

FACULTY OF RADIOLOGISTS

Dámh na Raideolaithe

ROYAL COLLEGE OF SURGEONS IN IRELAND

Coláiste Ríoga na Máinleá in Éirinn

ANNUAL SCIENTIFIC MEETING

26th - 28th September 2013

Dr Barry Kelly
Dean

Faculty of Radiologists,
Royal College of Surgeons in Ireland
CPD Credits Awarded:
Diagnostic Radiology: 15.5 maximum
Radiation Oncology: 8 maximum

Royal College of Radiologists
CPD Credits Awarded:
Diagnostic Radiology: 16 maximum
Radiation Oncology: 7 maximum



Faculty of Radiologists
Royal College of Surgeons in Ireland
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Web: www.radiology.ie

To register for our scientific meetings please visit
www.radiology.ie
and follow the link on the home page
'Next Event'

If you have any difficulties registering
for the Annual Scientific Meeting please contact:

Ms. Patricia McColgan

Abbey Conference & Corporate

Phone: 00 353 1 648 6130

Email: for2013@abbey.ie

MEETING AT A GLANCE

Diagnostic Radiology Programme

Thursday 26th September

O'Flanagan Theatre, RCSI

8.30 am	Registration
8.55 am	Welcome Address, Dr. Barry Kelly, Dean, Faculty of Radiologists
9.00 am	The Gathering - Session I
10.30 am	Tea/Coffee
11.00 am	Scientific Session I
12.30 pm	Lunch
1.30 pm	The Gathering - Miscellaneous
3.15 pm	Tea/Coffee
3.45 pm	The Gathering - Chest
5.15 pm	End of day

Friday 27th September

O'Flanagan Theatre, RCSI

8.30 am	Registration
9.00 am	Session on Chest
10.30 am	Tea/Coffee and Opening of Poster & Technical Exhibition
11.00 am	Scientific Session II
12.30 pm	Lunch
1.30 pm	Faculty of Radiologists Annual General Meeting
1.45 pm	QA/PCS Update
2.00 pm	Medicolegal Session
3.30 pm	Tea/Coffee
4.00 pm	Fellow's Lecture
5.00 pm	End of day
7.00 pm	Black Tie Dinner & Honorary Conferring

Parallel Session
Breast Sub Group Meeting
1.30pm

Saturday 28th September

O'Flanagan Theatre, RCSI

8.30 am	Registration
9.00 am	Practice Based Learning & Audit Session
10.30 am	Tea/Coffee
11.00 am	Cases of the Day
12.00 pm	Haughton Lecture
1.00 pm	Close of Meeting

MEETING AT A GLANCE

Radiation Oncology Programme

Friday 27th September

Albert Theatre, RCSI

9.00 am	Registration
9.30 am	Session I
10.50 am	Tea/Coffee
11.20 am	Session 2
1.00 pm	Lunch
2.00 pm	Session 3
3.30 pm	Session 4
4.30 pm	End of Day

St. Luke's Registrar's Prize

Saturday 28th September

Albert Theatre, RCSI

9.00 am	Registration
9.30 am	Part I
10.30 am	Tea/Coffee
11.00 am	Part II
12.15 pm	Awarding of Prizes & Photos
	Close of Meeting

Annual Scientific Meeting

26th - 28th September 2013

Diagnostic Radiology Programme

Thursday 26th September

O'Flanagan Theatre, RCSI

Faculty of Radiologists CPD Credits:

6 Credits (External)

Royal College of Radiologists CPD Credits:

6 Category 1 CPD Credits

8.30-8.55 am

Registration

8.55 am

Welcome Address, Dr. Barry Kelly, Dean, Faculty of Radiologists

9.00-10.30 am The Gathering - Session I

9.00 am

How low can we go? Model-based iterative CT dose reduction techniques

Prof Barry Daly/ Baltimore (1986)

9.20 am

MR Angiography in the 'at risk' patient - the promise of non-contrast techniques

Dr. James Carr/ Chicago (1998)

9.40 am

The role of uNMR and MRI in molecular imaging.

Dr Shaunagh McDermott/
Boston(2009)

10.00 am

Adrenal imaging

Dr Michael Blake/ Boston (1997)

10.20 am

Panel Discussion

10.30 am

Tea/Coffee (Examinations Hall)

11.00-12.30 pm Scientific Session I

Moderator: Prof William Torreggiani/ AMNCH (1997)

Time	Title	Presenter	Institution	Senior Author	City
11.00	Transvesical removal and/or replacement of ureteric stents in females under fluoroscopic guidance	McKernan	St. James's Hospital	Guiney	Dublin
11.09	Positive Predictive Role of CT in Preoperative Histologic Assessment of Renal Cell Carcinoma in our Institute	Conneely	University Hospital Galway	McCarthy	Galway
11.18	Radiology will be the death of us - a comparative analysis of the occupational energy expenditure of radiologists versus clinicians	Murphy	St. Vincent's University Hospital	Heffernan	Dublin
11.27	The Effect of Decreased Intravenous Contrast Load during Computed Topography on Image Validity and Radiation Dose.	Navin	Mayo General Hospital	Casey	Mayo

Time	Title	Presenter	Institution	Senior Author	City
11.36	CT Guided Percutaneous Transthoracic Needle Biopsy of lesions ≤ 1 cm.	Kavanagh	St. James's Hospital	Beddy	Dublin
11.45	Can baseline CT features be used to predict the grade and subtype of Non-Hodgkin's lymphoma?	Sammon	Cork University Hospital	O'Regan	Cork
11.54	Is diffusion weighted imaging alone sufficient for the follow-up of neuroendocrine tumour liver metastases?	Lavelle	St. Vincent's University Hospital	Skehan	Dublin
12.03	Amplatzer plugs - an innovative treatment for aortic coarctation pseudoaneurysms	Murphy	Mater Misericordiae University Hospital	Lawler	Dublin
12.12	Patient radiation doses in cardiac CT angiography: Comparison of impact of dose reduction strategies and conversion factor selection on effective radiation dose in cardiac CT angiography	Kok	Adelaide & Meath Hospital	Buckley	Dublin
12.21	Review of the role of Dual Energy Computed Tomography in diagnosis and management of patients with Gout	Donnellan	Adelaide & Meath Hospital	Buckley	Dublin
12.30 pm	Lunch (at delegates leisure)				

1.30-3.15 pm

The Gathering – Miscellaneous

Moderator: Prof Dermot Malone / SVUH (1986)

1.30 pm	CT Imaging of the 'Hot' neck	Dr Susan Kealey/ Edinburgh (2000)
1.50 pm	Medical Imaging Informatics	Dr Ruth Dunne/ Boston (2010)
2.10 pm	New and emerging technologies in breast imaging	Dr. Sandra Brennan / New York (2004)
2.30 pm	Breast Tomosynthesis	Dr Deirdre Coll / New York (1996)
2.50 pm	CT Staging of Laryngeal Carcinoma	Dr John Canning/Leuven (2011)
3.10 pm	Panel Discussion	
3.15 pm	Tea/Coffee (Examinations Hall)	

3.45-5.15 pm

The Gathering - Chest

Moderator: Dr Declan Sheppard/ Galway (1996)

3.45 pm	Pulmonary manifestations of systemic diseases	Dr Paul Cronin/ Ann Arbor (2002)
4.05 pm	Imaging children and adolescents with congenital heart disease	Dr Lorna Browne/ Colorado (2005)
4.25 pm	Ablation options for localized lung cancer	Dr Carole Ridge/ Boston-MMUH (2009)
4.45 pm	Incidental and significant cardiac findings on thoracic CT	Dr Aine Kelly/ Ann Arbor (2001)
5.05 pm	Panel Discussion	
5.15 pm	End of Day	

Diagnostic Radiology Programme

Friday 27th September

O'Flanagan Theatre, RCSI

Faculty of Radiologists CPD Credits:

6 Credits (External)

Royal College of Radiologists CPD Credits:

6 Category 1 CPD Credits

8.30-9.00am Registration

9.00-10.30 am Session on Chest
Moderator: Prof Michael Maher/ CUH

9.00 am	Pulmonary Thromboembolism	Prof. Jonathan Dodd/ St. Vincent's University Hospital
9.20 am	Interstitial Lung disease for the man or woman on the spot	Dr Barry Kelly/ Royal Victoria Hospital
9.40 am	Staging Lung Carcinoma	Dr John Bruzzi/ University College Hospital Galway
10.00 am	The Pulmonary Nodule	Dr Mark Logan/ Beaumont Hospital
10.20 am	Panel Discussion	
10.30 am	Tea/Coffee and Opening of Poster & Technical Exhibition (Examinations Hall)	

11.00am-12.30 pm Scientific Session II
Moderator: Prof James Meaney/ SJH

Time	Title	Presenter	Institution	Senior Author	City
11.00	Predictive value of PIRADs classification in MRI-directed prostate biopsy	Ni Mhurchu	St. Vincent's University Hospital	McMahon	Dublin
11.09	A single centre experience of infrapopliteal angioplasty	Bajwa	Beaumont Hospital	Lee	Dublin
11.18	Adherence to the NICE guidelines in the management of head injuries should be compulsory.	Drumm	St. James's Hospital	Ryan	Dublin
11.27	National Survey of CT Colonography Practice in Ireland	Smyth	Mater Misericordiae University Hospital	Fenlon	Dublin
11.36	Reducing infectious complications following prostate biopsy – an audit	Murphy	Mater Misericordiae University Hospital	Murray	Dublin
11.45	Contrast-enhanced digital mammography - a single centre experience	O'Neill	Cork University Hospital	Barry	Cork

Time	Title	Presenter	Institution	Senior Author	City
11.54	Prophylactic Internal Iliac Balloon Placement Prior To Caesarean Section In Patients With Placenta Accreta – The Role of The Interventional Radiologist	Nicholson	Cork University Hospital	Tuite	Cork
12.03	Endovascular repair of posterior communicating artery aneurysms, associated with oculomotor nerve palsy: A review of nerve recovery.	Sheehan	Beaumont Hospital	Looby	Dublin
12.12	Success of Forced Saline Flush and Thrombolysis Infusion for Treatment of Non-Functioning Peripherally Inserted Central Venous Catheters	Ryan	Mater Misericordiae University Hospital	Farrell	Dublin
12.21	MRI features of multifocal and multicentric GBMs to aid differentiation from cerebral metastases and primary CNS lymphoma	Ryan	Beaumont Hospital	Looby	Dublin
12.30 pm	Lunch (Examinations Hall)				
1.30 pm	Faculty of Radiologists Annual General Meeting				
1.45 pm	QA/PCS Update				
2.00 pm	Medicolegal Session Moderator: Dr Patricia Cunningham/ LMHG				
2.00 pm	Medical Negligence Law, Consent & Expert Reports	Mr Kevin Dunne, Hayes Solicitors, Dublin			
2.20 pm	Medical Council Complaints for Radiologists – and evolving picture	Mr George Fernie, MPS, Edinburgh			
2.40 pm	Clinical Claims and the State Claims Agency	Mr Philip Fagan, SCA, Dublin			
3.00 pm	Giving Evidence in Court and the Medical Council - What to Expect	Mr Simon Mills, Barrister, Dublin			
3.20 pm	Panel Discussion				
3.30 pm	Tea/Coffee (Examinations Hall)				
4.00 pm	Fellow's Lecture Professor Barry Daly '3D CT techniques for the Non-Invasive Investigation of Ancient Treasures and Artefacts'				
5.00 pm	End of Day				
7.00 pm	Black Tie Dinner & Honorary Conferring				

Diagnostic Radiology Programme

Saturday 29th September

O'Flanagan Theatre, RCSI

Faculty of Radiologists CPD Credits:
Royal College of Radiologists CPD Credits:

3.5 Credits (1.5 Audit, 2 External)
4 Category 1 CPD Credits

8.30-9.00 am	Registration	
9.00-10.30 am	Practice Based Learning/Audit Session Moderator: Dr Marie Staunton / CUH	
9.00 am	Non-interpretative competencies in US Radiology Training	Dr. Aine Kelly/Ann Arbor (Keynote Speaker)
9.15 am	PBL: A graduate's perspective	Dr. Ruth Dunne/ Boston
9.23 am	MRE findings indicating disease activity in small bowel Crohn's disease'	Dr. David Murphy/SVUH
9.31 am	Superior Sagittal Sinus Thrombosis: MRV versus CTV'	Dr. Davinia Ryan/AMNCH
9.39 am	Carotid intima media thickness versus coronary artery calcium scoring in prediction of stroke	Dr. Liam Kavanagh/Beaumont
9.47 am	Computed Tomography vs Invasive Coronary Angiography for the Diagnosis of Coronary Artery Disease	Dr. Gerard O'Sullivan/MMUH
9.55 am	An audit of CT KUB effective dose in a tertiary referral institution	Dr. John Donnellan/ AMNCH
10.03 am	Code Stroke Brain : An assessment of referral criteria.	Dr. Michael. O'Keeffe/ CUH
10.11 am	Relationship between serum D-dimers and CTPA findings in the evaluation of pulmonary embolism	Dr. Hong Kuan Kok/ AMNCH
10.19 am	An audit of radiation dose in CT Colonography	Dr. John Kavanagh / SJH
10.27 am	Discussion	
10.30 am	Tea/Coffee (Examinations Hall)	
11.00-12.00 pm	Cases of the Day – Mater Misericordiae University Hospital Chair: Dr Leo Lawler	
12.00 pm	Haughton Lecture Moderator: Dr Barry Kelly, Dean Professor Theresa McCloud 'Management of the incidental pulmonary nodule(s)-what makes sense?'	
1.00 pm	Close of Meeting	

Radiation Oncology Programme

Friday 27th September

Albert Theatre, RCSI

Faculty of Radiologists CPD Credits:

5.5 Credits (External)

Royal College of Radiologists CPD Credits:

5 Category 1 CPD Credits

Opening of Annual Scientific Meeting

Dr Clare Faul

Session 1

Brachytherapy

Chair: Dr Charles Gillham

9.30-9.50 am

MRI based Brachytherapy for Cervical Cancer:

Dr Jennifer Gilmore

9.50-10.10 am

Ocular Brachytherapy - a Surgeon's perspective:

Mr Noel Horgan

10.10-10.30 am

Ocular Brachytherapy:

Dr Moya Cunningham

10.30-10.50 am

Prostate Brachytherapy:

Dr Dayle Hacking

10.50-11.20 am

Tea/Coffee (Examinations Hall)

Session 2

Extracranial Stereotactic Radiotherapy

Chair: Dr Pierre Thirion

11.20-11.50 am

Pearls and pitfalls in Lung SABR:

Dr Kevin Franks

11.50-12.05 pm

The role of the physicist in Lung SABR:

Mr Luke Rock

12.05-12.20 pm

4DCT at St Lukes Radiation Oncology Network:

Ms Laoise Ryan

12.20-12.50pm

Implementing a successful 4DCT and SABR program:

Dr Gerry Hanna

12.00-2.00 pm

Lunch (Examinations Hall)

Session 3

Head and Neck Cancer

Chair: Dr Sinead Brennan

2.00-2.30 pm

The role of the Radiologist in Head and Neck Cancer
Radiotherapy Planning:

Dr Niall Sheehy

2.30-3.00 pm

The role of robotic surgery in Oropharyngeal Cancer:

Mr Patrick Sheahan

3.00-3.30 pm

Radiotherapy in HPV positive Oropharyngeal Cancer:

Dr Sinead Brennan

Session 4

Introduction: Dr Paul Kelly

3.30-4.30 pm

St Luke's Keynote Address

'Healthcare for the New Ireland: a view from across the pond!'

Professor Phillip Devlin

4.30 pm

End of Day

7.00 pm

Black Tie Dinner & Honorary Conferring

St. Luke's Registrar's Prize

Saturday 28th September

Albert Theatre, RCSI

Faculty of Radiologists CPD Credits:
Royal College of Radiologists CPD Credits:

2.5 Credits (External)
2 Category 1 CPD Credits

Judging Panel

Professor Phillip Devlin
Dr Gerry Hanna
Dr Lorraine Walsh
Dr Joe Martin

9.30-9.45 am	Pre-Operative Therapy in Rectal Cancer: Relationship between Pathological Complete Response and Interval to Surgery	A Barry
9.45-10.00 am	Outcomes of definitive chemoradiotherapy for T4 unresectable oral cavity squamous cell carcinomas	A Billfalk-Kelly
10.00-10.15 am	4DCT in lung cancer: Are dosimetric improvements clinically relevant in the real world?	A Cole
10.15-10.30 am	The impact of dose to the pharyngeal constrictor muscles, parotid glands and submandibular glands on quality of life in head and neck radiotherapy: A dosimetric analysis	M Leech
10.30-11.00 am	Tea/Coffee (Examinations Hall)	
11.00-11.15 am	RAPID radiotherapy for head and neck cancer – early experience in the SLRON	V Brennan
11.15-11.30 am	Unintended cardiac irradiation during left sided breast cancer radiotherapy	R B Goody
11.30-11.45 am	Prostate Seed Brachytherapy - initial experience at a single Irish centre	P Kelly
11.45-12.00 pm	An audit of pre-radiotherapy dental treatment at Dublin Dental Hospital for Head and neck Cancer patients at St Lukes Hospital over a twelve month period	R McDermott
12.00-12.15 pm	Patterns of Recurrence in Head and Neck IMRT patients	R McDermott
12.15 pm	Awarding of Prizes & Photos	

Poster Display Lists

Display No: 1

Sinonasal Mucocoeles - A Pictorial Review

Rory L. O'Donohoe, Sinead H. McEvoy, Lisa P. Lavelle, Dermot E. Malone, Ronan P. Killeen, James F. Griffin.
Department of Radiology, St. Vincent's University Hospital, Dublin.

Display No: 2

The Appropriateness of Carotid Ultrasound imaging in a large teaching hospital

L Mc Carthy, D Kelly, N Fanning, G Wyse, P Barry
Department of Acute Medicine, Department of Radiology, Cork University Hospital

Display No: 3

Apatite for Mischief: A review of the manifold manifestations of calcium hydroxyapatite deposition disease.

Z Hutchinson, A Kilcoyne, I Murphy, J Gerstenmaier, C McMahon, E Heffernan.
Department of Radiology, St Vincent's University Hospital, Dublin.

Display No: 4

Acute Appendicitis: A spectrum of presentation

L Fitzgerald, HK Kok, H Delaney, J Feeney, WC Torreggiani
Department of Radiology, Tallaght Hospital, Dublin 24, Ireland.

Display No: 5

Borderline Resectable Pancreatic Cancer: A guide to radiological evaluation using a case-based approach.

CE Redmond, SH McEvoy, LP Lavelle, JW McCann, ER Ryan, CP Cantwell
Department of Radiology, St Vincent's University Hospital, Dublin 4

Display No: 6

Assessment and Management of Patients with Advanced Emphysema – what the Radiologist needs to know.

Dr G Sugrue¹, Dr P Foran¹, Ms K Redmond², Professor J Egan³, Dr J Murray¹, Dr L Lawler¹, Dr C Cronin¹
¹. Department of Radiology, Mater Misericordiae University Hospital, Eccles St, Dublin 7.
². Department of Cardiothoracic Surgery, Mater Misericordiae University Hospital, Eccles St, Dublin 7.
³. Department of Respiratory Medicine, Mater Misericordiae University Hospital, Eccles St, Dublin 7.

Display No: 7

PET Angiography: Early-dynamic PET/CT as a new angiographic modality for direct visualization of large arterial blood vessels

R. Drescher, M. Freesmeyer
Clinic of Nuclear Medicine, Jena University Hospital

Display No: 8

Rationalising myocardial perfusion scintigraphy (MPS) requests audit at a regional service in south Wales.

A. Ben-Mussa, Clinical research fellow in health informatics, Neath Port Talbot Hospital, Port Talbot, UK
M, Heatley, Associate specialist in general medicine and cardiology, Singleton Hospital, Swansea, UK

Display No: 9

Twists, turns and torsions in human body: imaging spectrum

S R Karde, N El Saiety, N Ramesh
Radiology Department, Midland Regional Hospital, Portlaoise

Display No: 10

Imaging features of acute post caesarian complications: Pictorial review

S R Karde¹, T Simelane², N Ramesh¹

Radiology Departments, ¹Midland Regional Hospital, Portlaoise; ² Kerry General Hospital

Display No: 11

Audit of CT Brain {non traumatic} referrals from Emergency Department

M Waheed¹, A Gadew¹, N Ramesh²

¹ Emergency Department, ² Radiology Department, Midland Regional Hospital, Portlaoise

Display No: 12

Imaging Features of Meckel's Diverticulae and Complications Thereof

D. McWeeney¹, S. Ryan², V. Donoghue², M. Morrin¹, M. Lee¹

Radiology Dept, Beaumont Hospital, Dublin 9¹;

Radiology Dept, Temple Street Children's University Hospital, Dublin 1².

Display No: 13

Aortocaval fistula: presentations, diagnosis and management of a rare complication of abdominal aortic aneurysm.

D Ferguson, C Donagh, D Lohan, I Davidson,

Radiology Department, Galway University Hospitals.

Display No: 14

Urine; presenting outside the urothelium.

D Ferguson, B Hutchinson, C Donagh, P McCarthy

Radiology Department, Galway University Hospitals.

Display No: 15

Whole body F-18 sodium fluoride PET/CT in the detection of bone metastases in patients with known malignancies: A pictorial review

J Murphy, P Nicholson, K James, M O'Keeffe, K O'Regan.

Radiology Department, Cork University Hospital, Wilton, Cork.

Display No: 16

MRI-targeted, transrectal ultrasound-guided prostate biopsy for suspected prostate malignancy: A pictorial review

J Murphy, K James, P Nicholson, M O'Keeffe, J Buckley, P Kelly, K O'Regan.

Radiology Department, Cork University Hospital, Wilton, Cork.

Display No: 17

Multidisciplinary Approach to the Management of Metastasis to the Lung.

MK O'Reilly, BD Murphy, K Redmond, J Murray, L Lawlor, C Cronin.

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

Display No: 18

Intraductal papillary mucinous neoplasms, a radiologic-pathologic correlation

E Ni Mhurchu, I Murphy, L Lavelle and S Skehan

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

Display No: 19

Lesions of the pancreaticoduodenal groove, a pictorial review

E Ni Mhurchu, L Lavelle, I Murphy, S Skehan

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

Display No: 20

Coronary Artery Calcium Scoring – Science and Fiction

Irish media, our experience and international data.

ICrosbie, BDMurphy, CFarrelly, PMMahon, JMurray, BDoyle, LPLawler

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

Display No: 21

Retrorectal Masses – A Pictorial Review

P Nicholson¹, E Andrews², M McCourt², J Barry¹

Departments of Radiology¹ and Surgery², Cork University Hospital, Wilton, Cork

Display No: 22

Neuroimaging Findings in Renal Failure and Renal Disease.

RP Brennan, A O'Hare, J Thornton, P Brennan, S Looby.

Department of Academic Radiology, Beaumont Hospital, Dublin.

Display No: 23

Cardiac and Aortic Arch Findings on CT Angiography Head and Neck Studies

Edel Kelliher, Leo Galvin, John Thornton, Alan O'Hare, Paul Brennan, Seamus Looby

Beaumont Hospital, Dublin 9, Ireland



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