

FACULTY OF RADIOLOGISTS

ROYAL COLLEGE OF SURGEONS IN IRELAND
Coláiste Ríoga na Máinleá in Éirinn

Annual Scientific Meeting

24th - 26th September 2009

Dr Risteárd Ó Laoide
Dean

Faculty of Radiologists,
Royal College of Surgeons in Ireland
CPD Credits Awarded: 15

Royal College of Radiologists
CPD Credits Awarded: 15



MEETING OUTLINE

Thursday 24th September 2009

Cheyne Lecture Theatre

9am-9.25am	Registration
9.25am	Welcome Address, Dr. Risteárd Ó Laoide, Dean, Faculty of Radiologists
9.30am-11am	Scientific Session I
11am-11.30am	Tea/Coffee Break
11.30am-1pm	Scientific Session II
1pm-2pm	Lunch
2pm-3pm	Special Session on Neuro-oncology Imaging Dr. Noel Fanning, Cork University Hospital, Cork Dr. Paul Brennan, Beaumont Hospital, Dublin
3pm-3.30pm	Tea/Coffee Break
3.30pm-5pm	Scientific Session III

Friday 25th September 2009

Cheyne Lecture Theatre

8.30am-9am	Registration
9am-10.20am	Special Discussion Session on Building New Cancer Services Dr. Tom Keane, Interim Director, National Cancer Programme Dr. Risteárd Ó Laoide, Dean, Faculty of Radiologists
10.20am-11am	Haughton Lecture Professor Elliot Fishman, Johns Hopkins Hospital, Baltimore, Maryland <i>The Role of CT Angiography and 3D Imaging in the Detection and Staging of Gastrointestinal Malignancies</i>
11am-11.30am	Opening of Poster & Technical Exhibition Tea/Coffee Break
11.30am-1pm	Categorical Session I Urology Imaging
1pm-2pm	Lunch
2pm-3.20pm	Categorical Session II Lung Cancer Imaging
3.20pm-3.50pm	Tea/Coffee Break
3.50pm-4.20pm	Faculty Annual General Meeting
4.20pm-5pm	Honorary Fellows Lecture Professor Rodney Reznick, St. Bartholomew's Hospital, London <i>Principles of Imaging for Radiotherapy Planning – The Role of the Radiologist</i>
7pm for 7.30pm	Reception, Honorary Conferring of Fellowships & Dinner (Black Tie)

MEETING OUTLINE

Saturday 26th September 2009

Cheyne Lecture Theatre

- | | |
|---------------------|--|
| 8.30am-9am | Registration |
| 9am-10.30am | Categorical Session III
Pancreatic & Hepatobiliary Imaging |
| 10.30am-11am | Tea/Coffee Break |
| 11am-11.30am | Case of the Day
St. Vincent's University Hospital |
| 11.30am-1pm | Categorical Session IV
Gastrointestinal Cancer Imaging |
| 1pm-1.10pm | Presentation of Medals |

Thursday 24th September

9.00 - 9.25am Registration

9.25 - 9.30am Welcome Address, Dr Risteárd Ó Laoide, Dean
Faculty of Radiologists

9.30 - 11.00am Scientific Session I
Moderator Dr Risteárd Ó Laoide, Dean, Faculty of Radiologists

9.30am **Transient Bacteraemia during CT Colonography: Implications for Antibiotic Prophylaxis**

Carole A Ridge, Marguerite Carter, Ronan Ryan, Ronan P Killeen, Chris Hegarty, Lorna Browne, Dermot E Malone.
St Vincent's University Hospital, Dublin

9.39am **Comparison of TACE and Y90 Radioembolization in the treatment of Solitary HCC.**

Tim Scanlon MD1, Ahsun Riaz MD1, Laura Kulik MD2, Robert J Lewandowski MD1, Robert K Ryu MD1, Mary F Mulcahy MD3, Michael Abecassis MD4, Kent T Sato MD1, Reed A Omary MD MS1, Riad Salem MD MBA1,2

1 Department of Radiology, Section of Interventional Radiology, Northwestern Memorial Hospital, Robert H. Lurie Comprehensive Cancer Center, Chicago IL,

2 Department of Medicine, Division of Hepatology, Robert H. Lurie Comprehensive Cancer Center, Northwestern Memorial Hospital, Chicago, IL, 3 Department of Medicine, Division of Hematology and Oncology, Robert H. Lurie Comprehensive Cancer Center, Northwestern Memorial Hospital, Chicago, IL, 4 Department of Surgery, Division of Transplant Surgery, Northwestern Memorial Hospital, Chicago, IL.

9.48am **From chairside to SI 478/303. The Dental experience in Ireland**

Murray L., Renehan J, Behan A, Armstrong N, Bolas A, Gallagher A, O Reilly G, Reynolds V.
Dublin ML/NE Radiation Safety Committee

9.57am **A retrospective study of the utility of C-reactive protein as a predictor of positive abdominal CT findings in the non-traumatic acute abdomen.**

Coyle J, Brennan C, O'Regan K, McLaughlin P, Ryan MF, Maher, M.
Radiology Department, Cork University Hospital, Cork.

10.06am **Molecular magnetic resonance imaging: the value of immunoliposomes.**

P Foran, D Kozłowska, P MacMahon, M Shelly, S Eustace, R O'Kennedy
Department of Radiology, Mater Misericordiae University Hospital, Dublin 7
School of Biotechnology, Dublin City University, Dublin 9

10.15am **An algorithmic approach to CT Urography**

PA Ball, CB Loughrey, PD Hanley.
Dept of Radiology, The Ulster Hospital Dundonald, Belfast

10.24am **Molecular Magnetic Resonance Imaging of Multiple Myeloma and Her2-positive Breast Cancer**

P Foran, D Kozłowska, P MacMahon, M Shelly, S Eustace, R O'Kennedy
Department of Radiology, Mater Misericordiae University Hospital, Dublin 7
School of Biotechnology, Dublin City University, Dublin 9

- 10.33am** **How many chest x-rays in a CT? Assessment of awareness of radiation dose and radiosensitivity in a cohort of hospital clinicians**
I Heaslip, C Hegarty, M Casey, E Heffernan
Department of Radiology, St. Vincent's University Hospital, Dublin
- 10.42am** **CT urography compared with conventional intravenous urography in the evaluation of painless haematuria: An evidence based approach**
AM Browne, J Ni Mhuircheartaigh, H Khosa, E Kelliher, C O'Riordan, I Davidson
Department of Radiology, University College Hospital, Galway
- 10.51am** **A retrospective study of the utility of Revised Trauma Scores and Glasgow Coma Scale in the triage and selection of patients for urgent Computed Tomography scanning in the setting of acute trauma.**
Brennan C, Coyle J, O'Regan K, Mclaughlin P, Ryan MF, Maher M.
Radiology Department Cork University Hospital, Cork.
- 11.00 – 11.30am** **Tea/Coffee**
- 11.30 – 1.00pm** **Scientific Session II**
Moderator Dr P.K. Ellis, Royal Victoria Hospital, Belfast
- 11.30am** **An Audit of Pulmonary Embolism in Pregnancy**
AM Browne¹, Jennifer NiMhuircheartaigh¹, Carmel G Cronin¹, John F Bruzzi¹, John J Morrison², Joseph M Murphy¹
Department of Radiology¹, Department of Obstetrics and Gynaecology², University College Hospital, Galway
- 11.39am** **Investigation of tissue viability in a rodent model of cerebral ischaemia using Sodium MRI**
A J Fagan^{1,2}, F Wetterling¹, I Mhairi Macrae³, L Gallagher³
1 Centre for Advanced Medical Imaging (CAMI), St. James's Hospital, Dublin
2 School of Physics, Trinity College Dublin
3 Glasgow Experimental MRI Centre, University of Glasgow, UK
- 11.48am** **Dual source CT identification of clinically significant aberrant coronary artery anatomy.**
A Mc Erlean¹, S.A. O'Keeffe¹, M. Smyth², K. Walsh³, L.P. Lawler¹;
1Department of Radiology, Mater Misericordiae University Hospital, Dublin, Ireland,
2Department of Radiology, Mater Private Hospital, Dublin, Ireland, 3Department of Cardiology, Our Lady's Children's Hospital, Crumlin, Ireland.
- 11.57am** **An audit of the use of abdominal radiography in the emergency department**
Ruth M Dunne, Mary T Keogan
Radiology Department, St James Hospital, Dublin
- 12.06pm** **Breast Displacement during cardiac CT. A dose reducing strategy!**
1Foley, S, 2Dodd J, 1McEntee M, 1Brennan PB, 1Rainford L.
Department: 1Faculty of Medicine and Medical Science, University College Dublin, Dublin 4,
2Department of Radiology, St. Vincent's University Hospital, Dublin 4
- 12.15pm** **CT Colonography – how much gas?**
P Mc Laughlin, A Suhail, S Mc Williams, K O Regan, A Desmond, D Kelly, M Maher
Radiology Department, Cork University Hospital, Cork, Ireland

- 12.24pm** **Haemoptysis: An Interventionalist's perspective.**
R M Dunne, M Guiney, N McEniff, M J Ryan.
Radiology Department, St James Hospital, Dublin
- 12.33pm** **CT Colonography – should the radiologist estimate visceral adipose tissue?**
P Mc Laughlin, A Suhail, S Mc Williams, K O Regan, A Desmond, D Kelly, M Maher
Radiology Department, Cork University Hospital, Cork, Ireland
- 12.42pm** **Radiological investigation of pulmonary embolism: an audit in teaching hospital (UCHG)**
H. Khosa, K Courtney, E. Kelliher, T Ramadan, O. Carney, C. Roche, P. McCarthy.
Department of Radiology, University College Hospital, Galway
- 12.51pm** **Acute-onset severe headache; investigation, incidence and epidemiology of Subarachnoid Haemorrhage.**
D. Ferguson, G Hunt,
Department of Radiology, Rotorua Hospital, New Zealand.
- 1.00 – 2.00pm** **Lunch**
- 2.00 – 3.00pm** **Special Session on Neuro-oncology Imaging**
Moderator Dr Adrian Brady, Mercy University Hospital, Cork
Dr Noel Fanning, Cork University Hospital, Cork
Dr Paul Brennan, Beaumont Hospital, Dublin
- 3.00 – 3.30pm** **Tea/Coffee**
- 3.30 – 5.00pm** **Scientific Session III**
Moderator Dr Joan Heneghan, Waterford Regional Hospital, Waterford
- 3.30pm** **Endovascular Stenting of Thoracic Aortic Aneurysms –One center's experience.**
Siobhan Hoare, David Healy, AE Wood, L Lawler.
Departments of Cardiothoracic Surgery & Radiology, Mater Misericordiae Hospital, Dublin
- 3.39pm** **Screening for lung cancer using low dose CT scanning: results of 7 year follow up**
Michael M. Slattery, Claire Foley, Dermot Kenny, Richard W. Costello, Patrick M. Logan, Michael J. Lee
Department of Radiology, Beaumont Hospital, Dublin 9
- 3.48pm** **Detailed description of the patterns of FDG uptake Brown Fat seen in PETCT of the routine oncological patients**
S Gangoli 1, H Wieshmann 2, S Hughes 1
1. *Imaging department, Royal Victoria Hospital, part of the Belfast Trust, Grosvenor Road, Belfast. BT6 OAT*
2. *Radiology department, Aintree University Hospitals NHS Foundation Trust, University Hospital Aintree, Longmoor Lane, Liverpool L9 7AL.*
- 3.57pm** **Audit of CT Intravenous Contrast Reactions**
Janice O'Neill, Sinead McKernan, Peter Ellis
Radiology Department, Royal Victoria Hospital, Belfast

- 4.06pm** **Assessment of Cardiac Laceration Risk in Re-do Cardiac Surgery by CT Thoracic Angiography**
Siobhan Hoare, David Healy, Alfred E Wood, Leo Lawler.
Department of Cardiothoracic Surgery & Radiology, Mater Misericordiae Hospital, Dublin
- 4.15pm** **Reporting Standards for Follow Up of Endovascular Procedures**
Rajendran P., McKernan S., Collins A., Kennedy P.T.K., Love M.H.S., Ellis P.K.
Radiology Department, Royal Victoria Hospital, Belfast
- 4.24pm** **Doctors differ: The impact of sub-specialist second opinion in hepatobiliary radiology**
I Heaslip, V Chan, C Hegarty, I Callanan, D Malone
Department of Radiology, St. Vincent's University Hospital, Dublin
- 4.33pm** **Junior Doctors' knowledge of patient and staff radiation dose exposure and associated risks.**
Walshe TM, Donagh C, Browne AM, Lavin D, Tuohy B, McCarthy PA.
Department of Radiology and Department of Medical physics and Bioengineering, University College Hospital, Galway.
- 4.42pm** **The utility of ^{99m}Tc-sestamibi scintigraphy in the localisation of parathyroid adenomas in primary hyperparathyroidism**
N Glynn, N Lynn, C Donagh , R Crowley, D Smith, C Thompson, F Keeling*, A Agha
Divisions of Endocrinology and Nuclear Medicine, Beaumont Hospital & RCSI Medical School, Dublin, Ireland*

Friday 25th September

8.30 – 9.00am **Registration**

9.00 – 10.20am **“Special Discussion Session on “Building New Cancer Services”**
Prof Tom Keane, Interim Director, National Cancer Programme
Dr Risteárd Ó Laoide, Dean, Faculty of Radiologists

10.20 – 11.00am **Haughton Lecture**
Professor Elliot Fishman,
Johns Hopkins Hospital, Baltimore, Maryland

“The Role of CT Angiography and 3D Imaging in the Detection and Staging of Gastrointestinal Malignancies”

11.00 – 11.30am **Opening of Poster & Technical Exhibition, (Dean)**
Tea/Coffee

11.30 - 1.00pm **Categorical Session I – Urology Imaging**
Moderator Dr Ronan Mc Dermott, St. James’s Hospital, Dublin

11.30 – 11.50am **Prostate MRI**
Dr Declan Sheppard, Ballinasloe / Portiuncula Hospital

11.50 – 12.10pm **Radiofrequency Ablation of Renal Tumours**
Dr Michael Farrell, Waterford Regional Hospital

12.10 – 12.30pm **The Problematic Renal Mass**
Dr William Torreggiani, Adelaide & Meath Hospital, Tallaght

12.30 – 1.00pm **Indeterminate Adrenal Mass**
Professor Rodney Reznick, St. Bartholomew’s Hospital, London

1.00 - 2.00pm **Lunch**

2.00 – 3.20pm **Categorical Session II – Lung Cancer Imaging**
Moderator Dr Barry Kelly, Royal Victoria Hospital, Belfast

2.00 – 2.30pm **CT Lung Cancer Staging**
Dr John Bruzzi, University College Hospital, Galway

2.30 – 2.50pm **Radiofrequency Ablation of Lung Cancer**
Dr Jonathan Dodd, St. Vincent’s University Hospital, Dublin

2.50 – 3.20pm **Lung Cancer Screening**
Dr Mark Logan, Beaumont Hospital, Dublin

3.20 – 3.50pm **Tea/Coffee**

3.50 – 4.20pm

Faculty Annual General Meeting

4.20 – 5.00pm

Honorary Fellows Lecture
Professor Rodney Reznik,
St. Bartholomew's Hospital, London

**“Principles of Imaging for Radiotherapy Planning -
The Role of the Radiologist”**

7.00 for 7.30pm

**Reception, Conferring of Fellowships and Dinner
(Black tie)**

Saturday 26th September

8.30 – 9.00am Registration

9.00 – 10.30am **Categorical Session III - Pancreatic & Hepatobiliary Imaging**
Moderator Dr P.K. Ellis, Royal Victoria Hospital, Belfast

9.00 – 9.20am **Pancreatic Cancer Staging,**
Dr Peter MacEneaney, Mercy University Hospital, Cork

9.20 – 9.40am **Neuroendocrine Imaging**
Dr Stephen Skehan, St. Vincent's University Hospital, Dublin

9.40 – 10.00am **Cholangiocarcinoma**
Professor Dermot Malone, St. Vincent's University Hospital, Dublin

10.00 – 10.30am **Intervention for Hepatobiliary Cancer**
Dr Leo Lawler, Mater Misericordiae University Hospital, Dublin

10.30 – 11.00am Tea/Coffee

11.00 – 11.30am **Cases of the Day**
Dr Jonathan Dodd, St. Vincent's University Hospital, Dublin

11.30 – 1.00pm **Categorical Session IV - Gastrointestinal Cancer Imaging**
Moderator Professor Helen Fenlon, Mater Misericordiae University Hospital, Dublin

11.30 – 12.00pm **Rectal Cancer Staging**
Professor Lennart Blomqvist, Stockholm

12.00 – 12.30pm **CT Colonography – Its Role in Cancer Management**
Dr Martina Morrin, Beaumont Hospital, Dublin

12.30 – 1.00pm **PET CT in Gastrointestinal Cancer**
Dr Simon Hughes, Royal Victoria Hospital, Belfast

1.00 – 1.10pm Presentation of Medals

Meeting Ends

Poster Presentations

Control No: 249-P-1

Completing the audit cycle: Evaluation of an optimised algorithm for the imaging of pulmonary embolism in pregnancy.

C A Ridge, S McDermott, C D Collins, S Skehan
Radiology Department, St Vincent's University Hospital, Dublin 4.

Control No: 249-P-4

Multimodality Imaging of Venous Thrombosis (3 posters)

H. Khosa, E. Kelliher, M. Browne, K Courtney, G O'Sullivan, P. McCarthy.
Department of Radiology, University College Hospital, Galway

Control No: 249-P-5

Radiologically Inserted Gastrostomy (RIG): A retrospective review of primary button gastrostomy placement

Sarah Power, Liam N Kavanagh, Mary C Shields, Mark F Given, Michael J Lee.
Department of Radiology, Beaumont Hospital, Beaumont Rd, Dublin 9.

Control No: 249-P-7

Imaging Features of Hereditary Colon Cancer Syndromes

Conor P. Meehan, Scott R. Gerst, Yuliya Lakhman, Marc S. Gollub.
Department of Radiology, Memorial Sloan Kettering Cancer Center, New York.

Control No: 249-P-8

Paget's Disease of Bone: A Spectrum of Imaging Appearances.

DE Moran, SJ Skehan, RG Gibney, EJ Heffernan.
Department of Diagnostic Radiology, St Vincent's University Hospital, Dublin

Control No: 249-P-9

Quality of Radiology requests: Audit assessing local experience

I. Kopecka, V Moodley, N El Saiety, N Ramesh
Radiology Department, Midland Regional Hospital, Portlaoise, Co Laois

Control No: 249-P-10

Justified exposure, cost and effectiveness: Electronic radiation protection teaching for undergraduate medical students

Leong S1, McLoughlin P1, O'Regan K1, O'Flynn S3, McGarrigle AM2, Maher MM1
1Department of Radiology, Cork University Hospital
2Department of Medical Physics, Cork University Hospital
3Department of Medical Education, University College Cork

Control No: 249-P-12

Imaging in the diagnosis of Hepatocellular Carcinoma

A. Kilcoyne, K. Kelly, D.Mahalingam, C. A. De Las Casas, F. Giles, S. Rajeev
Department of Radiology, University of Texas Health Science Center, San Antonio

Control No: 249-P-13

Gastrointestinal stromal tumours (GISTs): a review of the imaging findings.

M. Knox, P. Beddy, J.M. Ryan, G Wilson.
Radiology Department, St James's Hospital, Dublin.

Control No: 249-P-14

The Treatment Of Empyema – An evidenced based review of the latest literature

M. Knox, I. Brennan, R. McDermott.

Radiology Department, St James's Hospital, Dublin

Control No: 249-P-15

CT Brain – what's the protocol?

M. Knox, S, O'Keeffe, R. McDermott.

Radiology Department, St James's Hospital, Dublin

Control No: 249-P-16

Predicament of Cancer Presenting during Pregnancy

A Butler[^], G Murphy*, G Wilson*, M Keogan*

**Department of Radiology and [^]Department of Medicine, St James' Hospital, Dublin*

Control No: 249-P-17

Imaging Manifestations and Mimics of Ischaemic Bowel

Murphy G*, Butler A[^], Keogan M*, Wilson G*

**Department of Radiology & [^]Department of Medicine, St James' Hospital, Dublin 8.*

Control No: 249-P-18

The association between fatty liver and Type II diabetes mellitus in an Irish cohort: case control study

K Cronin¹, E Lambe², G Colleran¹, F Waldron Lynch³, AM Browne⁴, P Mc Carthy⁴, F Dunne³

1. *Department of Surgery, University Hospital Galway.*
2. *Department of Anaesthetics, University Hospital Galway.*
3. *Department of Medicine, University Hospital Galway.*
4. *Department of Radiology, University Hospital Galway.*

Control No: 249-P-19

PET-CT in the assessment of gynaecological malignancy – Poster Presentation

S.V. Gangoli¹, H. Nagar², J. Clarke³, S.J. Hughes¹

1Department of Radiology and Nuclear Medicine, Royal Victoria Hospital, Belfast

2Department of Gynae-Oncology, Belfast City Hospital, Belfast

3Department of Clinical Oncology, Belfast City Hospital, Belfast

Control No: 249-P-20

Early experience with magnetic resonance elastography in trabecular bone

H.C.J. McGregor, J. Chen, Y.K. Mariappan, R.L. Ehman.

Department of Radiology, Mayo Clinic, Rochester, MN, USA.

Control No: 249-P-21

Clinical Audit: The Clinical, Radiological and Histological features of imaging occult symptomatic breast cancers.

Gabrielle C Colleran^{1,2}, Kevin C Cronin^{1,2}, Irene Sweeney¹.

1. *Department of Radiology, Galway University Hospital*
2. *Department of Surgery, Galway University Hospital*

FACULTY OF RADIOLOGISTS

ROYAL COLLEGE OF SURGEONS IN IRELAND

Coláiste Ríoga na Máinleá in Éirinn

123 ST. STEPHENS GREEN

DUBLIN 2

IRELAND

PH. +353 1 402 2139 / 402 2476

FAX. +353 1 402 2466

RADIOLOGY@RCSI.IE

WWW.RADIOLOGY.IE

Annual Scientific Meeting

24th - 26th September 2009