

FACULTY OF RADIOLOGISTS
ROYAL COLLEGE OF SURGEONS IN IRELAND

**Albert & Cheyne
Theatres**

Royal College of Surgeons in Ireland,
123 St. Stephens Green, Dublin 2

Professor Peter McCarthy
Dean



**Annual Scientific
Meeting**

**27th - 29th
September 2007**

Radiodiagnosis : 15.5 External CME Credits
Radiation Oncology : 9 External CME Credits
Faculty of Radiologists, R.C.S.I.
RCR CME credits applied for.

Annual Scientific Meeting, Faculty of Radiologists RCSI, 2007

Thursday, 27th September 2007

ROOM A			
Albert Theatre			
09-30-10.30	Evidence Based Medicine: MSc Programme		
11.00 -12.30	Scientific Session 1		
	Lunch		
13.30-15.00	Scientific Session 2		
15:00-15.30	Tea / Coffee Break		
15.30-17.18	Scientific Session 3		

Friday, 28th September, 2007

ROOM A		ROOM B	ROOM C
Cheyne Theatre		TR3	Albert Theatre
	Lecture Theatre	Tutorial Room	Lecture Theatre
08:30 - 09:00	Registration		Registration
9:00 - 10:40	CATEGORICAL SESSION 1		Radiation Oncology Programme, Categorical Session 1 & 2
10:40 - 11:10	Opening of Poster and Technical Exhibitions (Dean)		
	Tea / Coffee Break		
11:10 - 12:50	CATEGORICAL SESSION 2		Tea / Coffee Break 11.00am - 11.20

Friday, 28th September, 2007

ROOM A		ROOM B	ROOM C
Cheyne Theatre		TR3	Albert Theatre
12:50 - 13:30	Honorary Fellows Lecture Professor Nestor Müller High Resolution CT in Idiopathic Interstitial Pneumonia: Radiological, Pathological and Clinical Correlation		Radiation Oncology Programme, Categorical Session 3 commencing at 11.20am
13:30 - 14:30	Lunch - visit industry exhibition	Nuclear Medicine 1.45 - 2.45pm	Lunch - visit industry exhibition 1pm - 2pm
14:30 - 15:00	FACULTY AGM		Radiation Oncology Programme, Categorical Session 4, commencing at 2pm
15:00 - 16:20	CATEGORICAL SESSION 3		
16:20 - 17:00	Haughton Lecture Professor Andy Adam Interventional Radiology: Veni, Vidi, Vanished?		St. Luke's Sponsored Keynote Address at 4pm by Professor Ann Barrett
19:00 for 19.30	Reception, Conferring of Honorary Fellowships and Dinner (Black Tie)		

Saturday, September 29th 2007

ROOM A		ROOM B
Cheyne Theatre		Albert Theatre
08:30 - 09:00	Registration	Registration
09:00 - 10:00	CATEGORICAL SESSION 4	St. Luke's Registrar's Prize
10:00 - 10:30	Case of the Day - Adelaide / Meath Hospital Presentation of Medals	St. Luke's Registrar's Prize
10:30 - 11:00	Tea / Coffee Break	Lunch - visit industry exhibition
11:00 - 12:40	CATEGORICAL SESSION 5	AWARDING OF PRIZES

Faculty of Radiologists, RCSI: Annual Scientific Meeting 2007

Day 1: Thursday, September 27th, 2007

Evidence Based Medicine MSc Programme

09:30 -10:30 Moderator: Dr Dermot Malone, St. Vincent's University Hospital

09:30	CT scoring systems in Acute Pancreatitis: Why, how, when and so what?	Ryan R	St. Vincent's University Hospital
09:40	Diagnosis of cholangiocarcinoma in PSC patients	Killeen R	St. Vincent's University Hospital
09:50	Carotid endarterectomy vs stenting - or just keep taking the statins?	Walsh S	St. Vincent's University Hospital
10:00	Coma in a Kenyan ED - Can imaging help differentiate methanol poisoning from other causes?	Okello R	St. Vincent's University Hospital
10:10	Imaging of Crohn's disease in 2007: MRI, CT or Conventional Enteroclysis?	Heaslip I	St. Vincent's University Hospital
10:20	Getting guidelines into practice: What's the evidence?	Callanan I	St. Vincent's University Hospital

Day 1: Thursday, September 27th, 2007

Scientific Session 1: Albert Lecture Theatre

11:00 - 15:00

Moderator: Dr. Niall McEniff, St. James's Hospital

Time	Control No.	Title	Presenter	Institution	Senior Author
11:00	279-S-2	Endovascular Stent Grafts for Aortic Pathology: A Single Institution Experience	Scanlon	Mater Misericordiae Hospital	Lawler
11:09	279-S-3	The effect of patient body mass on the quality of myocardial SPECT imaging	Mullan	Royal Victoria Hospital	Campbell
11:18	279-S-8	Cardiac Valve Disease: Spectrum of Appearances on Four-Dimensional Cardiac 64-Slice Multidetector CT	Ryan	St. Vincent's University Hospital	Dodd
11:27	279-S-10	New Frontiers in Complex Congenital Heart Disease: 3D Dual Source Cardiac Multidetector CT (DSCT) as a Decision Making Tool in Percutaneous Pulmonary Valve and Arterial And Venous Stent Placement.	Moriarty	Mater Misericordiae Hospital	Lawler
11:36	279-S-15	Computed Tomography Coronary Angiography; Initial experience in a peripheral centre with a 64-slice CT scanner, and comparison with conventional transcatheter coronary angiography	Coyle	Our Lady of Lourdes Hospital	Maher
11:45	279-S-17	Diagnosis & Management of Iatrogenic Pseudoaneurysms: A Single Centre Experience	Long	Mater Misericordiae Hospital	Lawler
11:54	279-S-29	Do Asymptomatic Angiographic Stenoses And Occlusions Become Symptomatic In Patients With Peripheral Vascular Disease?	Keeling	Beaumont Hospital	Lee
12:03	279-S-30	Is C – Reactive Protein (CRP) A Useful Marker For Follow – Up Of Patients After Peripheral Percutaneous Transluminal Angioplasty (PTA)?	Keeling	Beaumont Hospital	Lee
12:12	279-S-31	Patient Doses in Interventional Cardiology: A European Survey	Gray	St. James's Hospital	Malone
12:21	279-S-32	Correlation between Occupational Exposure Levels, Patient Exposure Level and Screening Times	Martin Rodriguez	Mater Misericordiae Hospital	Kenny
12:30 - 13:30		LUNCH			

Day 1: Thursday, September 27th, 2007

Scientific Session 2: Albert Lecture Theatre

Moderator: Dr. Eilish Twomey, Children's University Hospital

Time	Control No.	Title	Presenter	Institution	Senior Author
13:30	279-S-6	Preoperative CXR: Indications and Current Practice	Delaney	St. James's Hospital	Keogan
13:39	279-S-9	The e-Medi project: an educational resource for breast imaging	O'Keeffe	St. James's Hospital	McDermott
13:48	279-S-13	Large Airway Collapse during Forced Expiratory Maneuvers in Adults with Cystic Fibrosis: Evaluation with Cine 64-Slice Real-Time Dynamic MDCT	McDermott	St. Vincent's University Hospital	Dodd
13:57	279-S-18	GP Fast Track Services: A new innovation in Radiology	Dewhurst	Mercy University Hospital	Brady
14:06	279-S-22	DAT scan analysis versus the report.	McMahon	Mater Misericordiae Hospital	O'Connell
14:15	279-S-23	Value of Computer Aided Analysis of 3D PET/CT Brain Imaging in Neurodegenerative Disease	McMahon	Mater Misericordiae Hospital	O'Connell
14:24	279-S-24	Pulmonary Embolism in Pregnancy: Is Nuclear medicine imaging still a valid option?	Ezwawah	Cork University Hospital	Barry
14:33	279-S-25	The impact of pre-operative breast MRI on disease staging and treatment	Murphy	Cork University Hospital	Maher
14:42	279-S-27	A retrospective audit of 100 minimally invasive stereotactic breast biopsies	Chin	University College Hospital Galway	McCarthy

DAY 1: Thursday, September 27th, 2007
Scientific Session 3: Albert Lecture Theatre

Moderator: Professor Michael Maher, Cork University Hospital

15:30 -17:18

Time	Control No.	Title	Speaker	Institution	Senior Author
15:30	279-S-1	Mangafodipir-Enhanced Liver MRI: is 3D imaging only required?	DeLappe	Portiuncula Hospital	Sheppard
15:39	279-S-4	Re-audit of Barium Enema Bowel Preparation and Patient Compliance	McDonnell	Craigavon Area Hospital	Fawzy
15:48	279-S-5	Urolithiasis: How Accurate are Plain Radiographs?	Chan	Adelaide / Meath Hospital	Torreggiani
15:57	279-S-7	Spinal Cord Compression: Analysis Of MRI Service In A General Hospital Setting	Anak Lis	University College Hospital Galway	McCarthy
16:06	279-S-11	Positive Contrast Magnetic Resonance Imaging of Iron: A New Technique	MacMahon	Mater Misericordiae Hospital	
16:15	279-S-12	Intra-arterial doxorubicin-eluting beads in the treatment of unresectable hepatocellular carcinoma: Our initial experience	McDermott	St. Vincent's University Hospital	Brophy
16:24	279-S-14	Perimalleolar Subcutaneous Edema in Acute Ankle Sprain – A Mark of Capsule Disruption at MRI	Murphy	Mater Misericordiae Hospital	Eustace
16:33	279-S-16	An audit of abnormalities found on General Practitioner referrals for ultrasound examination of the upper abdomen	Ni Mhuircheartaigh	University College Hospital Galway	McCarthy
16:42	279-S-19	FDG PET vs. Whole body MRI in the assessment of multiple myeloma disease activity	Shortt	Mater Misericordiae Hospital	Eustace
16:51	279-S-20	MR Imaging of the rectus abdominis / adductor aponeurosis: Findings in the 'sports hernia'	Shortt	Thomas Jefferson University Hospital	Meyers
17:00	279-S-21	Portal Vein Embolisation using flow directed microspheres versus coils prior to hepatic resection.	Hegarty	St.Vincent's University Hospital	Brophy
17:09	279-S-28	Optimizing Bowel Preparation for Multidetector Row CT Colonography: Comparison of Three Different Cleansing Preparations	Slattery	Beaumont Hospital	Morrin

Faculty of Radiologists, RCSI: Annual Scientific Meeting 2007

DAY 2: Friday, September 28th, 2007

Categorical Session 1 : Cardia CT / MRI I

Moderator: Prof. Peter McCarthy, Dean, Faculty of Radiologists

9:00 - 10:40

Time	Title	Speaker	Hospital
9:00 - 9:20	Basics: From service set-up to patient selection	S. Harden	Southampton University Hospitals NHS Trust
9:20 - 09:40	Normal Anatomy, function and normal variants	J. Dodd	St. Vincent's University Hospital
09:40 - 10:00	Cardiac Imaging: A Cardiologist's Perspective	N. Mahon	Mater Misericordiae Hospital
10:00 - 10:20	Coronary Artery Bypass Grafting	A. Graham	Royal Victoria Hospital
10:20 - 10:40	Calcium Scoring and Plaque Imaging	L. Lawler	Mater Misericordiae Hospital

Categorical Session 2 : Cardiac CT / MRI II

Moderator: Dr. David McInerney, Consultant Radiologist, Adelaide / Meath Hospital

11:10 - 12:50

Time	Title	Speaker	Hospital
11:10 - 11:30	Coronary CTA: How I do it	S. Harden	Southampton University Hospitals NHS Trust
11:30 - 11:50	Cardiac CTA Technique - Problem Solving	L. Lawler	Mater Misericordiae Hospital
11:50 - 12:10	Dual Source CT - Machine Dose	P. Gilligan	Mater Private Hospital
12:10 - 12:30	Paediatric CT / MRI	C. MacMahon	Our Lady's Hospital for Sick Children, Crumlin
12:30 - 12:50	Endovascular Pulmonary valve and Coarctation	K. Walsh	Mater Misericordiae Hospital and Our Lady's Hospital for Sick Children, Crumlin

Day 2: Friday, September 28th, 2007

12:15 - 12:45

Honorary Fellows Lecture

Title High Resolution CT in Idiopathic Interstitial Pneumonia: Radiological, Pathological and Clinical Correlation

Professor Nestor Müller

Professor and Chairman, Department of Radiology, University of British Columbia

Moderator: Prof. Peter McCarthy, Dean, Faculty of Radiologists

14:30 - 15:00

Faculty of Radiologists A.G.M.

Categorical Session 3 : Cardiac CT / MRI III

Moderator: Dr. Éamann Breatnach, Consultant Radiologist, Mater Misericordiae Hospital

15:00 - 16:20

Time	Title	Speaker	Hospital
15:00 - 15:20	Cardiac CT and other Pathologies	J. Dodd	St. Vincent's University Hospital
15:20 - 15:40	MRI - Perfusion	J. Meaney	St. James's Hospital
15:40 - 16:00	MRI Cardiomyopathies	J. Murray	Mater Misericordiae Hospital
16:00 - 16:20	MR Coronary angiography	D. Tuite	Northwestern Memorial Hospital & Northwestern University Feinberg School of Medicine

16:20 - 17:00

Haughton Lecture

Title Interventional Radiology: Veni, Vidi, Vanished ?

Professor Andy Adam

President ESR & President Elect Royal College of Radiologists

Moderator: Prof. Peter McCarthy, Dean, Faculty of Radiologists

Faculty of Radiologists, RCSI: Annual Scientific Meeting 2007

DAY 3: Saturday, September 29th 2007

Categorical Session 4 : Carotid and Cerebrovascular Disease: Diagnosis and Therapy

Moderator: Dr. Anthony O'Dwyer, Consultant Radiologist, Beaumont Hospital

9:00 - 10:00

Time	Title	Speaker	Hospital
9:00 - 9:20	Carotid disease. Diagnosis and Therapy	J. Thornton	Beaumont Hospital
9:20 - 09:40	Stroke Thrombolysis / thrombectomy	G. Wyse	Johns Hopkins University School of Medicine Baltimore, MD, USA
09:40 - 10:00	Vertebrobasilar Disease: Diagnosis & Therapy	P. Flynn	Royal Victoria Hospital

10:00 - 10:30 CASE OF THE DAY PANEL: DIAGNOSES AND DISCUSSION

Adelaide / Meath Hospital

Moderator: Dr. James Masterson, Consultant Radiologist, Faculty of Radiologists

DAY 3: Saturday, September 29th 2007

Presentation of Medals

Moderator: Prof. Peter McCarthy, Dean, Faculty of Radiologists

Categorical Session 5 : Venous Disease

Moderator: Dr. Lynn Johnston, Consultant Radiologist, Belfast City Hospital

11:00 - 12:40

Time	Title	Speaker	Hospital
11.00 - 11.20	Venous access	I. Kelly	Waterford Regional Hospital
11.20 - 11.40	IVC Filters	M. Lee	Beaumont Hospital
11.40 - 12.00	IVC Stenosis: Diagnosis and Therapy	G. O'Sullivan	University College Hospital Galway
12.00 - 12.20	DVT - CT Venography and Image Guided Therapy	D. Brohpy	St. Vincent's University Hospital
12.20 - 12.40	Central Venous Stenosis. Diagnosis and Therapy	L. Lawler	Mater Misericordiae Hospital

Annual Scientific Meeting, Faculty of Radiologists RCSI, 2007

POSTER PRESENTATIONS

- Display No. 1** **Are you sitting comfortably? Ergonomics of PACS – Good Vs. Bad Practices**
Dr Sanjay Gandhi 1, Dr. Mahesh Baj 2, Dr Muhammad Hanif 3,
1 Frenchay Hospital, Bristol, 2 Roscommon Hospital, Ireland, 3 Severn Radiology Training scheme, UK
- Display No. 2** **Inferior Vena Cava Stenting for Lower Limb Oedema in Patients with Malignancy- our Institutional Experience**
E DeLappe, J ni Mhuircheartaigh, C Meehan, G O'Sullivan
Dept of Radiology, University College Hospital Galway.
- Display No. 3** **Urinary Collecting System Trauma- Radiological Findings of Renal Pelvis, Ureter and Bladder Injury**
E DeLappe, C Cronin, M Browne, C O'Riordan, PA McCarthy
Dept of Radiology, University College Hospital Galway.
- Display No. 4** **The Study of the Biomechanical Status of the Renal Artery through Experimentation**
Deirdre King¹, Michael Ring², Carmel M Moran³, M Hussey¹ and Jacinta E Browne¹
¹Medical Ultrasound Group, School of Physics, Dublin Institute of Technology, Kevin Street, Dublin 8
²Department of Applied Technology, School of Manufacturing & Design Engineering, Dublin Institute of Technology, Bolton Street, Dublin 8
³Medical Physics Unit, University of Edinburgh, Edinburgh
- Display No. 5** **A rare case of minimal deviation adenocarcinoma of the uterine cervix in a renal transplant recipient**
Deirdre Fanning¹, Christian Gulmann¹, Paul Byrne³, Dilly Little²
1. Department of Urology and Transplantation
2. Department of Histopathology
3. Department of Gynaecology, Beaumont Hospital, Dublin 9, Ireland

Display No. 6

An unusual presentation of cancer of the urachal remnant following repair of bladder exstrophy

Deirdre Fanning¹, Muna Sabah², Dilly Little¹

1. Department of Urology and Transplantation

2. Department of Histopathology, Beaumont Hospital, Dublin 9, Ireland

Display No. 7

A role for myelography in assessing paraparesis

Merwick A¹, O'Sullivan SS¹, O'Regan KN², Marks CJ³, Ryder DQ², Sweeney BJ¹

¹ Department of Neurology, Cork University Hospital, Wilton, Cork

² Department of Radiology, Cork University Hospital, Wilton, Cork

³ Department of Neurosurgery, Cork University Hospital, Wilton, Cork

Display No. 8

Idiopathic Lymphocytic Pleuritis: Longitudinal Changes on High-Resolution CT

David H. O' Donnell¹, Terence M. O Connor², Thomas Crotty⁴, Timothy McDonnell³, Walter McNicholas³, Charles. G. Gallagher³, Jonathan D. Dodd¹.

¹Department of Radiology, St. Vincent's University Hospital, Elm Park, Dublin 4, Ireland.

²Department of Respiratory Medicine, Mercy Hospital, Grenville Place, Cork

³Department of Respiratory Medicine, St. Vincent's University Hospital, Elm Park, Dublin 4, Ireland.

⁴Dept of Pathology, St. Vincent's University Hospital, Elm Park, Dublin 4, Ireland.

Display No. 9

Computed Tomography Pulmonary Angiography: A Sample of Experience at a District General Hospital

JA Soye, CB Loughrey, PD Hanley

Department of Radiology, Ulster Hospital, Belfast

Display No. 10

The IVC- Diagnostic Imaging and Interventional Therapies

CM Shaw, JM Moriarty, DT Murphy, LP Lawler

Mater Misericordiae Hospital, Eccles Street, Dublin 7

- Display No. 11** **Cardiac Carcinoid: Appearances on Echocardiography, Cardiac MRI and Cardiac 64-slice MDCT**
Carole A. Ridge¹, Ramon Martos², Martin Quinn², Kenneth McDonald², Peter Quigley², Jonathan D. Dodd¹
Cardiac CT/MRI Program, Departments of Radiology¹ and Cardiology², St Vincent's University Hospital, Elm Park, Dublin 4.
- Display No. 12** **Renal Angiomyolipomas: A pictorial review**
S. Leong, A. Keeling, F. McGrath, M.J. Lee
Department of Radiology, Beaumont Hospital, Dublin 9.
- Display No. 13** **Preliminary Methods for the Development of an Anthropomorphic Breast Phantom**
Louise M. Cannon¹, Matthew Hussey², Jacinta E. Browne¹
¹ *Medical Ultrasound Group, School of physics, Dublin Institute of Technology.*
² *School of Physics, Dublin Institute of Technology.*
- Display No. 14** **Imaging of the Acute Abdomen in Haematology Patients**
Delaney H, O Keefe S, Keogan M
Department of Diagnostic Imaging, St. James` Hospital, Dublin 4.
- Display No. 15** **Patient Compliance and Discomfort Following Increased Barium Enema Preparation**
Dr O McDonnell, Dr M Fawzy
Craigavon Area Hospital, Craigavon, Belfast
- Display No. 16** **Ebstein's Anomaly: Evaluation with Cardiac 64-Slice Multidetector CT and Correlation with Echocardiography**
Simon L. F. Walsh¹, Ramon Martos², Peter. Quigley², Jonathan D. Dodd¹.
*Cardiac CT Program and Department of Radiology¹ and Department of Cardiology²,
St. Vincent's University Hospital, Dublin*

- Display No. 17** **Subintimal Angioplasty for Critical Leg Ischaemia The Belfast Experience**
R McConville¹, AJ Collins¹, PK Ellis¹, PT Kennedy¹, M Love¹, PH Blair²
1 Department of Radiology, 2 Department of Vascular Surgery, Royal Victoria Hospital, Belfast
- Display No. 18** **A Controlled Trial Investigating the Benefit Derived from Endovascular Closure of Large Calibre Arteriotomies**
R McConville¹, PT Kennedy¹, PH Blair², AJ Collins¹, PK Ellis¹, AG McKinley², DW Harkin²
1 Department of Radiology, 2 Department of Vascular Surgery, Royal Victoria Hospital, Belfast
- Display No. 19** **Percutaneous Nephrolithotomy: Procedure Planning, Technical Considerations, and Postprocedure Evaluation**
E Ward, H Stunell, O Doody, R Browne
Radiology Department, Adelaide / Meath Hospital, Tallaght, Dublin
- Display No. 20** **Pre-operative assessment of local disease extent in patients with breast malignancy. What, where, how, when and why?**
E. Thornton, S. Looby, L. Hanlon, M. Lee, D M Duke.
Department Of Radiology, Beaumont Hospital, Dublin
- Display No. 21** **A retrospective review of 5 years of experience in treating carotid stenosis with endovascular stenting**
Lindsay, R., Ellis, P. K., Collins, A., Kennedy, P.
Radiology Department, Royal Victoria Hospital, Belfast
- Display No. 22** **Honeycomb Cysts in Idiopathic Pulmonary Hemosiderosis: High-Resolution CT Appearances in Two Adults**
Susannah Harte, Eoin P. Judge, Walter T. McNicholas, Seamus C. Donnelly, Jonathan D. Dodd
Department of Radiology and Respiratory Medicine, St. Vincent's University Hospital, Dublin

- Display No. 23** **CT Findings in Diseases of the Peritoneum and Omentum .**
R Gullipalli, E Napier and E Murtagh
Radiology Department, Belfast City Hospital, Belfast
- Display No. 24** **MRI Lumbar Spine Audit**
L.C. Bamford, E. McKenna, J.Turner, R.McNally
Radiology Department, Ulster Hospital, Dundonald
- Display No. 25** **Bouveret's Syndrome**
L.C. Bamford, E. McKenna.
Ulster Hospital, Dundonald
- Display No. 26** **Dual Source coronary CT angiography- Insights into limits, artefacts and potential solutions to improve image quality and reproducibility.**
S Shine, LP Lawler
Radiology Department, Mater Misericordiae Hospital, Dublin
- Display No. 27** **Pictorial Review of Metastatic Manifestations of Breast Cancer in the Abdomen**
O'Donoghue, P., Ryan, M., Relihan, N., Barry, J
Department of Radiology and Department of Surgery, Cork University Hospital, University College Cork
- Display No. 28** **Interventional Techniques: Novel Diagnostic and Therapeutic Approaches to Old and Complex Problems in the Biliary and Urinary Systems**
Murphy DT, Moriarty JM, Shaw C, Lawler LP
Mater Misericordiae University Hospital, Dublin

- Display No. 29** **Osteonecrosis of the Jaw – New Name For An Old Disease: Re-Emergence Of The ‘Phossy Jaw’**
Murphy DT¹, MacMahon P¹J, O’Gorman P², Eustace SJ¹.
Departments of ¹Radiology and ²Haematology, Mater Misericordiae University Hospital, Dublin
- Display No. 30** **The Extended role of Radiographers reporting Orbit Radiographs for Intraocular Foreign Bodies in the MRI Department of a DGH**
O McDonnell, A Carson, M Vickers
Radiology Department, Craigavon Area Hospital, Craigavon
- Display No. 31** **Exclusion Of Lens In Cranial CT**
O McDonnell, A Carson
Radiology Department, Craigavon Area Hospital, Craigavon, Craigavon
- Display No. 32** **Who should insert the rectal catheter prior to a barium enema examination - an audit of patient preference**
O McDonnell, M Fawzy
Radiology Department, Craigavon Area Hospital, Craigavon
- Display No. 33** **Cabrol Shunt for Iatrogenic Aortic Dissection: Evaluation with Cardiac 64-Slice MDCT**
R Okumu¹, D O’Donnell¹, R Artous², D Luke², C J. McCreery², J D. Dodd¹
Cardiac CT/MRI program, Departments of Radiology¹ and Cardiology², St. Vincent’s University Hospital, Dublin
- Display No. 34** **Efficacy Of Single Level Lumbar Nerve Root Injections**
D Gracey, D Taylor, JM Elliott, MD Crone
Musgrave Park Hospital, Belfast Hospitals Trust, Belfast

- Display No. 35** **MDCT of the Renal Vascular Pedicle: Normal Anatomy, Variants and Clinical applications: Pictorial Review**
S Sivanand, M Vusirikala, N Ramesh
Portlaoise Regional Hospital, Portlaoise
- Display No. 36** **A typical Chest Pain: Triple Vascular Assessment with MDCT: Initial Experience at Various Centres**
K.V. Rao¹, K Reddy¹; F Khosa², S Sivanand³, N Ramesh³
1. Chest Pain Clinic, Cardiology and Imaging Centre, Hyderabad, India; 2. Beth Israel Deaconess Medical Centre, Harvard Medical School, Boston, USA; 3. Portlaoise Regional Hospital, Portlaoise
- Display No. 37** **Investigating Recurrent Urinary Tract Infection and Microscopic Haematuria: is there a Role for the Intravenous Urogram?**
Bracken J, Thornton E, Hanlon L, Morrin M, Lee M
Radiology Department, Beaumont Hospital, Dublin
- Display No. 38** **Diseases of Thymus: Review of the role of imaging in Patient's management**
O Ezwawah, M Maher, J Barry
Radiology Department, Cork University Hospital, Cork.
- Display No. 39** **Top Ten Reasons for Imaging the Eye in a Brain CT**
Mullan, D. Brady, J. Gough, V. Powell, S.
Department of Clinical Radiology, Royal Liverpool University Hospital, United Kingdom
- Display No. 40** **Pictorial Review of the Sonographic Features of Ductal Carcinoma in Situ, (DCIS)**
O'Donoghue, P., Ryan, M., Relihan, N., Redmond P, Barry, J
Department of Radiology and Department of Surgery, Cork University Hospital, University College Cork

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PAPER PRESENTATIONS

- Control No: 279-S-1** **Mangafodipir-Enhanced Liver MRI: is 3D imaging only required?**
E. DeLappe, A McVey, D G Sheppard, B Kanagaratnam.
Portiuncula Hospital Ballinasloe, UCHG, Galway and NUI Galway.
- Control No: 279-S-2** **Endovascular Stent Grafts for Aortic Pathology: A Single Institution Experience.**
TG Scanlon, N Long, J Moriarty, LP Lawler.
Department of Radiology Mater Misericordiae University Hospital.
- Control No: 279-S-3** **The effect of patient body mass on the quality of myocardial SPECT imaging**
CP Mullan, H Long, NPS Campbell
Department of Cardiology, Royal Victoria Hospital, Belfast
- Control No: 279-S-4** **Re-audit of Barium Enema Bowel Preparation and Patient Compliance**
Dr O McDonnell, Dr M Fawzy
Craigavon Area Hospital, Craigavon, Belfast
- Control No: 279-S-5** **Urolithiasis: How Accurate are Plain Radiographs?**
VO. Chan, O. Buckley , T. Persaud, WC. Torreggiani
Department of Radiology, Adelaide and Meath Hospital, Tallaght, Dublin
- Control No: 279-S-6** **Preoperative CXR: Indications and Current Practice**
Delaney H, McCoubrey B, Keogan M
Department of Radiology ,St. James`s Hospital, Dublin 8
- Control No: 279-S-7** **Spinal Cord Compression: Analysis Of MRI Service In A General Hospital Setting**
Esther S. Anak Lis, Anne Michelle Browne, Peter A. McCarthy
Department of Radiology, University Hospitals, Galway Ireland
- Control No: 279-S-8** **Cardiac Valve Disease: Spectrum of Appearances on Four-Dimensional Cardiac 64-Slice Multidetector CT**
E. Ronan Ryan¹, Samer Arnous², Charles McCreery, Martin Quinn², Jonathan D. Dodd¹
Cardiac CT/MRI Program, Department of Radiology¹ and Cardiology², St. Vincent's University Hospital, Dublin
- Control No: 279-S-9** **The e-Medi project: an educational resource for breast imaging**
S. O'Keeffe, G. Boyle, R. McDermott
Department of Radiology, St. James's Hospital, Dublin 8

- Control No: 279-S-10** **New Frontiers in Complex Congenital Heart Disease: 3D Dual Source Cardiac Multidetector CT (DSCT) as a Decision Making Tool in Percutaneous Pulmonary Valve and Arterial And Venous Stent Placement.**
Moriarty JM¹, Murphy DT¹, Margey RJ², McMahon CJ³, Walsh KP², Lawler LP¹
1: Department of Radiology, Mater Misericordiae University Hospital, Dublin
2: Department of Cardiology, Mater Misericordiae University Hospital, Dublin
3: Department of Cardiology, Our Lady's Hospital for Sick Children, Crumlin
- Control No: 279-S-11** **Positive Contrast Magnetic Resonance Imaging of Iron: A New Technique.**
MacMahon PJ.
Department of Radiology, Mater Misericordiae University Hospital
- Control No: 279-S-12** **Intra-arterial doxorubicin-eluting beads in the treatment of unresectable hepatocellular carcinoma: Our initial experience**
S McDermott, C Brennan, VO Chan, D Brophy
St Vincent's University hospital, Elm Park, Dublin 4
- Control No: 279-S-13** **Large Airway Collapse during Forced Expiratory Maneuvers in Adults with Cystic Fibrosis: Evaluation with Cine 64-Slice Real-Time Dynamic MDCT**
Shaunagh McDermott¹, Sinead C. Barry², Eoin E. Judge², Edward McKone², Charles C. Gallagher², Jonathan D. Dodd¹
Departments of Radiology¹ and National referral Centre for Adult Cystic Fibrosis² St Vincent's University Hospital, Dublin
- Control No: 279-S-14** **Perimalleolar Subcutaneous Edema in Acute Ankle Sprain – A Mark of Capsule Disruption at MRI**
Murphy DT, Shine SC, MacMahon PJ, Eustace SJ.
Department of Radiology, Mater Misericordiae University Hospital, Dublin
- Control No: 279-S-15** **Computed Tomography Coronary Angiography; Initial experience in a peripheral centre with a 64-slice CT scanner, and comparison with conventional transcatheter coronary angiography**
Coyle J, Keelan P, Towers M, Maher M.
Our Lady of Lourdes Hospital Drogheda
- Control No: 279-S-16** **An audit of abnormalities found on General Practitioner referrals for ultrasound examination of the upper abdomen**
J Ni Mhuircheartaigh, S Cavanagh, C O'Riordan, C. Cronin, P McCarthy
Department of Radiology, University Hospitals, Galway
- Control No: 279-S-17** **Diagnosis & Management of Iatrogenic Pseudoaneurysms: A Single Centre Experience**
N Long, D Murphy, CO McDonnell, LP Lawler
Department of Radiology Mater Misericordiae University Hospital
Department of Vascular Surgery Mater Misericordiae University Hospital

- Control No: 279-S-18** **GP Fast Track Services: A new innovation in Radiology**
Radiology Department, Mercy University Hospital, Cork.
C. Dewhurst, E. Fitzgerald, A. Brady
- Control No: 279-S-19** **FDG PET vs. Whole body MRI in the assessment of multiple myeloma disease activity**
CP Shortt, K Breen, T Gleeson, P O’Gorman, MJ O’Connell, SJ Eustace
Cappagh National Orthopaedic Hospital and Mater Misericordiae Hospital, Dublin
- Control No: 279-S-20** **MR Imaging of the rectus abdominis / adductor aponeurosis: Findings in the ‘sports hernia’**
C Shortt, A Zoga, E Kavanagh, I Omar, D Bergin, W Morrison, W Meyers
Thomas Jefferson University Hospital, Philadelphia
- Control No: 279-S-21** **Portal Vein Embolisation using flow directed microspheres versus coils prior to hepatic resection.**
Hegarty, C¹; Chan, V¹; Brophy DP¹.
¹Department of Radiology, St. Vincent’s University Hospital
- Control No: 279-S-22** **DAT scan analysis versus the report.**
MA McMahon¹, M Rowan², D O’Sullivan³, S McGuire⁴, MJ O’Connell³.
*¹Department of Radiology, Nottingham University Campus, Derby Road, Nottingham, NG7 2HU, UK.
²Department of Medical Physics, Mater Misericordiae Hospital, Eccles Street, Dublin 8, Ireland.
³Division of Nuclear Medicine, Department of Radiology, Mater Misericordiae Hospital, Eccles Street, Dublin 8, Ireland.
⁴Department of Medical Physics, Mater Private Hospital, Eccles Street, Dublin 8, Ireland.*
- Control No: 279-S-23** **Value of Computer Aided Analysis of 3D PET/CT Brain Imaging in Neurodegenerative Disease**
MA McMahon¹, C Shortt², S McGuire³, MJ O’Connell²
*¹Department of Radiology, Nottingham University Campus, Derby Road, Nottingham, NG7 2HU, UK.
²Division of Nuclear Medicine, Department of Radiology, Mater Misericordiae Hospital, Eccles Street, Dublin 8, Ireland.
³Department of Medical Physics, Mater Private Hospital, Eccles Street, Dublin 8, Ireland.*
- Control No: 279-S-24** **Pulmonary Embolism in Pregnancy: Is Nuclear medicine imaging still a valid option?**
Radiology Department, Cork University Hospital, Cork.
O Ezwawah, M Ryan, J Barry
- Control No: 279-S-25** **The impact of pre-operative breast MRI on disease staging and treatment**
G Murphy*; JE Barry*; MF Ryan*; N Relihan[#]; HPF Redmond[#]; MM Maher*
Departments of Radiology and Surgery[#], Cork University Hospital*
- Control No: 279-S-27** **A retrospective audit of 100 minimally invasive stereotactic breast biopsies**
JZ. Chin, Dr. J. Ni Mhuircheartaigh, Dr. I. Sweeney, Prof. P. McCarthy.
Department of Radiology, University College Hospital Galway

- Control No: 279-S-28** **Optimizing Bowel Preparation for Multidetector Row CT Colonography: Comparison of Three Different Cleansing Preparations**
Slattery MM, Thornton E, Keeling A, Morrin MM
Department of Radiology, Beaumont Hospital, Dublin
- Control No: 279-S-29** **Do Asymptomatic Angiographic Stenoses And Occlusions Become Symptomatic In Patients With Peripheral Vascular Disease?**
Keeling AN, ¹ Khalidi K, ¹ Naughton PA, ² McGrath FP, ¹ Lee MJ. ¹
¹Department of Academic Radiology, ²Department of Vascular Surgery, Beaumont Hospital, Dublin
- Control No: 279-S-30** **Is C – Reactive Protein (CRP) A Useful Marker For Follow – Up Of Patients After Peripheral Percutaneous Transluminal Angioplasty (PTA)?**
Keeling AN, ¹ Naughton PA, ² Duggan W, ² Kelly CP, ² McGrath FP, ¹ Leahy AL, ² Bouchier-Hayes DH, ² Lee MJ. ¹
¹Department of Academic Radiology, ²Department of Vascular Surgery, Beaumont Hospital, Dublin
- Control No: 279-S-31** **Patient Doses in Interventional Cardiology: A European Survey**
¹Gray L, ²Padovani R, ¹Dowling A, ³Malone J F
*1 Medical Physics and Bioengineering Department, St. James's Hospital, Dublin, Ireland.
2 UO di Fisica Sanitaria, Ospedale Santa Maria Della Misericordia, Udine, Italy.
3 The Haughton Institute, St. James's Hospital, Dublin*
- Control No: 279-S-32** **Correlation between Occupational Exposure Levels, Patient Exposure Level and Screening Times**
Z.Martin-Rodriguez, M.Lewis, P. Kenny
Mater Misericordiae University Hospital

Faculty of Radiologists, Annual Scientific Meeting, 28th September & 29th September 2007

Radiation Oncology Programme

9.00 – 9.05	Session 1: Chair - Dr. Catriona O’Sullivan Opening of Annual Scientific Meeting	
9.05 – 9.30	“Training & Opportunities in the UK”	<i>Professor Ann Barrett</i>
9.30 – 9.35	Open Discussion	Discussants: <i>Dr. Jerome Coffey, Dr Brian O’Neill</i>
9.35	Session 2: Chair - Dr Moriarty Management of Cancer in Uganda	
9.35 – 9.55	“Palliative Care in Uganda”	<i>Dr. Anne Merriman, Director of Palliative Care Services</i>
9.55 – 10.15	“Radiotherapy Treatment in Uganda”	<i>Dr. Orla McArdle</i>
10.15 – 11.00	Chair & Introduction - Professor John Armstrong Valedictory Lecture	“Radiation Oncology & Cancer Survivorship” <i>Dr Michael Moriarty</i>
11.00 - 11.20	COFFEE	
11.20	Session 3: Chair - Professor Donal Hollywood Radiation Biology Research	
11.20 – 11.30	Introduction	<i>Professor Donal Hollywood</i>
11.30 – 11.45	“Radiation-activated Gene Therapy”	<i>Dr Laure Maignol, TCD Research Fellow</i>

11.45 – 12.00	“Vascular & Coagulopathy Normal Tissue Complication”	<i>Dr Moya Cunningham, TCD Research Fellow</i>
12.00 – 12.45	“New development in Molecular Radiation Biology from targeted Radiation approaches”	<i>Professor Kevin Prise – Radiation Biology, Belfast City Hospital</i>
13.00 – 14.00	LUNCH	
14.00	Session 4: Chair - Dr. Clare Faul Innovations in Radiotherapy	
14.00 – 14.20	“Radical Chemoradiotherapy in the Management of Rectal Carcinoma”	<i>Dr Brian O’Neill</i>
14.20 – 14.50	“Update on Surgical Management of Colorectal Cancer”	<i>Mr John Hyland</i>
14.55 – 15.15	“Update on Medical Oncology Management of Colorectal Cancer”	<i>Dr Liam Grogan</i>
15.15 – 15.20	Discussion	
15:20 – 15.55	“Tomotherapy”	<i>Dr. Nadeem Pervez</i>
16.00	Session 5: Chair - Dr. Pierre Thirion ST LUKE’S SPONSORED KEYNOTE ADDRESS	
16.00 – 16.50	“REACT” Recording, Education and Amelioration of the Consequences of Treatment Group	<i>Professor Ann Barrett</i>

St. Luke's Registrar's Prize

Saturday 29th September 2007

Chairman – Dr Catriona O'Sullivan

Selection Committee –

- Professor Ann Barrett
- Dr Jerome Coffey
- TBA

9.00 – 10.30 Part 1

- | | |
|----------------|---|
| 9:00 – 9:15 | Dr C Gillham
Additional FDG PET-CT in week 5-6 of radiotherapy for patients with NSCLC as a means of dose escalation planning |
| 9:15 – 9:30 | Dr C Brett
Establishing treatment set-up errors for IMRT prostate patients in St Luke's Hospital |
| 9:30 – 9:45 | Dr O McArdle
Spinal Cord Compression versus impending Spinal Cord Compression: prospective study of patient characteristics and survival |
| 9:45 – 10:00 | Dr A Mihai
Daily megavoltage CT in assessment of the variation of prostate gland and seminal vesicles position, in High-Risk Prostate undergoing hypofractionated / dose Escalated dynamic IMRT (Helical Tomotherapy) |
| *10:00 – 10:15 | Dr O McArdle
Preoperative radiotherapy for rectal cancer – evidence based definition of the clinical target volume for conformal planning |
| 10.15 – 10.30 | Dr C Gillham
A Retrospective Review of Cetuximab Usage in Head and Neck Cancer at St Luke's Hospital, Dublin |
| 10.30 – 10.45 | COFFEE |

10.45 – 12.45

Part 2

10.45 – 11:00

Dr O McArdle

Predicting survival in an unselected glioblastoma multiforme population – use of the RTOG recursive partitioning analysis

11:00 – 11:15

Ms L Mullaney

A Randomised Trial Comparing Bladder Volume Consistency Achieved with Two Bladder-Filling Protocols in Prostate Conformal RT

11:15 – 11:30

Dr S Brennan

Predictive Factors for Conformity Index in Radiotherapy for Non Small Cell Lung Cancer

11:30 – 11:45

Dr M Samsa

Assessment of Moves required on Set-up for Head & Neck Radiotherapy: Supplemental Training and Audit before commencing IMRT

11:45 – 12:00

Dr S Brennan

The effect of high dose irradiation on Pulmonary Function in Non Small Cell Lung Cancer

12:00 – 12:15

Dr G Hanna

The Use of PET/CT in the Radiotherapy Treatment Planning Process for Non Small Cell Lung Cancer: What impact on the GTV?

12:15 – 12:30

Dr P Kelly

Absorbable mesh sling use in reducing potential radiation-induced small bowel injury in definitive prostate radiation

12.45

Awarding of Prizes & Photos

Poster Presentations

1. **Dr D Bracken**
Implementation of a Hygiene Clinical Audit System in a Radiotherapy Department
2. **Dr S M Hasnain**
Retrospective Survey of I¹³¹ over eight years in St Luke's Hospital
3. **Dr L Walsh**
Percutaneous Endoscopic Gastrostomy Tube Placement before Commencing Combined Radiotherapy and Cetuximab for Head & Neck Cancer

