZ

An interactive session for students to establish their point of difference from other students when applying for the first MRT job as a new graduate. There will be discussion regarding how students can sell themselves, and how to prepare for an interview, with discussion around how to answer typical questions appropriately.

Afternoon Tea

Trade Hall

2.45- 3.15

Brooklyn Room 3

Workshops

3.15 – 4.00

PICC Lines & The Role of Radiology Nurse

Bronwyn SHAW, Waikato DHB, Hamilton

4.05 – 4.50

Theatre Workshop

Kathy HOGAN, Waikato DHB, Hamilton

Students –

- DHS
- Resources
- Questions / Answers

Qualifieds / Students

- Pedicle Screws
- Trigeminal Nerve Decompression

- Distal Locking Screws
- Shoulders
- Angiography

How to get the most out of the Pulsera.

Saturday 31st August

Plenary and Diagnostic

8.30 – 9.15

From Practice to Publishing

Angela DUXBURY

9.15- 9.45

How Medical Imaging Is Contributing To Leadership Development: mBit And The Discovery Of Multiple Brains

Suzanne HENWOOD, Grant SOOSALU and Marvin OKA. Unitec, mBraining International

mBIT (multiple Brain Integration Technologies) is a fascinating, new and world leading development in leadership, both in leadership development approaches and in our understanding of what leadership is and how it can be maximised. Developed by Grant Soosalu and Marvin Oka in Australia, but delivered first in New Zealand, mBIT offers new insight into how we can optimise both leadership and personal success.

Neuroscience over the last ten years has radically changed our knowledge of the human body – both its structure and its functioning and medical imaging (in particular fMRI) is at the forefront of much of that work. It seems wholly appropriate then that as a profession we

look at the applications of that knowledge as new fields emerge and evolve.

This paper will present some of the neuroscience findings and share with you some fascinating facts about your three brains (head, heart and gut), raising your awareness of a whole new field that you can go on to explore in greater depth after the conference.

Leadership literature is littered with calls for the need for a new approach to leadership. The increasing complexity of society and the rapid pace of change is challenging leaders to look at how they can be even more adaptive and how they can generate followers in an increasingly negative and demanding world. mBIT offers some tools and techniques to complement existing leadership styles, to transform leadership in practice.

This paper will share with you current and leading edge thinking of one aspect of leadership development.

9.45 – 10.00

MRT Initiatives Great And Small

Bruce McCULLOCH, Waitemata DHB, Auckland DHB, Portable x-ray

MRT work involves a great balance of theory and practice. Right from the outset of our careers, we actively accumulate professional knowledge and learn work skills demonstrated by our tutors, mentors and colleagues.

This process continues in a way that we can all share and learn from each other.

In our daily work there are often processes, work practices or equipment that we can improve, for the benefit of our patients, personnel and workplaces.

Sometimes we will conceive ideas that can have significant impact.

This general and mobile radiography presentation will

- discuss a number of initiatives that MRT's have been involved in
- describe how they were conceived, approved and introduced to the workplace
- suggest some ideas for future attention
- challenge you to look at your workplaces with new enthusiasm

Morning Tea

Trade Hall

10.00 – 10.30

10.30 – 10.50

The Art Of Ultrafast Semiconductor Cardio-Centric Scanner Technology

Berry ALLEN. Waikato DHB, NZ

For clinical imaging, the sodium Iodide based detector Anger, or Gamma camera has been the technology available in Nuclear Medicine for the last 50 years, with the addition of Single Photon Emission Tomography (SPECT) facilities introduced 25 years ago.

Small field of view semiconductor detector imaging technology is now being introduced into molecular imaging in the form of the cardiac-centric scanner, resulting in the potential for improved image resolution, faster scanning times, and significantly reduced administered patient radioactive doses.

Semiconductor technology has provided the opportunity long awaited in the molecular imaging field, for the introduction of dual isotope imaging facilitating significantly faster procedure times reduced from the previously many hour to typically one hour, allowing for improved patient journey.

Based on the small field of view detector design and configuration, the author is also