

# Faculty of Radiologists Combined Spring Meeting

24<sup>th</sup> - 25<sup>th</sup> March 2017, Glenlo Abbey Hotel, Galway  
'Emergency Radiology'



**CPD Credits awarded**

Day 1: 6 External CPD Credits

Day 2: 2.25 External CPD Credits

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

08:30	Registration & Coffee	08:30
09:00	Welcome Address: Prof. Max F. Ryan, Dean	09:15
09:10	Session I	10:20
10:40	Coffee, meet the sponsors, poster session	10:45
11:00	Session II	12:00
13:00	Lunch	
14:00	Session III	
15:20	Coffee, meet the sponsors, poster session	
15:40	Session IV	
17:00	End	
19.00	Dinner - Il Viccolo	

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

08:30	Registration & Coffee
09:15	Session I
10:20	Coffee, meet the sponsors, poster session
10:45	Session II
12:00	End



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

08:30-9:00	Registration & Coffee	
09:00	Welcome Address	Prof. Max F. Ryan, Dean, Faculty of Radiologists
09:10-10:40	Session I:	Moderator: Dr Julie O'Brien/ UHL
09:10	Dr. Roger Byrne / Mater Private Hospital	Cardiomyopathies
09:40	Dr. Declan Sheppard / GUH	Functional Cardiac CT in Ischaemia
10:10	Prof. Leo Lawler / MMUH	Cardiac valves in 2017-the basics
10:40-11:00	COFFEE	Meet the Sponsors, Poster Session
11:00-13:00	Session II	Moderator: Dr John Bruzzi / GUH
11:00	Dr Anthony Hanbidge / Toronto Western Hospital Visiting Professor	Imaging Acute Pelvic Pain in the Young Woman: Gynaecologic
12:00	Dr Patrick McLaughlin / Vancouver General Hospital	Imaging of blunt and penetrating Cardiac Trauma
12:40	Dr Ferdia Bolster / MMUH	Forensic Imaging and Post Mortem Computed Tomography
13:00-14:00	LUNCH	Meet the Sponsors, Poster Session
14:00-15:20	Session III	Moderator: Dr Martin Shelly / UHL
14:00	Dr AnnaMarie O'Connell / GUH	Emergency Imaging in Pregnancy
14:20	Dr Peter MacMahon / MMUH	Challenges and Controversies in Pulmonary Embolism Imaging
14.40	Dr Kevin Cronin / Cavan General Hospital	RTA Imaging
15:00	Mr Joe Newell / GP Buddy	MDT App
15:20	Panel Discussion	
15:20-15:40	COFFEE	Meet the Sponsors, Poster Session
15:40 -17:00	Session IV	Moderator: Dr Tim Scanlon /UHL
15:40 -17:00	Film Panel	
17:00	END OF DAY	

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

08:30 Registration

09:15-10:20 Session I Moderator: Dr Siobhan McGrane / UHL

09:15 Dr Anthony Hanbidge / Toronto Western Hospital  
Visiting Professor Imaging Acute Pelvic Pain in the Young Woman: Non-Gynaecologic

09:55 Dr Brian Lucey / Galway Clinic Update on imaging of acute pancreatitis

10:20-10:40 COFFEE

10:40-12:00 Session II Moderator: Dr Marie Staunton / MUH

Practice Based Learning

10:45 Dr Brian Gibney / MMUH *In patients having emergency CT for acute abdominal pain is oral contrast necessary for diagnosis?*

10:54 Dr Sam Atherton / NI ST2 *CT angiography for the diagnosis of brain death*

11:03 Dr James Ryan /MMUH *What are the current indications for prophylactic embolization of renal angiomyolipomas*

11:12 Dr Steven Dolan, CUH/MUH *Which modality is most appropriate for further evaluation of patients with suspected scaphoid fracture and negative Xray*

Audit

11:21 Tara Tarmey / GUH Imaging of the Renal Tract in paediatric urinary tract infection (UTI)

11:30 James Ryan / MMUH Assessing local iRefer guideline compliance

11:39 Maeve O'Sullivan / AMNCH PeerVue - GP chest radiographs

11:48 Hannah Fleming / SVUH Clinical information provided to radiologists interpreting acute stroke imaging

11:57 Panel Discussion

12:00 END OF MEETING

## POSTER DISPLAY LIST

### Display No. 1

#### **Ten year analysis of survival and cause of death following Endovascular Abdominal Aortic Aneurysm repair**

G Healy<sup>1</sup>, C Redmond<sup>1</sup>, S Gray<sup>1</sup>, L Iacob<sup>2</sup>, S Sheehan<sup>2</sup>, J Dowdall<sup>2</sup>, M Barry<sup>2</sup>, C Cantwell<sup>1</sup>, D Brophy<sup>1</sup>

<sup>1</sup> Departments of Radiology and <sup>2</sup> Department of Vascular Surgery, St. Vincent's University Hospital, Elm Park, Dublin 4

### Display No. 2

#### **Are wrist angle measurements applicable to the paediatric population in the trauma setting?**

EA Joyce, T Farrell, J McMorrow, A Snow.

Department of Radiology.

Our Lady's Children's Hospital, Crumlin, Dublin 12

### Display No. 3

#### **Ultrasound imaging of the acute scrotum.**

M Brassil, C O'Brien, P Govender, W Torreggiani

Radiology department, Tallaght Hospital, Dublin 24

### Display No. 4

#### **A review of the utilization of PFAs in a peripheral hospital**

R. Kieran,<sup>1</sup> T. Gleeson<sup>2</sup>

1. Department of Medicine, Wexford General Hospital

2. Department of Radiology, Wexford General Hospital

### Display No.5

#### **Contrast-Enhanced Ultrasound (CEUS) of the Kidney – a single institution review.**

Sheng-Fei Oon, Robert W. Foley, Deirdre Quinn, Robert G. Gibney

Department of Radiology, St. Vincent's University Hospital, Dublin

### Display No.6

#### **Proximal Hamstring Tendinopathy - Correlation between outcome from image-guided steroid bupivacaine injection and pre-procedural appearances at MRI.**

Dermot J Bowden, Caoimhe A Byrne, Abdullah Alkhatay, Eoin C Kavanagh, Stephen J Eustace

Radiology department, Cappagh national Orthopaedic Hospital, Dublin 11

## POSTER DISPLAY LIST CONTD.

### Display No. 7

#### **Heterotopic Ossification: A Pictorial review**

R McCormack, B McGlone

Department of Radiology, National Rehabilitation Hospital, Dun Laoghaire, Co. Dublin

### Display No. 8

#### **Appropriateness of usage of computed tomography pulmonary angiography (CTPA) in investigation of suspected pulmonary embolus (PE) in University Hospital Limerick.**

Dr. A Osman<sup>1</sup>, Dr. M Brennan<sup>1</sup>, Dr. N Abdul Aziz<sup>1</sup>, Dr. J Crotty<sup>2</sup>, Dr. C Peters<sup>1</sup>, Dr. M O'Connor<sup>1</sup>,

<sup>1</sup>Department of Medicine (Clinical Age and Therapeutics) University Hospital Limerick

<sup>2</sup>Department of Radiology University Hospital Limerick

### Display No. 9

#### **Identifying Incomplete Atypical Femoral Fractures with a DXA System**

P. Ward, M. McKenna, F. McKiernan, C. Hurson, E. Heffernan

Department of Endocrinology, DXA Unit, Department of Orthopaedic Surgery, and Department of Diagnostic Imaging, SVUH, Dublin, Ireland

### Display No. 10

#### **Neuroimaging of CNS Lesions in HIV**

A Roche, P Brennan, J Thornton, A O'Hare, S Power, S Looby

Department of Radiology, Division of Neuroradiology, Beaumont Hospital, Beaumont Road, Dublin 9

### Display No. 11

#### **Is the Development of Radiologic Expertise Task Specific?**

#### **A Study of Diagnostic Accuracy and Search Pattern Behaviour of Non-Radiologic Images in Groups with Different Levels of Radiologic Experience and Skill.**

Brendan S. Kelly, Eoin C. Kavanagh, MD.

Department of Radiology, Mater Misericordiae University Hospital, Eccles Street Dublin 7.



## POSTER DISPLAY LIST CONTD.

### Display No. 12

#### **Modic type 1 vertebral endplate changes; injury, inflammation or infection?**

Crockett MT, Kelly BS, van Baarsel S, Kavanagh EC.

Department of Radiology, Mater Misericordiae University Hospital, Eccles Street, Dublin, Ireland

### Display No. 13

#### **Imaging in acute gynaecological emergencies**

V G Maliakel<sup>1</sup>, H Khosa<sup>2</sup>, N Ramesh<sup>3</sup>

<sup>1</sup>Department of Medicine, <sup>2</sup>Department of Radiology, Bedford Hospital, England <sup>3</sup>Department of Radiology, Midland Regional Hospital, Portlaoise

### Display No. 14

#### **Advanced nurse practitioner plain film requests in the emergency department setting: are we getting value for money**

CM McDonnell, P McCarthy.

Department of Radiology. University Hospital, Galway.

### Display No. 15

#### **Traumatic Hypovolaemic Shock: A Pictorial Review.**

Stephen Power, Loges Selvarajah, Max Ryan

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

### Display No. 16

#### ***Timing is everything: Computed tomography of head, chest, neck, abdomen and pelvis (PANSCAN) for multi-trauma –. A radiology audit and quality improvement project***

Jessica O'Brien<sup>1</sup>, John Cockburn<sup>2</sup>, Deborah Browne<sup>3</sup>

1. Medical student, Australian National University Medical School

2. Senior staff specialist, Dept. of Medical Imaging, The Canberra Hospital, Yamba Drive, Garran, ACT, Australia 2605

3. Executive Director, Division of Quality Improvement, ACT Health

## POSTER DISPLAY LIST CONTD.

### Display No. 17

#### **Image Quality: Is it in the eye of the beholder?**

L. Murphy, S. Power, J. Barry

Department of Radiology, Cork University Hospital

### Display No. 18

#### **The potential use of Photoacoustic Imaging in Breast Cancer Imaging**

BM Moloney [1,2], MC Casey[1], A Breathnach[3], RM Dwyer[1], AM O Connell[2], S Walsh[2], R Ennis[2], A Larke[2], PA McCarthy[2], MJ Healy[3], MJ Kerin[1]

Discipline of Surgery [1]; Discipline of Radiology [2]; Discipline of Physics [3];

National University of Ireland, Galway, Ireland

### Display No. 19

#### **Analysing the impact of the introduction of BreastCheck on a tertiary symptomatic breast cancer unit**

BM Moloney [1,2], RM Waldron[1], C Malone[1], K Sweeney [1], K Barry [1], R McLoughlin [1], AM O Connell[2], S Walsh[2], R Ennis[2], A Larke[2], PA McCarthy[2], MJ Kerin[1]

Discipline of Surgery [1]; Discipline of Radiology [2];

National University of Ireland, Galway, Ireland

### Display No. 20

#### **An Audit of Thrombectomy Referrals from Symptom Onset to Needle Time from Galway University Hospital to Beaumont Neurosurgical Centre.**

Dr S. Culleton<sup>1</sup>, Dr T. Tarmey <sup>1</sup>, Ms K. Donlon <sup>2</sup>, Dr T. Walsh <sup>2</sup>, Dr D. Sheppard <sup>1</sup>

1.Department of Radiology, Galway University Hospital, Galway.

2.Department of Stroke Medicine, Galway University Hospital, Galway.

### Display No. 21

#### **The Accuracy of Clinical Probability Scoring in Predicting Lower Limb Deep Venous Thrombosis**

RM Waldron, BM Moloney, MC Casey

Department of Radiology, Mayo University Hospital, Castlebar, Co Mayo.



## POSTER DISPLAY LIST CONTD.

### Display No. 22

#### **An Analysis of the Extent and Pattern of Concomitant Injuries in Patients with Acute Traumatic Thoracic Aortic Injury**

E Stanley, M Smith, F Bolster, L Lawler

Department of Radiology, Mater Misericordiae University Hospital, Dublin

### Display No. 23

#### **A review of imaging findings of pathological processes in intravenous drug users**

E Stanley, H Moriarty, D Byrne, F Bolster

Department of Radiology, Mater Misericordiae University Hospital, Dublin

### Display No 24

#### **Pictorial review of acute facial bone fractures from the adult emergency department**

C O Rourke, C O Brien, E O Dwyer, W C Torreggiani.

Tallaght Radiology Department, Tallaght Hospital Dublin 24.

### Display No. 25

#### **A pictorial review of hernias of the torso**

E Stanley<sup>1</sup>, J Ryan<sup>1</sup>, H Moriarty<sup>1</sup>, K Linnau<sup>2</sup>, F Bolster<sup>1</sup>

1. Department of Radiology, Mater Misericordiae University Hospital, Dublin, Ireland

2. Department of Radiology, University of Washington, Seattle, USA

### Display No. 26

#### **Shelling the Myth: Allergies to Iodine-Containing Substances and the Risk of Reaction to Iodinated Contrast Media**

M Ryan, A Stirling, P MacMahon.

Department of Radiology,

Mater Misericordiae University Hospital, Eccles Street, Dublin, Ireland.

### Display No. 27

#### **The added benefit of cytology and histology, compared to histology alone in diagnosing lytic or CT/fluoroscopically occult bone lesions:**

#### **A 6 year experience in a single centre**

I Welaratne, D Mulholland, C Johnston, E McCarthy

Department of Radiology, St James' Hospital, Dublin 8

## POSTER DISPLAY LIST CONTD.

### Display No. 28

#### **CSF Leaks: Radiological Diagnosis and Management**

B Murphy, S Power, A O'Hare, J Thornton, P Brennan, S Looby  
Radiology Department, Beaumont Hospital, Dublin.

### Display No. 29

#### **Updated World Health Organisation (WHO) Classification of Tumours of the Central Nervous System (CNS): What the Radiologist needs to know**

B Murphy, F Brett, S Power, S Looby  
Radiology Department, Beaumont Hospital, Dublin, Pathology Department, Beaumont Hospital, Dublin

### Display No. 30

#### **A pictorial review of the imaging features of angiosarcoma**

E. Canniff<sup>1</sup>, E. McGrath<sup>2</sup>, A. Maguire<sup>2</sup>, M. McMenemy<sup>3</sup>, S. O'Keefe<sup>4</sup>

<sup>1</sup>Department of Diagnostic Radiology, St James's Hospital, Dublin, Ireland. <sup>2</sup>Department of Histopathology, St James's Hospital, Dublin, Ireland. <sup>3</sup>Department of Histopathology, St James's Hospital, Dublin, Ireland, <sup>4</sup>Department of Diagnostic Radiology, St James's Hospital, Dublin, Ireland.

### Display No. 31

#### **Volumetric analysis of prostate tumours on MRI as a predictor for aggressive disease.**

Hughes NM<sup>1</sup>, O' Neill C<sup>2</sup>, O'Brien FM<sup>2</sup>, Mayer N<sup>3</sup>, Kelly P<sup>4</sup>, Buckley J<sup>1</sup>, O'Regan KN<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

<sup>4</sup>Department of Radiation Oncology, Cork University Hospital, Wilton, Cork

### Display No. 32

#### **The application of Alberta Stroke Programme Early CT Scores to acute ischaemic stroke initial CT brain imaging and symptomatic haemorrhage rates.**

M Hanley<sup>2</sup>, T Tarmey<sup>1</sup>, L Morrison<sup>2</sup>, C Judge<sup>2</sup>, M Costello<sup>2</sup>, K Donlan<sup>2</sup>, P McCarthy<sup>1</sup>, R O'Caoimh<sup>2</sup>.

Department of Radiology, University Hospital Galway,

Department of Medicine, University Hospital Galway,

## POSTER DISPLAY LIST CONTD.

### Display No. 33

#### **Patterns of injury in CT imaging of blunt thoracic trauma – A Pictorial Review**

Steven Dolan, Deirdre Doyle, Kevin O'Regan.

Department of Radiology, Cork University Hospital

### Display No. 34

#### **Lung Cancer Staging: A Pictorial Primer**

Steven Dolan, Nicola Hughes, Deirdre Doyle, Kevin O'Regan.

Department of Radiology, Cork University Hospital

### Display No. 35

#### **Cardiac MRI - Basic Fluid Dynamics for the Radiology Trainee.**

Hughes, K. \*Lawler, L.P.

Department of Surgery, Mater Misericordiae University Hospital, Dublin, Ireland.

\*Department of Radiology, Mater Misericordiae University Hospital, Dublin, Ireland.

### Display No. 36

#### **3D Printing: A Practical Guide for the Radiologist**

M. Smith [1], M. O'Reilly [2], J. Jones [1], J. Murray [2]

[1] School of Medicine, University College Dublin, Dublin,

[2] Department of Radiology, Mater Misericordiae University Hospital, Eccles St., Dublin

### Display No. 37

#### **Extramural venous invasion in Rectal Cancer MRI: a predictor of metastatic disease?**

J Cusack, BD Hutchinson, JP Das, DG Sheppard

Department of Radiology, University College Hospital Galway

### Display No. 38

#### **High Resolution MRI of the Intracranial Arterial Wall: Utility and Imaging Findings**

<sup>1</sup>E Carmody, <sup>1</sup>S Power, <sup>2</sup>D Mandell

Department of Neuroradiology, Beaumont Hospital, Dublin 9, Ireland,

Department of Neuroradiology, Toronto Western Hospital, 399 Bathurst St, Toronto, Canada



Notes:



Notes:



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

