# Diagnostic Radiology Programme

## Meeting at a Glance

### Thursday 25th September

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8.30am</td>
<td>Registration</td>
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<tr>
<td>9.00am</td>
<td>Welcome Address, Dr Barry Kelly, Dean, Faculty of Radiologists</td>
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<tr>
<td>9.00am</td>
<td>Emergency / On Call Radiology</td>
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<tr>
<td>10.30am</td>
<td>Tea/Coffee</td>
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<tr>
<td>11.00pm</td>
<td>Scientific Session I</td>
</tr>
<tr>
<td>12.30pm</td>
<td>Lunch</td>
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<tr>
<td>1.30pm</td>
<td>Hot Topics</td>
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<tr>
<td>3.00pm</td>
<td>Tea/Coffee</td>
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<tr>
<td>3.30pm</td>
<td>Musculoskeletal Radiology</td>
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### Friday 26th September

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<td>8.30am</td>
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<td>Tea/Coffee and Opening of Poster &amp; Technical Exhibition</td>
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<td>11.00am</td>
<td>Scientific Session II</td>
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<tr>
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<tr>
<td>1.30pm</td>
<td>Faculty Annual General Meeting</td>
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<td>2.00pm</td>
<td>Imaging the Pregnant Patient</td>
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<td>Fellow’s Lecture</td>
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<td>Black Tie Dinner &amp; Honorary Conferring</td>
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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

Close of Meeting

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
10.30am         Tea/Coffee
11.00am         Part II
12.30pm         Awarding of Prizes & Photos
Diagnostic Radiology Programme

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

8.30 - 9.00am  Registration

9.00am  Welcome Address, Dr Barry Kelly, Dean, Faculty of Radiologists

9.00-10.30am  Emergency / On Call Radiology

9.00am  Acute Neuroradiology Imaging
Dr Eugene McKenna / Royal Victoria Hospital, Belfast

9.20am  Imaging Abdominal Emergencies
Dr P. Mac Mahon / Mater Misericordiae University Hospital

9.40am  Acute Traumatic and Non Traumatic Chest Imaging
Dr K. O'Regan / Cork University Hospital

10.00am  Emergency Intervention
Dr W. Torregiani / Adelaide & Meath National Children's Hospital

10.20am  Panel Discussion

10.30-11.00am  Tea/Coffee (Examinations Hall)
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
<th>Senior Author</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00am</td>
<td>The Role of Herniography in the Detection of Occult Inguinal Herniae.</td>
<td>H. Ferris</td>
<td>Mercy University Hospital</td>
<td>Brady</td>
<td>Cork</td>
</tr>
<tr>
<td>11:09am</td>
<td>Factors influencing the accuracy of magnetic resonance imaging in the assessment of disease response following neoadjuvant chemotherapy in locally advanced breast cancer</td>
<td>J. Murphy</td>
<td>Cork University Hospital</td>
<td>Barry</td>
<td>Cork</td>
</tr>
<tr>
<td>11:18am</td>
<td>Molecular Breast Imaging at Reduced Radiation Dose for Supplemental Screening in Mammographically Dense Breasts</td>
<td>M. O'Connor</td>
<td>Mayo Clinic</td>
<td>Rhodes</td>
<td>USA</td>
</tr>
<tr>
<td>11:27am</td>
<td>Apparent diffusion coefficient and fractional anisotropy values as biomarkers for treatment response in breast cancer.</td>
<td>E. Joyce</td>
<td>St James's Hospital</td>
<td>O'Keeffe</td>
<td>Dublin</td>
</tr>
<tr>
<td>11:36am</td>
<td>Cardiomyopathy: Diagnostic Accuracy of Standard Axial 64-Slice Chest CT Compared to Dedicated Cardiac Image Plane Cardiac MRI</td>
<td>D. Murphy</td>
<td>St Vincent’s University Hospital</td>
<td>Dodd</td>
<td>Dublin</td>
</tr>
<tr>
<td>11:45am</td>
<td>A Retrospective Review of Bilateral Inferior Petrosal Sinus Sampling in a Tertiary Referral Centre.</td>
<td>N. Adams</td>
<td>Beaumont Hospital</td>
<td>Looby</td>
<td>Dublin</td>
</tr>
<tr>
<td>11:54am</td>
<td>Is the Greulich and Pyle Atlas still applicable to Irish Children?</td>
<td>L. McCarthy</td>
<td>University College Dublin</td>
<td>O'Connor</td>
<td>Dublin</td>
</tr>
<tr>
<td>12:03pm</td>
<td>Use of dose tracking software for assessment of patient positioning in CT</td>
<td>K. P. Murphy</td>
<td>Cork University Hospital &amp; UCC</td>
<td>Maher</td>
<td>Cork</td>
</tr>
<tr>
<td>12:12pm</td>
<td>Accurate tissue characterization in low dose CT imaging with pure iterative reconstruction.</td>
<td>K. P. Murphy</td>
<td>Cork University Hospital &amp; UCC</td>
<td>Maher</td>
<td>Cork</td>
</tr>
<tr>
<td>12:21pm</td>
<td>Effects of oral contrast on radiation dose in low dose abdominal imaging.</td>
<td>K. P. Murphy</td>
<td>Cork University Hospital &amp; UCC</td>
<td>Maher</td>
<td>Cork</td>
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**12.30-1.30pm**  
Lunch (at delegate’s leisure)

**1.30-3.15pm**  
Hot Topics  
Moderator: Dr D. Sheppard / Portiuncula Hospital

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<tr>
<td>1.30pm</td>
<td>Stroke Mimics</td>
<td>Dr S. Looby</td>
<td>Beaumont Hospital</td>
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<tr>
<td>1.50pm</td>
<td>When to Call the Interventional Radiologist</td>
<td>Dr L. Lawler</td>
<td>Mater Misericordiae University Hospital</td>
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</tbody>
</table>
2.10pm  Dose Reduction and Image Quality: Getting the Balance Right
Dr T. Gleeson / Wexford General Hospital

2.30pm  Tips for evaluating the indeterminate adnexal Mass
Dr L. McKnight / Morriston Hospital, Swansea

2.50pm  Panel Discussion

3.00-3.30pm  Tea/Coffee (Examinations Hall)

3.30-5.00pm  Musculoskeletal Radiology
Moderator: Dr. P. Cunningham / Louth Meath Hospital Group

3.30pm  Patterns of Injury in the Knee
Dr Holly Delaney / Adelaide & Meath National Children's Hospital

3.50pm  Pearls & Pitfalls in Shoulder Imaging
Dr Diane Bergin / University College Hospital Galway

4.10pm  Metabolic, Endocrine and Marrow Disease
Dr Eric Heffernan / St. Vincent's University Hospital

4.30pm  Soft Tissue Tumours
Dr Leon Rybak / New York University Langone Medical Centre

4.50pm  Panel Discussion

5.00pm  End of Day

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)
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<tr>
<td>11:00am</td>
<td>Medical Student Perceptions of Radiology use in Anatomy Teaching.</td>
<td>K. P. Murphy</td>
<td>Cork University Hospital &amp; UCC</td>
<td>O'Connor</td>
<td>Cork</td>
</tr>
<tr>
<td>11:09am</td>
<td>Evaluation of discordance in diagnosis of pulmonary embolism between general radiologists and subspecialty chest radiologists.</td>
<td>B. Hutchinson</td>
<td>University Hospital Galway</td>
<td>Bruzzi</td>
<td>Galway</td>
</tr>
<tr>
<td>11:18am</td>
<td>Evaluation of medical student knowledge of Interventional Radiology (IR) before and after adoption of the CIRSE undergraduate IR curriculum</td>
<td>M. Mirza</td>
<td>Beaumont Hospital</td>
<td>Lee</td>
<td>Dublin</td>
</tr>
<tr>
<td>11:27am</td>
<td>National DRLs for Adult Body CT Scans based on Body Width</td>
<td>D. Murphy</td>
<td>Our Lady’s Children’s Hospital, Crumlin</td>
<td>O'Hare</td>
<td>Dublin</td>
</tr>
<tr>
<td>11:36am</td>
<td>Developing a Novel Anthropomorphic head CT phantom using 3D printing technologies.</td>
<td>M. K. O’Reilly</td>
<td>University College Dublin</td>
<td>MacMahon</td>
<td>Dublin</td>
</tr>
<tr>
<td>11:45am</td>
<td>‘MRI Findings in patients with ASR hip prosthesis: Correlation with patient symptoms, laboratory, surgical, and pathology findings’</td>
<td>J. P. Das</td>
<td>Galway University Hospital</td>
<td>Bergin</td>
<td>Galway</td>
</tr>
<tr>
<td>11:54am</td>
<td>Experience with Dyna-CT™ in the Interventional Radiology Suite: Accuracy and Dose compared to conventional CT-guided biopsy</td>
<td>J. P. Das</td>
<td>Galway University Hospital</td>
<td>Davidson</td>
<td>Galway</td>
</tr>
<tr>
<td>12:03pm</td>
<td>Our Experience with Prophylactic Balloon Occlusion of the Anterior Division of the Internal Iliac Arteries during Elective Caesarean Section for Placenta Accreta.</td>
<td>Y. Purcell</td>
<td>St. Vincent’s University Hospital</td>
<td>Brophy</td>
<td>Dublin</td>
</tr>
<tr>
<td>12:12pm</td>
<td>Tackling the goal of instant imaging in elite sport. Initial experience of a pitch side radiology unit at an international sports stadium.</td>
<td>M. T. Crockett</td>
<td>Mater Misericordiae University Hospital</td>
<td>Eustace</td>
<td>Dublin</td>
</tr>
<tr>
<td>12:21pm</td>
<td>Prevalence and clinical significance of incidental findings detected on CT cervico-cerebral angiography</td>
<td>B. Murphy</td>
<td>Mater Misericordiae University Hospital</td>
<td>Kavanagh</td>
<td>Dublin</td>
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**12.30-1.30pm**  
Lunch (Examinations Hall)

**1.15-1.30pm**  
QA/PCS Update

**1.30-2.00pm**  
Faculty of Radiologists Annual General Meeting
2.00-3.20pm  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 University Langone Medical Centre  
Recent Advancements in Musculoskeletal MRI

7.00pm  Black Tie Dinner & Honorary Conferring

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. Stavanton / Mercy University Hospital

9.00am  Introduction

9.15am  In primary hyperparathyroidism, 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

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

Close of Meeting
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 Fellowships
Chair: Dr Sinead Brennan

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 Radiation Oncology
Chair: Dr Carol 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 & Developments in Oncology
Chair: Dr Cormac 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  
Astellas / St Luke’s Keynote Address
Chair: Dr Ian Fraser

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

Prof. Padraig Warde
Dr Paul Kelly
Dr Lorraine Walsh
Dr Nazmy El Beltagi

9.30-10.30 Part I: Clinical
9.45-10.00 Survival Probabilities For High Risk Prostate Cancer Patients Subdivided By Number Of NCCN High Risk Factors D. Cagney
10.00-10.15 Venous Thromboembolism Prophylaxis In Patients Receiving Radiotherapy: Development Of Guidelines L. Keenan
10.30-11.00 Coffee
11.00-12.30 Part II: Non-Clinical
11.00-11.15 Radiosensitisation Properties Of PI3K/AKT Inhibitor GDC-0941 In Prostate Cancer Cells Under Hypoxic And Normoxic Conditions. R. Floyd
11.15-11.30 An Audit Of Breast Cancer CT Protocols In Radiation Therapy To Establish National Dose References Levels L. Mullaney
11.45-12.00 Optimum Immobilisation Device For Extremity Soft Tissue Sarcoma Radiotherapy E. McCrickard
12.00-12.15 The Posterior CTV-PTV Margin For Prostate Radiotherapy: Is Rectal Distension The Enemy? J. Sun
12.15-12.30 Dosimetric Comparison Of Techniques And Impact Of Displacements In Lower Limb Sarcoma Radiation Therapy M. Arthurs
12.30 Awarding Of Prizes & Photos