



**Faculty of Radiologists**  
Royal College of Surgeons in Ireland

**7 CPD Credits Awarded by Faculty of Radiologists, RCSI**  
**RCR CPD Credits Applied for**

Imaging Meeting & Professional Practice and Continuing Education Meeting

Friday 9<sup>th</sup> February 2007  
Venue: Cheyne Theatre, RCSI, Dublin

**Imaging Meeting**

**“Contrast Media”**

- 9.00 -9.20: Iodinated Contrast Media: Dr Peter Seidensticker, Schering AG, Berlin  
9.20 -9.40: Nephrotoxicity. Dr Donal Reddan, Merlin Park University Hospital, Galway  
9.40 -10.00: Ultrasound Contrast Media. Dr Robin Gibney, St. Vincent’s University Hospital, Dublin  
10.00 -10.20: Barium. Dr Brendan Devlin. Altnagelvin Hospital, Derry

***10.20-10.50 Break***

- 10.50-11.10: MR Contrast. DR James Meaney, St. James’s Hospital, Dublin  
11.10-11.30: MR Liver Specific Agents. Dr Dermot Malone, St. Vincent’s University Hospital, Dublin  
11.30-11.50: PET Isotopes. Dr Ruairi O’Donnell, M2i Limited, Blackrock Clinic, Dublin  
11.50-12.10: Management of Contrast Reactions: Dr Dara Breslin. St. Vincent’s University Hospital

12.10-12.30 Panel Discussion

***12.30-13.30*** *The Faculty of Radiologists is pleased to recommend Café Metzo which is located on the first floor and have hot & cold food & beverages available for purchase, (the registration fee has been reduced to allow registrants to make their own lunch arrangements)*

**Professional Practice and Continuing Education Meeting**

**13.30 -15.00: Scientific Session**

- 13.30-13.39: *The role of Magnetic Resonance Spectroscopy in identifying the neurometabolic changes associated with memory improvements following extended rote learning*  
Mr. Jonathan McNulty, Diagnostic Imaging School of Medicine & Medical Science, UCD
- 13.39-13.48: *The Application of Emerging Imaging and Internet Technology in Online Radiology Education*  
Dr. Patrick McLaughlin, Dept of Radiology, Cork University Hospital
- 13.48-13.57: *An investigation of Non-Small Cell Lung Cancer with Dynamic Contrast CT (DC-CT) and Positron Emission Tomography with Integrated CT (PET CT)*  
Dr. Laurence Heslop, Dept of Nuclear Medicine, Royal Victoria Hospital
- 13.57-14.06: *Comparison of Similarity Measures for Driving Diffusion Tensor Registration*  
Dr. Kathleen Curran, School of Medicine & Medical Sciences, UCD
- 14.06-14.15: *Shielding requirements for Multi-Slice Computed Tomography*  
Dr. Noirin Sheahan, Dept of Medical Physics & Bioengineering, St. James’s Hospital
- 14.15-14.24: *A novel approach using a virtual learning environment for delivering Undergraduate Radiology teaching*  
Dr. Alex McVey, Dept. of Radiology, Beaumont Hospital

- 14.24-14.33: *Audit of various MRI scanners using the ACR MRI phantom*  
Ms. Patricia Egan, Dept of Medical Physics, Beacon Hospital
- 14.33-14.42: *A prototype 3D Software Tool for Volumetrically Quantifying Inflammatory Arthritis of the Knee Joint from MRI*  
Dr. John Ryan, School of Medicine and Medical Science, UCD
- 14.42-14.51: *PET-CT in the post-treatment surveillance of lung cancer*  
Dr. Charlie Mullan, Dept of Nuclear Medicine, Royal Victoria Hospital
- 14.51-15.00: *Apoptosis genes: Potential Biomarkers for osteoporosis*  
Dr. Martin Shelly, General Clinical Research Unit, School of Medicine & Medical Science, UCD

### **3.00 -3.30: Break**

#### **“Systems Failures. Lessons from the Aviation Industry”**

- 3.30 -4.15: Capt. Ciaran Carthy: Aer Lingus  
4.14 -5.00: Dr John Dyet: Consultant Radiologist, Hull  
5.00 -6.00: Scenarios Dr Dyet and Captain Carthy  
**(Delegates are requested to bring cases and incidents along for debate)**

### **Poster Presentations**

*Evaluation of the Role of MRI in Thoracic Outlet Compression Syndrome*  
Dr. R. Smyth, Dept. of Radiology, Royal Victoria Hospital

*Contrast enhancement in paediatric CT*  
Dr. S. Porter, Dept of Radiology, Royal Belfast Hospital for Sick Children

*Review of Current Imaging Techniques in Breast MRI*  
Dr. Fiona Carty, Radiology Dept, Cork University Hospital

*Breast Imaging: Optimum Levels of Ambient Lighting*  
Ms. Rachael Toomey, School of Medicine & Medical Sciences, UCD

*An investigation into Management Protocols used to Screen Women at Increased Risk of Contracting Breast Cancer in Ireland*  
Ms. Desiree O’Leary, School of Medicine & Medical Sciences, UCD

*Vertebral fracture prevalence and severity are significantly age and BMD dependent*  
Dr. Philip Hodnett, Dept of Radiology, Cork University Hospital

*Osteoporosis assessment is improved by performing Lateral Vertebral Analysis (LVA) at time of DEXA scanning*  
Dr. Phillip Hodnett, Dept of Radiology, Cork University Hospital

*Pictorial essay of Pericardial Disease*  
Dr. Osama Ezwawah, Radiology Dept, Cork University Hospital

*Optimisation of Digital Radiography Systems in Diagnostic Radiology*  
Mr. David Lavin, Dept of Medical Physics & Bioengineering, University College Hospital, Galway

*A review of Dual-energy X-Ray absorptiometry (DEXA) services in Ireland and the European Union*  
Ms. Ann Larkin, Medical Physics Dept, St. James’s Hospital

*Paediatric Diagnostic Reference levels in Nuclear Medicine Imaging in Ireland*  
Ms. Linda Gray, Medical Physics Dept, St. James’s Hospital

*Retrospective review of Octreotide Studies as a first-line investigation for Neuroendocrine Tumours*  
Dr. O. McNally, Radiology Department, Royal Victoria Hospital

*Digital Receptors Require Strict Collimation for Lumbar Spine Radiology*  
Dr. Martina Glynn, School of Medicine & Medical Science, UCD