





# ANNUAL SCIENTIFIC MEETING 25TH - 27TH SEPTEMBER 2014

Faculty of Radiologists
Dámh na Raideolaithe
Royal College of Surgeons in Ireland
CPD Credits Awarded
Diagnostic Radiology: 15 maximum
Radiation Oncology: 8 maximum

Royal College of Radiologists CPD Credits Awarded Diagnostic Radiology: 14 maximum Radiation Oncology: 8 maximum

Faculty of Radiologists Dámh na Raideolaithe

Annual Scientific Meeting 25th - 27th September 2014

Dr Barry Kelly Dean



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

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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: for2014@abbey.ie

# MEETING AT A GLANCE

# Diagnostic Radiology Programme

# THURSDAY 25TH SEPTEMBER

O'Flanagan Theatre, RCSI

8.30am	Registration
9.00am	Welcome Address, Dr. Barry Kelly, Dean, Faculty of Radiologists
9.00am	Emergency / On Call Radiology
10.30am	Tea/Coffee
11.00am	Scientific Session I
12.30pm	Lunch
1.30pm	Hot Topics
3.00pm	Tea/Coffee
3.30pm	Musculoskeletal Radiology

# FRIDAY 26TH SEPTEMBER

O'Flanagan Theatre, RCSI

8.30am	Registration
9.00am	SPECT CT
10.30am	Tea/Coffee and Opening of Poster & Technical Exhibition
11.00am	Scientific Session II
12.30pm	Lunch
1.30pm	Faculty of Radiologists Annual General Meeting
2.00pm	Imaging the Pregnant Patient
3.30pm	Tea/Coffee
4.00pm	Fellow's Lecture
7.00pm	Black Tie Dinner & Honorary Conferring Awarding of Medals/Prizes

Parallel Ses Tutorial Roc	
11.00am	Cardiac Subgroup Meeting
2.15pm	Breast Subgroup Meeting

# SATURDAY 27TH SEPTEMBER

O'Flanagan Theatre, RCSI

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

# MEETING AT A GLANCE

# Radiation Oncology Programme

# FRIDAY 26TH SEPTEMBER

Cheyne Theatre, RCSI

9.00am	Registration
9.30am	Opening of Meeting
9.40am	Session I
10.40am	Tea/Coffee
11.00am	Session 2
1.00pm	Lunch
2.00pm	Session 3
4.00pm	Session 4

# St. Luke's Registrar's Prize

# SATURDAY 27TH SEPTEMBER

Cheyne Theatre, RCSI

9.00am	Registration
9.30am	Part I: Clinical
10.30am	Tea/Coffee
11.00am	Part II: Non-Clinical
12.30pm	Awarding of Prizes & Photos

# **THURSDAY 25TH SEPTEMBER**

O'Flanagan Theatre, RCSI

Faculty of Radiologists CPD Credits: 6 Credits (External)

Royal College of Radiologists CPD Credits: 6 Category 1 CPD Credits

Registration		
Welcome Address, Dr. Barry Kelly, Dean, Faculty of Radiologists		
Emergency / On Call Radiology		
Acute Neuroradiology Imaging	TBA	
Imaging Abdominal Emergencies	Dr. P. MacMahon /Mater Misericordiae University Hospital	
Acute Traumatic and Non Traumatic Chest Imaging	Dr. K. O'Regan / Cork University Hospital	
Emergency Intervention	Dr. W. Torregiani /Adelaide & Meath National Children's Hospital	
Panel Discussion		
Tea/Coffee (Examinations Hall)		
Scientific Session I		
	Welcome Address, Dr. Barry Kelly, I Emergency / On Call Radiology Acute Neuroradiology Imaging Imaging Abdominal Emergencies Acute Traumatic and Non Traumatic Chest Imaging Emergency Intervention Panel Discussion Tea/Coffee (Examinations Hall)	

Moderator: Dr. M. Ryan / Cork University Hospital

TIME	TITLE	PRESENTER	INSTITUTION	SENIOR AUTHOR	CITY
11:00am	The Role of Herniography in the Detection of Occult Inguinal Herniae.	H. Ferris	Mercy University Hospital	Brady	Cork
11:09am	Factors influencing the accuracy of magnetic resonance imaging in the assessment of disease response following neoadjuvant chemotherapy in locally advanced breast cancer	J. Murphy	Cork University Hospital	Barry	Cork
11:18am	Molecular Breast Imaging at Reduced Radiation Dose for Supplemental Screening in Mammographically Dense Breasts	M. O'Connor	Mayo Clinic	Rhodes	USA
11:27am	Apparent diffusion coefficient and fractional anisotropy values as biomarkers for treatment response in breast cancer.	E. Joyce	St James's Hospital	O'Keeffe	Dublin
11:36am	Cardiomyopathy: Diagnostic Accuracy of Standard Axial 64-Slice Chest CT Compared to Dedicated Cardiac Image Plane Cardiac MRI	D. Murphy	St Vincent's University Hospital	Dodd	Dublin
11:45am	A Retrospective Review of Bilateral Inferior Petrosal Sinus Sampling in a Tertiary Referral Centre.	N. Adams	Beaumont Hospital	Looby	Dublin
11:54am	Is the Greulich and Pyle Atlas still applicable to Irish Children?	L. Mc Carthy	University College Dublin	O'Connor	Dublin
12:03pm	Use of dose tracking software for assessment of patient positioning in CT	K.P. Murphy	Cork University Hospital & University College Cork	Maher	Cork
12:12pm	Accurate tissue characterisation in low dose CT imaging with pure iterative reconstruction.	K.P. Murphy	Cork University Hospital & University College Cork	Maher	Cork
12:21pm	Effects of oral contrast on radiation dose in low dose abdominal imaging.	K.P. Murphy	Cork University Hospital & University College Cork	Maher	Cork

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Lunch (at delegate's leisure)	
Hot Topics Moderator: Dr. D. Sheppard / Porti	uncula Hospital
Stroke Mimics	Dr. S. Looby / Beaumont Hospital
When to Call the Interventional Radiologist	Dr. L. Lawler / Mater Misericordiae University Hospital
Dose Reduction and Image Quality: Getting the Balance Right	Dr. T. Gleeson/ Wexford General Hospital
Tips for evaluating the indeterminate adnexal mass	Dr. L. McKnight / Morriston Hospital, Swansea
Panel Discussion	
Tea/Coffee (Examinations Hall)	
Musculoskeletal Radiology Moderator: Dr. P. Cunningham / Lo	uth Meath Hospital Group
Patterns of Injury in the Knee	Dr. H. Delaney/Adelaide & Meath National Children's Hospital
Pearls & Pitfalls in Shoulder Imaging	Dr. D. Bergin / University Hospital Galway
Metabolic, Endocrine and Marrow Disease	Dr. E. Heffernan/ St. Vincent's University Hospital
Soft Tissue Tumours	Dr. L. Rybak / New York University Langone Medical Centre
Panel Discussion	
End of Day	
	Moderator: Dr. D. Sheppard / Portic Stroke Mimics  When to Call the Interventional Radiologist  Dose Reduction and Image Quality: Getting the Balance Right  Tips for evaluating the indeterminate adnexal mass  Panel Discussion  Tea/Coffee (Examinations Hall)  Musculoskeletal Radiology Moderator: Dr. P. Cunningham / Lo Patterns of Injury in the Knee  Pearls & Pitfalls in Shoulder Imaging  Metabolic, Endocrine and Marrow Disease  Soft Tissue Tumours  Panel Discussion

# FRIDAY 26TH SEPTEMBER

O'Flanagan Theatre, RCSI

Faculty of Radiologists CPD Credits: 5.5 Credits (External)

Royal College of Radiologists CPD Credits: 5 Category 1 CPD Credits

8.30-9.00am	Registration		
9.00–10.30am	SPECT CT Moderator: Dr. J. Clarke / Royal Victoria Hospital		
9.00am	Bone SPECT CT	Dr. M. O'Connell/ Mater Misericordiae University Hospital	
9.20am	Ventilation Perfusion SPECT CT	Dr. R. McDermott /St. James's Hospital	
9.40am	Role of SPECT/CT in Multimodality Imaging of the Parathyroid Adenoma	Dr. J. Feeney / Adelaide & Meath National Children's Hospital	
10.00am	SPECT/CT Mapping of Sentinel Node Injections	Dr. M. Moore / Cork University Hospital	
10.20am	Panel Discussion		
10.30-11.00am	Tea/Coffee and Opening of Poster	& Technical Exhibition (Examinations Hall)	
11.00am- 12.30pm	Scientific Session II Moderator: Dr. C. Cantwell (St. Vinc	cent's University Hospital)	

TIME	TITLE	PRESENTER	INSTITUTION	SENIOR AUTHOR	CITY
11:00am	Medical Student Perceptions of Radiology use in Anatomy Teaching.	KP Murphy	Cork University Hospital & University College Cork	O'Connor	Cork
11:09am	Evaluation of discordance in diagnosis of pulmonary embolism between general radiologists and subspecialty chest radiologists.	B Hutchinson	University Hospital Galway	Bruzzi	Galway
11:18am	Evaluation of medical student knowledge of Interventional Radiology (IR) before and after adoption of the CIRSE undergraduate IR curriculum	M. Mirza	Beaumont Hospital	Lee	Dublin
11:27am	National DRLs for Adult Body CT Scans based on Body Width	D. Murphy	Our Lady's Children's Hospital, Crumlin	O'Hare	Dublin
11:36am	Developing a Novel Anthropomorphic head CT phantom using 3D printing technologies.	M.K. O'Reilly	University College Dublin	MacMahon	Dublin
11:45am	MRI Findings in patients with ASR hip prosthesis: Correlation with patient symptoms, laboratory, surgical, and pathology findings	J.P. Das	University Hospital Galway	Bergin	Galway
11:54am	Experience with Dyna-CT™ in the Interventional Radiology Suite: Accuracy and Dose compared to conventional CT-guided biopsy	J.P. Das	University Hospital Galway	Davidson	Galway
12:03pm	Our Experience with Prophylactic Balloon Occlusion of the Anterior Division of the Internal Iliac Arteries during Elective Caesarean Section for Placenta Accreta.	Y. Purcell	St. Vincent's University Hospital	Brophy	Dublin
12:12pm	Tackling the goal of instant imaging in elite sport. Initial experience of a pitch side radiology unit at an international sports stadium.	M.T. Crockett	Mater Misercordiae University Hospital	Eustace	Dublin
12:21pm	Prevalence and clinical significance of incidental findings detected on CT cervico-cerebral angiography	B. Murphy	Mater Misericordiae University Hospital	Kavanagh	Dublin

12.30-1.30pm	Lunch (Examinations Hall)		
	T		
1.30-2.00pm	Faculty of Radiologists Annual General Meeting		
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2.00-3.30pm	Imaging the Pregnant Patient   Moderator: Dr. N. Hambly / Beaumont Hospital		
2.00pm	Radiation and Contrast - how to assess and balance the risks	Prof. M. Maher / Cork University Hospital	
2.20pm	Imaging the Chest in Pregnancy	Prof. J. Meaney /St. James's Hospital	
2.40pm	Acute Urinary Tract Disease in Pregnancy	Dr. T. Geoghegan /Mater Misericordiae University Hospital	
3.00pm	Common and Rare GI Emergencies in Pregnancy	Prof. D. Malone / St. Vincent's University Hospital	
3.20pm	Panel Discussion		
3.30-4.00pm	Tea/Coffee (Examinations Hall)		
4.00-5.00pm	Fellow's Lecture Moderator: Dr. Barry Kelly, Dean		
	Dr Leon Rybak / New York Unive Recent Advancements in Muscul	, ,	
7.00pm	Black Tie Dinner & Honorary Con Awarding of Medals/Prizes	nferring	

# **SATURDAY 27TH SEPTEMBER** O'Flanagan Theatre, RCSI

Faculty of Radiologists CPD Credits: 3.5 Credits (External)

Royal College of Radiologists CPD Credits: 3 Category 1 CPD Credits

8.30-9.00am	Registration		
9.00-10.30am	Practice Based Learning/Audit Session Moderator: Dr. M. Staunton / Mercy University Hospital		
9.00am	Introduction		
9.15am	In primary hyperparathryoidism, what is the best pre-operative imaging modality for preoperative parathyroid localisation?	Dr. P. Hughes / St. James's Hospital	
9.23am	Trousseau's Syndrome - How should idiopathic DVT be investigated.	Dr C. Hutchinson / Altnagelvin Area Hospital, Western Trust	
9.31am	Nephropathy following intravenous contrast administration - cause or coincidence?	Dr. M. Crockett / Mater Misericordiae University Hospital	
9.39am	What is the best guideline for radiologists to use when dealing with cystic pancreatic neoplasms?	Dr. A. Cahalane / St. Vincent's University Hospital	
9.47am	Audit of success and complication rates of tubal recanalization	Dr. P. Hughes / St. James's Hospital	
9.55am	Audit of actual retrieval of 'retrievable' IVC Filters	Dr. J. McGarry / Beaumont Hospital	
10.03am	Appropriateness of usage of CTPA investigation of suspected pulmonary embolism	Dr. D. Murphy / St. Vincent's University Hospital	
10.11am	CT pulmonary angiography in the assessment of pulmonary embolus; appropriateness of referral and diagnostic yield	Dr. M. Crockett / Mater Misericordiae University Hospital	
10.19am	Discussion		
	T		
10.30-11.00am	Tea/Coffee (Examinations Hall)		
11.00-12.00pm	Cases of the Day – St James's Hospital Chair: Dr. Peter Beddy		
12.00-1.00pm	Haughton Lecture Moderator: Dr. Barry Kelly, Dean		
	Dr Liam McKnight / Morriston Hospital, Swansea Assessment in Radiology - the good, the bad and the ugly		
1.00pm	Close of Meeting		

#### DIAGNOSTIC RADIOLOGY POSTER DISPLAY LIST

**DISPLAY NO. 1** Is VR {Voice Recognition} dictation VR {Very Reliable}?

<sup>1</sup>H Khosa, <sup>2</sup>S S Polassery, <sup>1</sup>N Ramesh <sup>2</sup>PACS Manager; <sup>1</sup>Consultant Radiologists, Midland Regional Hospital, Portlaoise

**DISPLAY NO. 2** Managing Complicated Acute Pancreatitis: Interventional

Radiology to the Rescue

Rory L. O'Donohoe, Sinead H. McEvoy, Lisa P. Lavelle, David P. Brophy, Colin P.

Cantwell, Jeffrey W. McCann, E. Ronan Ryan.

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

**DISPLAY NO. 3** A Review of the Clinical Significance of Pneumatosis of the Bowel

M L Smith, B O'Reilly, N Russell, D Tuite.

and Portal Venous Gas in the Acute Abdominal CT

Dr K. Billington, S. Elangovan, A. Richards, S. Nabeel, A. Rubayawi, Dr S. O'Keeffe

Department of Diagnostic Imaging, St James' Hospital, Dublin.

**DISPLAY NO. 4** A Review of the Assessment and Management of Patients with Suspected

Placenta Accreta, Increta and Percreta in a Tertiary Referral Unit.

Department of Radiology, Cork University Hospital, Cork.

**DISPLAY NO. 5** The Detection of Breast Cancer and Assessment of Tumour Size using Full

Field Digital Mammography and Contrast-Enhanced Spectral Mammography.

M L Smith, A Maguire, J Barry, L Duddy, N Marshall, M Ryan. Department of Radiology, Cork University Hospital, Wilton, Cork.

**DISPLAY NO. 6** Audit and pictorial review of the management of suspected scaphoid

fractures in a secondary New Zealand hospital

C Ní Leidhin, Tauranga Hospital, Tauranga, New Zealand

**DISPLAY NO. 7** Specificity & sensitivity of CT colonography in the Northern Trust

D Neeson, J Canning & C Warren

Radiology & General Surgery Departments, Antrim Area Hospital, Antrim

**DISPLAY NO. 8** Potential Radiological Complications Relating to Cardiothoracic Surgery.

Dr Kieran F. Crowley, Dr Karen Billington.

Cardiothoracic and Department of Diagnostic Imaging,

St James's Hospital, Dublin

**DISPLAY NO. 9** Imaging Of Patient Post Seizure – Acute Traumatic Findings

J. McGarry, G. Kiernan, P. Brennan, J. Thornton, A. O'Hare, S. Looby

Department of Radiology, Beaumont Hospital, Dublin

**DISPLAY NO.10** Pseudolesions In Head And Neck Imaging

G. Kiernan, J. McGarry, P. Brennan, J. Thornton, A. O'Hare, S. Looby

Department of Radiology, Beaumont Hospital, Dublin

**DISPLAY NO.11** An Audit of Radiological Ureteric Stenting in Galway University Hospitals.

Tara Tarmey, Peter McCarthy.

Radiology Department, University Hospital, Galway

**DISPLAY NO.12** Anoxia, Hypoxia And Brain Death In Adults –

What The Radiologist Needs To Know

T. Murray, N. Adams, P. Brennan, J. Thornton, A. O'Hare, S. Looby

Department of Radiology, Beaumont Hospital, Dublin

#### DIAGNOSTIC RADIOLOGY POSTER DISPLAY LIST

DISPLAY NO.13 Accuracy of Diagnostic Imaging of Mandibular Lesions in a Tertiary Hospital

Cian Dowling-Cullen¹, Elena Tangtra¹, Elizabeth OʻDwyer¹, Eoghan

O'Coigligh<sup>1</sup>, Karthika Srikumar<sup>1</sup>, Nicola Walsh<sup>1</sup>, Robert Ta<sup>1</sup>, Mark Harmon<sup>2</sup>, Svlvia O'Keeffe<sup>2</sup>

<sup>1</sup>School of Medicine, Trinity College Dublin, Dublin, Ireland

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

**DISPLAY NO.14** Imaging Of Diabetes Insipidus

N. Adams, T. Murray, P. Brennan, J. Thornton, A. O'Hare, S. Looby

Department of Radiology, Beaumont Hospital, Dublin

**DISPLAY NO.15** Targeted Ultrasound in young women attending symptomatic breast clinics-is

this a good use of resources?

D Byrne, Z Afolabi, S Vediches, C Doherty, C McManus, P Patek, LA Ong,

M Banatwala, D Gilroy, S Edris, S Harte.

Trinity College Dublin and Department of Radiology, St James Hospital, Dublin 8.

**DISPLAY NO.16** Acquired and Congenital Diaphragmatic Hernias: Imaging

Findings and Diagnostic Dilemmas

Das JP, Hutchinson BH, Roche C, McCarthy P

Department of Radiology, Galway University Hospital, Co. Galway

DISPLAY NO.17 MRI findings and Staging of Penile Squamous Cell Carcinoma: A Pictorial Essay

Das JP, Hutchinson BH, Roche C, McCarthy P

Department of Radiology, Galway University Hospital, Co. Galway

**DISPLAY NO.18** Cholangiocarcinoma: A Spectrum of US, CT and MR Finding

Das JP, Hutchinson BH, P McCarthy, Bergin D, Roche C.

Department of Radiology, Galway University Hospital, Co. Galway

**DISPLAY NO.19** Sanders Classification of Calcaneal Fractures: A Pictorial Review

Z Hutchinson, B Hutchinson, J Das, D O' Keeffe Department of Radiology, University Hospital Galway

**DISPLAY NO.20** Percutaneous Transhepatic Cholangiography: a vital complimentary

modality to ERCP for complex biliary disease.

Blathnaid Murphy<sup>1</sup>, Ion Cretu<sup>1</sup>, Padraig MacMathuna<sup>1</sup>, Jan Leyden<sup>1</sup>,

Leo Lawler<sup>2</sup>, Cormac Farrelly<sup>2</sup>.

 $\hbox{Gi Unit$^{\scriptsize 1}$, Department of Radiology$^{\scriptsize 2}$, Mater Misericordiae University Hospital}$ 

**DISPLAY NO.21** Endovascular embolisation of non-variceal gastrointestinal haemorrhage:

a 13 years single centre experience

L. Al-Obaid\*, M. Hussain, M.S.Shaikh, R. Grech, M.Given, F. McGrath,

A. Keeling, M. Lee.

Department of Radiology, Beaumont Hospital, Dublin

\* Medical Student, Royal College of Surgeons In Ireland (RCSI), Dublin

**DISPLAY NO.22** The A – Z of intrathoracic findings in adult cystic fibrosis patients.

M Mirza, KA Pennycooke, C Gunaratnam , NG McElvaney, PM Logan. Department of Radiology and Department of Respiratory Medicine,

Beaumont Hospital, Dublin Ireland.

**DISPLAY NO.23** Evaluate the efficacy of ultrasound in diagnosis of acute appendicitis.

D. Koura , N. Ramesh , V. Moodely. H. Khosa\*.

Radiology Department, Midland Regional Hospital, Portloaise.

**DISPLAY NO.24** Role Of Different Imaging Modalities In Female Infertility.

H. Khosa\*, D. Koura, N. Ramesh, V. Moodely.

Radiology Department. Midland Regional Hospital, Portloaise.

# RADIATION ONCOLOGY PROGRAMME

# **FRIDAY 26TH SEPTEMBER**

Cheyne Theatre, RCSI

Faculty of Radiologists CPD Credits: 6 Credits (External)

Royal College of Radiologists CPD Credits: 6 Category 1 CPD Credits

9.30am	Opening of Annual Scientific Meeting Dr Jerome Coffey		
SESSION 1 International Fe Chair: Dr Sinead	· · · · · · · · · · · · · · · · · · ·		
9.40am	Ipsen Travelling Fellowship Recipient 2013	Dr Fran Duane	
10.00am	Clinical Research at the Cross Cancer Institute	Dr Alex Boychak	
10.20am	Radiation – related Heart Disease	Dr Fran Duane	
10.40-11.00am	COFFEE		
SESSION 2 Research in Rad Chair: Dr Carol	liation Oncology McGibney		
11.00am	The Trials and Tribulations of ICORG	Prof John Armstrong	
11.30pm	Progress on Adaptive RT approaches in SLRON	Prof Brendan McClean	
12.00pm	Health Literacy and radiotherapy: what are the implications for the patient?	Ms Agnella Craig	
12.30pm	Current research activities at Applied Radiation. Therapy Trinity (ARTT)	Ms Michelle Leech	
1.00-2.00pm	LUNCH (Examinations Hall)		
SESSION 3 Research & Dev Chair: Dr Corma	relopments in Oncology. ac Small		
2.00pm	Research Structures and Opportunities	Dr Gerry Hanna	
2.30pm	Laboratory-based Prostate Cancer Research	Dr Sharon Glynn	
3.00pm	Breast Cancer Screening for High Risk Women	Dr Susannah Harte	
3.30pm	Cancer Genetics in Ireland in 2014	Dr David Gallagher	
SESSION 4 St Luke's Keyno Chair: Dr Ian Fra			
4.00pm	The Importance of Clinical Trials in Radiation Oncology	Professor Padraig Warde, Princess Margaret Hospital Honorary Fellow 2014	
5.00pm	End of Day		
7.00pm	Black Tie Dinner & Honorary Conferring		

# ST. LUKE'S REGISTRAR'S PRIZE

# **SATURDAY 27TH SEPTEMBER**

Cheyne Theatre, RCSI

Faculty of Radiologists CPD Credits: 2 Credits (External)

Royal College of Radiologists CPD Credits: 2 Category 1 CPD Credits

Judging Panel: Professor Padraig Warde

Dr Paul Kelly Dr Lorraine Walsh Dr Nazmy El Beltagi

9.30-10.30am	Part I: Clinical		
9.30am	Impact Of Ethnic Diversity On African Patient Management In Radiotherapy Departments	C. Macbride	
9.45am	Survival Probabilities For High Risk Prostate Cancer Patients Subdivided By Number Of NCCN High Risk Factors	D. Cagney	
10.00am	Venous Thromboembolism Prophylaxis In Patients Receiving Radiotherapy: Development Of Guidelines	L. Keenan	
10.15am	Adjuvant Radiotherapy After Lymphadenectomy For Melanoma: Regional Control And Progression Free Survival.	L. Keenan	
10.30 -11.00am	Coffee		
11.00-12.30pm	Part II: Non-Clinical		
11.00am	Radiosensitisation Properties Of PI3K/AKT Inhibitor GDC-0941 In Prostate Cancer Cells Under Hypoxic And Normoxic Conditions.	R. Floyd	
11.15am	An Audit Of Breast Cancer CT Protocols In Radiation Therapy To Establish National Dose References Levels	L. Mullaney	
11.30am	Dose Sparing Potential Of Deep Inspiration Breath-Hold (Dibh) Technique For Left Breast Cancer Radiotherapy Organs-At-Risk	G. Lawler	
11.45am	Optimum Immobilisation Device For Extremity Soft Tissue Sarcoma Radiotherapy	E McCrickard	
12.00pm	The Posterior CTV-PTV Margin For Prostate Radiotherapy: Is Rectal Distension The Enemy?	J. Sun	
12.15pm	Dosimetric Comparison Of Techniques And Impact Of Displacements In Lower Limb Sarcoma Radiation Therapy	M. Arthurs	
12.30pm	Awarding of Prizes & Photos		

# RADIATION ONCOLOGY POSTER DISPLAY LIST

**DISPLAY NO. 1** Validation Of Standard Planning Margins In Intermediate-Risk

Prostate Radiotherapy M. Browne, E. Forde

Discipline of Radiation Therapy, School of Medicine, Trinity College Dublin

**DISPLAY NO. 2** Failure Mode and Effects analysis for delivery of lung SBRT using VMAT

R. Conaty

Discipline of Radiation Therapy, Trinity College Dublin.

**DISPLAY NO. 3** Transperineal Prostate Biopsy: A role for the prostate brachytherapist?

Initial experience at Cork University Hospital

O Zaheed<sup>1</sup>, M Samuji<sup>1</sup>, K O'Regan<sup>1</sup>, J Buckley<sup>1</sup>, P Sweeney<sup>2</sup>, MF O'Brien<sup>1</sup>,<sup>3</sup>

N Mayer<sup>1</sup>, P Kelly<sup>1</sup>

<sup>1</sup> Radiotherapy Department, Cork University Hospital, Cork, Ireland

<sup>2</sup> Mercy University Hospital, Cork, Ireland

<sup>3</sup> Waterford Regional Hospital, Waterford, Ireland

DISPLAY NO. 4 Hypofractionated Radiotherapy in locally advanced NSCLC: A systematic review

Cagney D., Dunne M., Armstrong J. St Luke's Hospital, Rathgar, Dublin 6

**DISPLAY NO. 5** Reirradiation in malignant gliomas: A single institution experience

Cagney D., Fitzpatrick D., Faul C. St Luke's Hospital, Rathgar, Dublin 6 RCSI Faculty of Radiologists Royal College of Surgeons in Ireland Coláiste Ríoga na Máinleá in Eireann 123 St Stephen's Green, Dublin 2 Tel: +353 1 402 2139

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