

# Faculty of Radiologists Combined Spring Meeting

24<sup>th</sup> - 25<sup>th</sup> April 2015, Maryborough House, Cork

‘Diseases and Dilemmas’



**CPD Credits awarded**

Day 1: 5.75 external credits

Day 2: 3 external credits

## Friday 24<sup>th</sup> April

08:30	Registration & Coffee
08:50	Welcome Address: Prof. D Malone, Dean
09:00	Organ System Dilemmas
10:30	Coffee, meet the sponsors, poster session
11:00	Diffuse Diagnostic Dilemmas
12:30	Lunch
14:00	Disease specific Dilemmas
15:30	Coffee, meet the sponsors, poster session
16:00	Practice Dilemmas
17:15	End
19.00	Drinks reception followed by dinner at 20.00

## Saturday 25<sup>th</sup> April

08:30	Registration & Coffee
09:00	PBL/Audit
10:30	Coffee, meet the sponsors, poster session
11:00	Pearls and Pitfalls in Musculoskeletal Imaging
12:30	End

# FRIDAY APRIL 24<sup>th</sup>

08:30	Registration & Coffee	
08:50	Welcome Address	Prof. D. Malone, Dean, Faculty of Radiologists
09:00	Organ System Dilemmas	Moderator: Dr. P. Cunningham / LMHG
09:00	Dr. D. Sheppard / GUH	Thyroid Nodules: What to do?
09:20	Dr. R. McDermott / SJH	Management of Lung Nodules
09:40	Prof. M. Maher / CUH	Abdominal CT and Radiation Exposure: Who is at risk? What can we do?
10:00	Dr. A. Cahalane / SVUH	Cystic Pancreatic Lesions: Which Guideline?
10:20	Panel Discussion	
10:30	COFFEE	Meet the Sponsors, Poster Session
11:00	Diffuse Diagnostic Dilemmas	Moderator: Dr. L. Lawler / MMUH
11:00	Dr. H. Delaney / AMNCH	Marrow Abnormalities in Adults
11:20	Dr. C. Bogue / CUH	Marrow Abnormalities in Children
11:40	Dr. H. Delaney / AMNCH	Diffuse Pulmonary Parenchymal Disease
12:00	Dr. N. Fanning / CUH	Diffuse White Matter Disease
12:20	Panel Discussion	
12:30	LUNCH	Meet the Sponsors, Poster Session
14:00	Disease-specific Dilemmas	Moderator: Prof. P. McCarthy / GUH
14:00	Dr. S. McEvoy/Beaumont	Adult Cystic Fibrosis: Is this extrathoracic finding part of the disease?
14:20	Dr. P. Brennan / Beaumont	Acute Stroke Imaging: What the General Radiologist Needs to Know and Do
14:40	Dr. R. Ryan / SVUH	LI-RADs: Why is it helpful? Where do I find it? How do I use it?
15:00	Dr. D. Murphy / MMUH	Diagnostic Dilemmas in Cardiac Imaging
15:20	Panel Discussion	
15:30	COFFEE	Meet the Sponsors, Poster Session
16:00	Practice Dilemmas	Moderator: Dr. M. Ryan / CUH
16:00	Dr. J. Feeney / AMNCH	Open Disclosure 2015: Guidance for Radiologists
16:20	Ms. Louise Casey/ RCPI	Quality in Healthcare
16:40	Dr. J. Feeney / AMNCH	Radiology National QI Programme: 2015 Update
17:00	Panel Discussion	
17:15	END	

# SATURDAY APRIL 25<sup>th</sup>

08:30	Registration & Coffee	
09:00	PBL/Audit	Moderator: Prof. D. Malone / SVUH
		Critically Appraised Topics
09:00	Dr. A. Diamond / NI	Cervical spine clearance in obtunded adults: is an MRI necessary?
09:09	Dr. S. Culleton / GUH	Oral contrast in abdominal trauma
09:18	Dr. J. Walsh / SJH	When is MRI of the cervical spine indicated in trauma patients with normal CT?
09:27	Dr P. Nicholson/CUH	Does the use of Perfusion CT improve outcomes in adult patients undergoing treatment for ischaemic stroke?
		Audit Talks
09:36	Dr. P. Navin / GUH	Adequate storage of lead gowns in a radiology department
09:45	Dr. D. Mitchell / MMUH	Breast dose of CTPA in pregnancy
09:54	Dr. J. Walsh / SJH	Lumbar spine radiography for low back pain - adherence to evidence based guidelines
10:03	Dr. E. Stanley / MMUH	The average time from door to CT for FAST positive patients in our hospital
10:12	Dr. J. Sheehan / GUH	Gonad shielding in the paediatric patient
10:30	COFFEE	
11:00	Pearls and Pitfalls in Musculoskeletal Imaging	Moderator: Dr. J. Bruzzi / GUH
11:00	Dr. P. Cunningham / LMHG	Imaging of muscle injuries
11:20	Dr. P. O'Sullivan / Bon Secours Cork	Tumour Imaging
11:40	Dr. P. Cunningham / LMHG	Ankle Imaging
12:00	Dr. L. Spence / CUH	Imaging of the knee
12:20	Panel Discussion	
12:30	END	

## POSTER DISPLAY LIST

### Display No. 1

***How reliable is intra-operative specimen radiography in determining tumour margin clearance in breast-conserving surgery?***

C. Crowley, M. Brookes

Department of Radiology, Fremantle Hospital & Health Services, Fremantle, Western Australia

### Display No. 2

***Usual and Unusual patterns in V/Q SPECT***

M. Yeung, J. C. Clarke & W. P. Murphy

Department of Nuclear Medicine, Belfast Health and Social Care Trust, Royal Victoria Hospital

### Display No. 3

***Reduction in brown adipose tissue uptake in 18F-FDG PET/CT following the introduction of a patient warming protocol***

N. M. Hughes<sup>1</sup>, P. Murphy<sup>2</sup>, M. Moore<sup>1</sup>, K. O'Regan<sup>1</sup>

<sup>1</sup>Department of Radiology, Cork University Hospital, Wilton, Cork

<sup>2</sup>PET/CT Unit (Alliance Medical), Cork University Hospital, Wilton, Cork

### Display No. 4

***Imaging characteristics of high grade (Gleason 8-10) prostate adenocarcinoma: a pictorial review***

N. M. Hughes<sup>1</sup>, F. M. O'Brien<sup>2</sup>, N. Mayer<sup>3</sup>, J. Buckle<sup>1</sup>, K. N. O'Regan<sup>1</sup>

<sup>1</sup>Department of Radiology, Cork University Hospital, Wilton, Cork

<sup>2</sup>Department of Urology, Cork University Hospital, Wilton, Cork

<sup>3</sup>Department of Pathology, Cork University Hospital, Wilton, Cork

### Display No. 5

***The MRI appearances of breast implant rupture***

D. Graham, J. E. Barry, N. Marshall, L. Duddy, M. F. Ryan

Department of Radiology, Cork University Hospital, Wilton, Co. Cork

### Display No. 6

***Incidental pulmonary emboli in CT surveillance of oncology patients; comparison of segmental versus single pass protocols***

K. McGlynn<sup>1</sup>, K. Richards<sup>1</sup>, K. Aitken<sup>1</sup>, T. Allwood<sup>1</sup>, C. Walsh<sup>2</sup>, N. Sheehy<sup>1</sup>, E. A. Joyce<sup>1</sup>

<sup>1</sup>Department of Radiology, St James' Hospital, Dublin 8

<sup>2</sup>Department of Medical Physics and Biomedical Engineering, St James' Hospital, Dublin 8

## POSTER DISPLAY LIST CONTD.

### Display No. 7

***A cross sectional analysis to evaluate the performance of doctors of multiple disciplines in identifying appropriate diagnostic imaging studies for various clinical scenarios, and appropriately prioritising imaging requests***

B. Moloney, R. Wallace, H. McHugh, P. A. McCarthy

Department of Radiology, Galway University Hospital, Galway

### Display No. 8

***Are medical students able to prioritise requests and identify appropriate diagnostic imaging studies for various clinical scenarios? –***

***A cross-sectional review***

B. Moloney, K. Westby, G. O' Brien, P. A. McCarthy

Department of Radiology, Galway University Hospital, Galway

### Display No. 9

***CT Thorax: Don't Miss the breast!***

A. Elzein, Z. Babiker, C. A. Daly, D. O'Driscoll

Radiology Department, Waterford University Hospital, Waterford

### Display No. 10

***Injuries amongst farmers in Midland region in Ireland: Brief Review***

R. Driscoll-Murphy<sup>1</sup>, H. Khosa<sup>2</sup>, N. Ramesh<sup>2</sup>

<sup>1</sup>Department of Endocrinology, Midland Regional Hospital, Portlaoise

<sup>2</sup>Department of Radiology, Midland Regional Hospital, Portlaoise

### Display No. 11

***Endocrine disorders involving the skeletal system***

R. Driscoll-Murphy<sup>1</sup>, P. Bhand<sup>1</sup>, J. Sharma<sup>1</sup>, N. Ramesh<sup>2</sup>

<sup>1</sup>Department of Endocrinology, Midland Regional Hospital, Portlaoise

<sup>2</sup>Department of Radiology, Midland Regional Hospital, Portlaoise

### Display No. 12

***Audit of Clinical Recall in the Breast Check Merrion Screening Unit***

A. Foster, S. McNally, S. L. Coffey, S. Pender, A. O'Doherty

Merrion unit, Breast Check, St Vincent's University Hospital, Dublin

## POSTER DISPLAY LIST CONTD.

### Display No. 13

#### ***Sonographic assessment of Thyroid Nodules***

P. Navin<sup>1</sup>, A. M. Egan<sup>2</sup>, B. Hutchinson<sup>1</sup>, M. Bell<sup>2</sup>, D. Bergin<sup>1</sup>, J. Bruzzi<sup>1</sup>

<sup>1</sup>Department of Radiology, University Hospital Galway, Newcastle, Galway

<sup>2</sup> Department of Endocrinology, University Hospital Galway, Newcastle, Galway

### Display No. 14

#### ***CT-guided lung biopsies: Audit of practice at an Irish University Hospital***

B. Murphy<sup>1</sup>, B. Cantan<sup>1</sup>, S. Foley<sup>1</sup>, M. Rogan<sup>1</sup>, M. Murphy<sup>1</sup>, M. Farrell<sup>2</sup>

<sup>1</sup>Department of Respiratory Medicine, Waterford University Hospital, Waterford

<sup>2</sup>Radiology Department, Waterford University Hospital, Waterford

### Display No. 15

#### ***Does patient profile predict pneumothorax risk post CT guided biopsy of the lung?***

B. Cantan<sup>1</sup>, B. Murphy<sup>1</sup>, S. Foley<sup>1</sup>, M. Rogan<sup>1</sup>, M. Murphy<sup>1</sup>, M. Farrell<sup>2</sup>

<sup>1</sup>Department of Respiratory Medicine, Waterford University Hospital, Waterford

<sup>2</sup>Radiology Department, Waterford University Hospital, Waterford

### Display No. 16

#### ***Does application of a saline patch reduce pneumothorax rate post CT guided biopsy?***

B. Cantan<sup>1</sup>, B. Murphy<sup>1</sup>, S. Foley<sup>1</sup>, M. Rogan<sup>1</sup>, M. Murphy<sup>1</sup>, M. Farrell<sup>2</sup>

<sup>1</sup>Department of Respiratory Medicine, Waterford University Hospital, Waterford

<sup>2</sup>Radiology Department, Waterford University Hospital, Waterford

### Display No. 17

#### ***Audit on the Accuracy of “red dot” trauma alerts by radiographers in Midland Regional Hospital***

R. Kelly, A. M. Brody, N. Ramesh

Department of Radiology, Midland Regional Hospital, Portlaoise

### Display No. 18

#### ***Stroke Mimics: Imaging evaluation***

M. Roberts, R. Kelly, H. Khosa, N. Ramesh

Department of Radiology, Midland Regional Hospital, Portlaoise

## POSTER DISPLAY LIST CONTD.

### Display No. 19

#### ***Do fifth metatarsal fractures require dedicated foot views for diagnosis?***

E. O'Malley, D. P. Woodlock, P. McCarthy

Department of Radiology, University College Hospital, Newcastle Rd., Galway

### Display No. 20

#### ***Abdominal Aortic Aneurysm CTA assessment. 2D and 3D CTA with advanced post processing tools. Correlation with duplex and EVAR outcomes***

H. K. Moriarty<sup>1</sup>, Y. McNamara<sup>1</sup>, C. Gray<sup>2</sup>, S. Badger<sup>2</sup>, L. P. Lawler<sup>1</sup>

<sup>1</sup>Department of Radiology, Mater Misericordiae University hospital, Dublin

<sup>2</sup>Department of Vascular Surgery, Mater Misericordiae University hospital, Dublin

### Display No. 21

#### ***Co-existing Vascular Stenoses***

A. Buckley<sup>1</sup>, A. Kecler-Pietrzyk<sup>2</sup>, J. Meaney<sup>2</sup>, J. Harbison<sup>1</sup>

<sup>1</sup>MedEl Directorate, St James's Hospital, Dublin

<sup>2</sup>Department of Diagnostic Imaging, St James's Hospital, Dublin

### Display No. 22

#### ***A survey of vertebral fracture reporting to enable automated referral to a Fracture Liaison Service***

D. O'Gradaigh<sup>1</sup>, E. Ennis<sup>2</sup>, S. Khan<sup>1</sup>

<sup>1</sup>Department of Rheumatology, Waterford University Hospital, Waterford

<sup>2</sup>Department of Radiology, Waterford University Hospital, Waterford

### Display No. 23

#### ***The role of MRI in screen-detected invasive lobular carcinoma of the breast***

C. Ní Leidhin<sup>1</sup>, A. Heeney<sup>1</sup>, J. Geraghty<sup>1</sup>, E. McDermott<sup>1</sup>, D. Evoy<sup>1</sup>, C. Quinn<sup>2</sup>, A. O'Doherty<sup>3</sup>, S. McNally<sup>3</sup>, R. Prichard<sup>1</sup>

<sup>1</sup>Department of General, Breast and Endocrine Surgery, Histopathology<sup>2</sup> and Radiology<sup>3</sup>, St. Vincent's University Hospital, Elm Park, Dublin 4

### Display No. 24

#### ***Aural Multidrug Resistant Tuberculosis - A Pictorial Exhibit***

A. Buckley<sup>1</sup>, A. Kecler – Pietrzyk<sup>2</sup>, J. Meaney<sup>2</sup>, A. McCann<sup>3</sup>, J. Keane<sup>3</sup>, A. McLaughlin<sup>3</sup>

<sup>1</sup>MedEl Directorate, St James's Hospital, Dublin

<sup>2</sup>Department of Diagnostic Imaging, St James's Hospital, Dublin

<sup>3</sup>CREST Directorate, St James's Hospital, Dublin

## POSTER DISPLAY LIST CONTD.

### Display No. 25

#### ***Foreign body ingestion in prisoners and psychiatric patients: Radiological Review***

R. Kelly, D. Calvert, H. Khosa, N. Ramesh

Department of Radiology, Midland Regional Hospital, Portlaoise

### Display No. 26

#### ***Visualisation of the Anterolateral Ligament on MRI***

C. Barry<sup>1</sup>, R. Hurley<sup>1</sup>, D. Bergin<sup>2</sup>, F. Shannon<sup>1</sup>

<sup>1</sup>Department of Orthopaedics, Galway University Hospital, Galway

<sup>2</sup>Department of Radiology, Galway University Hospital, Galway

### Display No. 27

#### ***Non-detected Primary Lung Cancers on Chest X-ray: 3 year Retrospective Review in University Hospital***

C. Barry<sup>1</sup>, D. Bergin<sup>2</sup>

<sup>1</sup>Department of Orthopaedics, Galway University Hospital, Galway

<sup>2</sup>Department of Radiology, Galway University Hospital, Galway

### Display No. 28

#### ***The importance of anatomical side markers and annotations on Chest radiographs: back to basics***

C. Thomas, A. M. Brody, H. Khosa, N. Ramesh

Department of Radiology, Midland Regional Hospital, Portlaoise, Co. Laois

### Display No. 29

#### ***Placement Accuracy of Tissue Markers post Image Guided Biopsy in Breastcheck Western Unit***

J. Laurinkiene, A. Larke, C. Glynn

BreastCheck Western Unit, Newcastle Road, Galway

### Display No. 30

#### ***Normal variants of arterial cerebral circulation – a pictorial exhibit***

A. Kecler-Pietrzyk<sup>1</sup>, A. Buckley<sup>2</sup>, J. Meaney<sup>1</sup>

<sup>1</sup>Department of Radiology, Centre for Advanced Medical Imaging, St James's Hospital, Dublin 8

<sup>2</sup>Department of Medicine for Elderly, St James's Hospital, Dublin 8

## POSTER DISPLAY LIST CONTD.

### Display No. 31

***The incidence of prostatic carcinoma in patients whose initial biopsies were negative***

K. Kelly, P. McCarthy

Department of Radiology, University Hospital Galway, Galway

### Display No. 32

***Contemporary Cone Beam CT – Dose, duration and diagnostics in 2D/3D angiographic /& needle-guide applications***

H. K. Moriarty, B. D. Murphy, C. Farrelly, T. Geoghegan, L. O’Hora, S. Gilchrist, L. P. Lawler

Department of Radiology, Mater Misericordiae University Hospital, Dublin

### Display No. 33

***Quantification of Temporal Lobe Epilepsy in PET/CT***

M. Joyce<sup>1</sup>, J. Lucey<sup>2</sup>, H. Ferris<sup>3</sup>, K. Curran<sup>1</sup>

<sup>1</sup>Diagnostic Imaging Department, UCD School of Medicine and Medical Science, Health Sciences Centre, University College Dublin, Belfield, Dublin 4

<sup>2</sup>Medical Physics and Clinical Engineering Department, St Vincent’s University Hospital, Elm Park, Dublin 4

Notes



We would like to thank the following sponsors of the meeting:



GE imagination at work

