Facility 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

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<th>ROOM A</th>
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<tr>
<td>Albert Theatre</td>
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<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>09:30-10:30</td>
<td>Evidence Based Medicine: MSc Programme</td>
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<tr>
<td>11:00 -12.30</td>
<td>Scientific Session 1</td>
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<td></td>
<td>Lunch</td>
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<tr>
<td>13.30-15.00</td>
<td>Scientific Session 2</td>
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<tr>
<td>15:00-15.30</td>
<td>Tea / Coffee Break</td>
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<tr>
<td>15.30-17.18</td>
<td>Scientific Session 3</td>
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### Friday, 28th September, 2007

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<th>ROOM A</th>
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<tr>
<td>Cheyne Theatre</td>
<td>TR3</td>
<td>Albert Theatre</td>
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<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>08:30 - 09:00</td>
<td>Registration</td>
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</tbody>
</table>
| 09:00 - 10:40 | CATEGORICAL SESSION 1  
Opening of Poster and Technical Exhibitions (Dean)  
Tea / Coffee Break |
| 10:40 - 11:10 |  
Tea / Coffee Break |
| 11:10 - 12:50 | CATEGORICAL SESSION 2  
Tea / Coffee Break 11.00am - 11.20 |
### Friday, 28th September, 2007

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<thead>
<tr>
<th>ROOM A</th>
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<th>ROOM C</th>
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<tbody>
<tr>
<td>Cheyne Theatre</td>
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<td>TR3</td>
</tr>
<tr>
<td><strong>Honorary Fellows Lecture</strong></td>
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<tr>
<td><strong>Professor Nestor Müller</strong></td>
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<tr>
<td>12:50 - 13.30 High Resolution CT in Idiopathic Interstitial Pneumonia: Radiological, Pathological and Clinical Correlation</td>
<td>Nuclear Medicine 1.45 - 2.45pm</td>
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</tr>
<tr>
<td>13:30 - 14:30 Lunch - visit industry exhibition</td>
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<tr>
<td>14:30 - 15:00 FACULTY AGM</td>
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<tr>
<td>15:00 - 16:20 <strong>CATEGORICAL SESSION 3</strong></td>
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<tr>
<td><strong>Haughton Lecture</strong></td>
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<tr>
<td><strong>Professor Andy Adam</strong></td>
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<tr>
<td>16:20 - 17:00 Interventional Radiology: Veni, Vidi, Vanished?</td>
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<tr>
<td>19:00 for 19.30 Reception, Conferring of Honorary Fellowships and Dinner (Black Tie)</td>
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### Saturday, September 29th 2007

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<tr>
<th>ROOM A</th>
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<tbody>
<tr>
<td>Cheyne Theatre</td>
<td>Albert Theatre</td>
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<tr>
<td><strong>CATEGORICAL SESSION 4</strong></td>
<td>Registration</td>
</tr>
<tr>
<td>09:00 - 10:00 St. Luke’s Registrar’s Prize</td>
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<tr>
<td>10.00 - 10.30 Case of the Day - Adelaide / Meath Hospital Presentation of Medals</td>
<td></td>
</tr>
<tr>
<td>10:30 - 11:00 Tea / Coffee Break</td>
<td>Lunch - visit industry exhibition</td>
</tr>
<tr>
<td>11:00 - 12:40 <strong>CATEGORICAL SESSION 5</strong></td>
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<tr>
<td>Time</td>
<td>Session</td>
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<tr>
<td>09:30</td>
<td>CT scoring systems in Acute Pancreatitis:</td>
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<tr>
<td></td>
<td>Why, how, when and so what?</td>
</tr>
<tr>
<td>09:40</td>
<td>Diagnosis of cholangiocarcinoma in PSC patients</td>
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<tr>
<td>09:50</td>
<td>Carotid endarterectomy vs stenting - or just keep taking the statins?</td>
</tr>
<tr>
<td>10:00</td>
<td>Coma in a Kenyan ED - Can imaging help differentiate methanol poisoning from other causes?</td>
</tr>
<tr>
<td>10:10</td>
<td>Imaging of Crohn’s disease in 2007: MRI, CT or Conventional Enteroclysis?</td>
</tr>
<tr>
<td>10:20</td>
<td>Getting guidelines into practice: What’s the evidence?</td>
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</table>
# Day 1: Thursday, September 27th, 2007

## Scientific Session 1: Albert Lecture Theatre

<table>
<thead>
<tr>
<th>Time</th>
<th>Control No.</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
<th>Senior Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00</td>
<td>279-S-2</td>
<td>Endovascular Stent Grafts for Aortic Pathology: A Single Institution Experience</td>
<td>Scanlon</td>
<td>Mater Misericordiae Hospital</td>
<td>Lawler</td>
</tr>
<tr>
<td>11:09</td>
<td>279-S-3</td>
<td>The effect of patient body mass on the quality of myocardial SPECT imaging</td>
<td>Mullan</td>
<td>Royal Victoria Hospital</td>
<td>Campbell</td>
</tr>
<tr>
<td>11:18</td>
<td>279-S-8</td>
<td>Cardiac Valve Disease: Spectrum of Appearances on Four-Dimensional Cardiac 64-Slice Multidetector CT</td>
<td>Ryan</td>
<td>St.Vincent's University Hospital</td>
<td>Dodd</td>
</tr>
<tr>
<td>11:27</td>
<td>279-S-10</td>
<td>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.</td>
<td>Moriarty</td>
<td>Mater Misericordiae Hospital</td>
<td>Lawler</td>
</tr>
<tr>
<td>11:36</td>
<td>279-S-15</td>
<td>Computed Tomography Coronary Angiography; Initial experience in a peripheral centre with a 64-slice CT scanner, and comparison with conventional transcutaneous coronary angiography</td>
<td>Coyle</td>
<td>Our Lady of Lourdes Hospital</td>
<td>Maher</td>
</tr>
<tr>
<td>11:45</td>
<td>279-S-17</td>
<td>Diagnosis &amp; Management of Iatrogenic Pseudoaneurysms: A Single Centre Experience</td>
<td>Long</td>
<td>Mater Misericordiae Hospital</td>
<td>Lawler</td>
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<tr>
<td>11:54</td>
<td>279-S-29</td>
<td>Do Asymptomatic Angiographic Stenoses And Occlusions Become Symptomatic In Patients With Peripheral Vascular Disease?</td>
<td>Keeling</td>
<td>Beaumont Hospital</td>
<td>Lee</td>
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<tr>
<td>12:03</td>
<td>279-S-30</td>
<td>Is C – Reactive Protein (CRP) A Useful Marker For Follow – Up Of Patients After Peripheral Percutaneous Transluminal Angioplasty (PTA)?</td>
<td>Keeling</td>
<td>Beaumont Hospital</td>
<td>Lee</td>
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<tr>
<td>12:12</td>
<td>279-S-31</td>
<td>Patient Doses in Interventional Cardiology: A European Survey</td>
<td>Gray</td>
<td>St. James’s Hospital</td>
<td>Malone</td>
</tr>
<tr>
<td>12:21</td>
<td>279-S-32</td>
<td>Correlation between Occupational Exposure Levels, Patient Exposure Level and Screening Times</td>
<td>Martin Rodriguez</td>
<td>Mater Misericordiae Hospital</td>
<td>Kenny</td>
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<tr>
<td>12:30</td>
<td></td>
<td>LUNCH</td>
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Day 1: Thursday, September 27th, 2007

Scientific Session 2: Albert Lecture Theatre

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

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<thead>
<tr>
<th>Time</th>
<th>Control No.</th>
<th>Title</th>
<th>Presenter</th>
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<th>Senior Author</th>
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<tbody>
<tr>
<td>13:30</td>
<td>279-S-6</td>
<td>Preoperative CXR: Indications and Current Practice</td>
<td>Delaney</td>
<td>St. James’s Hospital</td>
<td>Keogan</td>
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<tr>
<td>13:39</td>
<td>279-S-9</td>
<td>The e-Medi project: an educational resource for breast imaging</td>
<td>O’Keeffe</td>
<td>St. James’s Hospital</td>
<td>McDermott</td>
</tr>
<tr>
<td>13:48</td>
<td>279-S-13</td>
<td>Large Airway Collapse during Forced Expiratory Maneuvers in Adults</td>
<td>McDermott</td>
<td>St. Vincent’s University Hospital</td>
<td>Dodd</td>
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<td></td>
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<td>with Cystic Fibrosis: Evaluation with Cine 64-Slice Real-Time Dynamic MDCT</td>
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<tr>
<td>13:57</td>
<td>279-S-18</td>
<td>GP Fast Track Services: A new innovation in Radiology</td>
<td>Dewhurst</td>
<td>Mercy University Hospital</td>
<td>Brady</td>
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<tr>
<td>14:06</td>
<td>279-S-22</td>
<td>DAT scan analysis versus the report.</td>
<td>McMahon</td>
<td>Mater Misericordiae Hospital</td>
<td>O’Connell</td>
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<tr>
<td>14:15</td>
<td>279-S-23</td>
<td>Value of Computer Aided Analysis of 3D PET/CT Brain Imaging in</td>
<td>McMahon</td>
<td>Mater Misericordiae Hospital</td>
<td>O’Connell</td>
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<td>Neurodegenerative Disease</td>
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<td>14:24</td>
<td>279-S-24</td>
<td>Pulmonary Embolism in Pregnancy: Is Nuclear medicine imaging still</td>
<td>Ezwawah</td>
<td>Cork University Hospital</td>
<td>Barry</td>
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<td>a valid option?</td>
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<tr>
<td>14:33</td>
<td>279-S-25</td>
<td>The impact of pre-operative breast MRI on disease staging and</td>
<td>Murphy</td>
<td>Cork University Hospital</td>
<td>Maher</td>
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<td>14:42</td>
<td>279-S-27</td>
<td>A retrospective audit of 100 minimally invasive stereotactic breast</td>
<td>Chin</td>
<td>University College Hospital Galway</td>
<td>McCarthy</td>
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<td>biopsies</td>
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### DAY 1: Thursday, September 27th, 2007

**Scientific Session 3: Albert Lecture Theatre**

**Moderator:** Professor Michael Maher, Cork University Hospital

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<tr>
<th>Time</th>
<th>Control No.</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
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<tbody>
<tr>
<td>15:30</td>
<td>279-S-1</td>
<td>Mangafodipir-Enhanced Liver MRI: is 3D imaging only required?</td>
<td>DeLappe</td>
<td>Portiuncula Hospital</td>
<td>Sheppard</td>
</tr>
<tr>
<td>15:39</td>
<td>279-S-4</td>
<td>Re-audit of Barium Enema Bowel Preparation and Patient Compliance</td>
<td>McDonnell</td>
<td>Craigavon Area Hospital</td>
<td>Fawzy</td>
</tr>
<tr>
<td>15:48</td>
<td>279-S-5</td>
<td>Urolithiasis: How Accurate are Plain Radiographs?</td>
<td>Chan</td>
<td>Adelaide / Meath Hospital</td>
<td>Torreggiani</td>
</tr>
<tr>
<td>15:57</td>
<td>279-S-7</td>
<td>Spinal Cord Compression: Analysis Of MRI Service In A General Hospital Setting</td>
<td>Anak Lis</td>
<td>University College Hospital Galway</td>
<td>McCarthy</td>
</tr>
<tr>
<td>16:15</td>
<td>279-S-12</td>
<td>Intra-arterial doxorubicin-eluting beads in the treatment of unresectable hepatocellular carcinoma: Our initial experience</td>
<td>McDermott</td>
<td>St. Vincent’s University Hospital</td>
<td>Brophy</td>
</tr>
<tr>
<td>16:24</td>
<td>279-S-14</td>
<td>Perimalleolar Subcutaneous Edema in Acute Ankle Sprain – A Mark of Capsule Disruption at MRI</td>
<td>Murphy</td>
<td>Mater Misericordiae Hospital</td>
<td>Eustace</td>
</tr>
<tr>
<td>16:33</td>
<td>279-S-16</td>
<td>An audit of abnormalities found on General Practitioner referrals for ultrasound examination of the upper abdomen</td>
<td>Ni Mhuircheartaigh</td>
<td>University College Hospital Galway</td>
<td>McCarthy</td>
</tr>
<tr>
<td>16:42</td>
<td>279-S-19</td>
<td>FDG PET vs. Whole body MRI in the assessment of multiple myeloma disease activity</td>
<td>Shortt</td>
<td>Mater Misericordiae Hospital</td>
<td>Eustace</td>
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<tr>
<td>16:51</td>
<td>279-S-20</td>
<td>MR Imaging of the rectus abdominis / adductor aponeurosis: Findings in the 'sports hernia'</td>
<td>Shortt</td>
<td>Thomas Jefferson University Hospital</td>
<td>Meyers</td>
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<tr>
<td>17:00</td>
<td>279-S-21</td>
<td>Portal Vein Embolisation using flow directed microspheres versus coils prior to hepatic resection.</td>
<td>Hegarty</td>
<td>St.Vincent’s University Hospital</td>
<td>Brophy</td>
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<tr>
<td>17:09</td>
<td>279-S-28</td>
<td>Optimizing Bowel Preparation for Multidetector Row CT Colonography: Comparison of Three Different Cleansing Preparations</td>
<td>Slattery</td>
<td>Beaumont Hospital</td>
<td>Morrin</td>
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Faculty of Radiologists, RCSI: Annual Scientific Meeting 2007

DAY 2:  Friday, September 28th, 2007

Categorical Session 1: Cardiac CT / MRI I

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

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<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Hospital</th>
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<tbody>
<tr>
<td>9:00 - 9:20</td>
<td>Basics: From service set-up to patient selection</td>
<td>S. Harden</td>
<td>Southampton University Hospitals NHS Trust</td>
</tr>
<tr>
<td>9:20 - 9:40</td>
<td>Normal Anatomy, function and normal variants</td>
<td>J. Dodd</td>
<td>St. Vincent’s University Hospital</td>
</tr>
<tr>
<td>09:40 - 10:00</td>
<td>Cardiac Imaging: A Cardiologist’s Perspective</td>
<td>N. Mahon</td>
<td>Mater Misericordiae Hospital</td>
</tr>
<tr>
<td>10:00 - 10:20</td>
<td>Coronary Artery Bypass Grafting</td>
<td>A. Graham</td>
<td>Royal Victoria Hospital</td>
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<tr>
<td>10:20 - 10:40</td>
<td>Calcium Scoring and Plaque Imaging</td>
<td>L. Lawler</td>
<td>Mater Misericordiae Hospital</td>
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Categorical Session 2: Cardiac CT / MRI II

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

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

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<th>Time</th>
<th>Title</th>
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<th>Hospital</th>
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<tbody>
<tr>
<td>15:00</td>
<td>Cardiac CT and other Pathologies</td>
<td>J. Dodd</td>
<td>St. Vincent’s University Hospital</td>
</tr>
<tr>
<td>15:20</td>
<td>MRI - Perfusion</td>
<td>J. Meaney</td>
<td>St. James's Hospital</td>
</tr>
<tr>
<td>15:40</td>
<td>MRI Cardiomyopathies</td>
<td>J. Murray</td>
<td>Mater Misericordiae Hospital</td>
</tr>
<tr>
<td>16:00</td>
<td>MR Coronary angiography</td>
<td>D. Tuite</td>
<td>Northwestern Memorial Hospital &amp; Northwestern University Feinberg School of Medicine</td>
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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

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<th>Time</th>
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<tbody>
<tr>
<td>9:00 - 9:20</td>
<td>Carotid disease. Diagnosis and Therapy</td>
<td>J. Thornton</td>
<td>Beaumont Hospital</td>
</tr>
<tr>
<td>9:20 - 9:40</td>
<td>Stroke Thrombolysis / thrombectomy</td>
<td>G. Wyse</td>
<td>Johns Hopkins University School of Medicine</td>
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<td>Baltimore, MD, USA</td>
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<tr>
<td>09:40 - 10:00</td>
<td>Vertebrobasilar Disease: Diagnosis &amp; Therapy</td>
<td>P. Flynn</td>
<td>Royal Victoria Hospital</td>
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</table>

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

<table>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>11.00 - 11.20</td>
<td>Venous access</td>
<td>I. Kelly</td>
<td>Waterford Regional Hospital</td>
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<tr>
<td>11.20 - 11.40</td>
<td>IVC Filters</td>
<td>M. Lee</td>
<td>Beaumont Hospital</td>
</tr>
<tr>
<td>11.40 - 12.00</td>
<td>IVC Stenosis: Diagnosis and Therapy</td>
<td>G. O'Sullivan</td>
<td>University College Hospital Galway</td>
</tr>
<tr>
<td>12.00 - 12.20</td>
<td>DVT - CT Venography and Image Guided Therapy</td>
<td>D. Brohpy</td>
<td>St. Vincent's University Hospital</td>
</tr>
<tr>
<td>12.20 - 12.40</td>
<td>Central Venous Stenosis. Diagnosis and Therapy</td>
<td>L. Lawler</td>
<td>Mater Misericordiae Hospital</td>
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</table>
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
1 Medical Ultrasound Group, School of Physics, Dublin Institute of Technology, Kevin Street, Dublin 8
2 Department of Applied Technology, School of Manufacturing & Design Engineering, Dublin Institute of Technology, Bolton Street, Dublin 8
3 Medical 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.  
¹ Department of Radiology, St. Vincent’s University Hospital, Elm Park, Dublin 4, Ireland.  
² Department of Respiratory Medicine, Mercy Hospital, Grenville Place, Cork  
³ Department of Respiratory Medicine, St. Vincent’s University Hospital, Elm Park, Dublin 4, Ireland.  
⁴ Dept 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 pictoral 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?  
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 P¹, 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
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.

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.

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

Re-audit of Barium Enema Bowel Preparation and Patient Compliance
Dr O McDonnell, Dr M Fawzy
Craigavon Area Hospital, Craigavon, Belfast

Urolithiasis: How Accurate are Plain Radiographs?
VO. Chan, O. Buckley, T. Persaud, WC. Torreggiani
Department of Radiology, Adelaide and Meath Hospital, Tallaght, Dublin

Preoperative CXR: Indications and Current Practice
Delaney H, McCoubrey B, Keogan M
Department of Radiology, St. James’s Hospital, Dublin 8

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

Cardiac Valve Disease: Spectrum of Appearances on Four-Dimensional Cardiac 64-Slice Multidetector CT
E. Ronan Ryan, Samer Arnous, Charles McCreery, Martin Quinn, Jonathan D. Dodd
Cardiac CT/MRI Program, Department of Radiology and Cardiology, St. Vincent’s University Hospital, Dublin

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
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 JM\textsuperscript{1}, Murphy DT\textsuperscript{1}, Margey RJ\textsuperscript{2}, McMahon CJ\textsuperscript{3}, Walsh KP\textsuperscript{2}, Lawler LP\textsuperscript{1}
\textsuperscript{1}: Department of Radiology, Mater Misericordiae University Hospital, Dublin
\textsuperscript{2}: Department of Cardiology, Mater Misericordiae University Hospital, Dublin
\textsuperscript{3}: Department of Cardiology, Our Lady’s Hospital for Sick Children, Crumlin

MacMahon PJ.
Department of Radiology, Mater Misericordiae University Hospital

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

Large Airway Collapse during Forced Expiratory Maneuvers in Adults with Cystic Fibrosis: Evaluation with Cine 64-Slice Real-Time Dynamic MDCT
Shaunagh McDermott\textsuperscript{1}, Sinead C. Barry\textsuperscript{2}, Eoin E. Judge\textsuperscript{2}, Edward McKone\textsuperscript{2}, Charles C. Gallagher\textsuperscript{2}, Jonathan D. Dodd\textsuperscript{1}
Departments of Radiology\textsuperscript{1} and National referral Centre for Adult Cystic Fibrosis\textsuperscript{2} St Vincent’s University Hospital, Dublin

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

Computed Tomography Coronary Angiography; Initial experience in a peripheral centre with a 64-slice CT scanner, and comparison with conventional transcutaneous coronary angiography
Coyle J, Keelan P. Towers M, Maher M.
Our Lady of Lourdes Hospital Drogheda

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

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.
¹*Department 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’Connell⁵.
¹*Department of Radiology, Nottingham University Campus, Derby Road, Nottingham, NG7 2HU, UK.*
²*Department of Medical Physics, Mater Misericordiae Hospital, Eccles Street, Dublin 8, Ireland.*
³*Division of Nuclear Medicine, Department of Radiology, Mater Misericordiae Hospital, Eccles Street, Dublin 8, Ireland.*
⁴*Department 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’Connell⁴.
¹*Department of Radiology, Nottingham University Campus, Derby Road, Nottingham, NG7 2HU, UK.*
²*Division of Nuclear Medicine, Department of Radiology, Mater Misericordiae Hospital, Eccles Street, Dublin 8, Ireland.*
³*Department 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 Reilhan*, 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, Khalidi K, Naughton PA, McGrath FP, Lee MJ  
*Department of Academic Radiology, Department 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, Naughton PA, Duggan W, Kelly CP, McGrath FP, Leahy AL, Bouchier-Hayes DH, Lee MJ  
*Department of Academic Radiology, Department of Vascular Surgery, Beaumont Hospital, Dublin*

Control No: 279-S-31  
**Patient Doses in Interventional Cardiology: A European Survey**
Gray L, Padovani R, Dowling A, Malone JF  
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

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<th>Session 1: Chair - Dr. Catriona O’Sullivan</th>
<th>9.00 – 9.05</th>
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<td><strong>Opening of Annual Scientific Meeting</strong></td>
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<td>9.05 – 9.30</td>
<td>“Training &amp; Opportunities in the UK”</td>
<td><strong>Professor Ann Barrett</strong></td>
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<td>9.30 – 9.35</td>
<td>Open Discussion</td>
<td><strong>Discussants: Dr. Jerome Coffey, Dr Brian O’Neill</strong></td>
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<td>9.35</td>
<td>Session 2: Chair - Dr Moriarty</td>
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<td><strong>Management of Cancer in Uganda</strong></td>
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<td>9.35 – 9.55</td>
<td>“Palliative Care in Uganda”</td>
<td><strong>Dr. Anne Merriman, Director of Palliative Care Services</strong></td>
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<td>9.55 – 10.15</td>
<td>“Radiotherapy Treatment in Uganda”</td>
<td><strong>Dr. Orla McArdle</strong></td>
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<td>10.15 – 11.00</td>
<td>Chair &amp; Introduction - Professor John Armstrong</td>
<td><strong>Valedictory Lecture</strong></td>
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<td><strong>Radiation Oncology &amp; Cancer Survivorship</strong></td>
<td><strong>Dr Michael Moriarty</strong></td>
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<td>11.00 – 11.20</td>
<td>COFFEE</td>
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<td>11.20</td>
<td>Session 3: Chair - Professor Donal Hollywood</td>
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<td><strong>Radiation Biology Research</strong></td>
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<tr>
<td>11.20 – 11.30</td>
<td>Introduction</td>
<td><strong>Professor Donal Hollywood</strong></td>
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<tr>
<td>11.30 – 11.45</td>
<td>“Radiation-activated Gene Therapy”</td>
<td><strong>Dr Laure Marignol, TCD Research Fellow</strong></td>
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11.45 – 12.00  "Vascular & Coagulopathy Normal Tissue Complication"  
Dr Moya Cunningham, TCD Research Fellow

12.00 – 12.45  "New development in Molecular Radiation Biology from targeted Radiation approaches"  
Professor Kevin Prise – Radiation Biology, Belfast City Hospital

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"  
Dr Brian O’Neill

14.20 – 14.50  "Update on Surgical Management of Colorectal Cancer"  
Mr John Hyland

14.55 – 15.15  "Update on Medical Oncology Management of Colorectal Cancer"  
Dr Liam Grogan

15.15 – 15.20  Discussion

15.20 – 15.55  “Tomotherapy”  
Dr. Nadeem Pervez

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  
Professor Ann Barrett
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 – 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