FACULTY OF RADIOLOGISTS
ROYAL COLLEGE OF SURGEONS IN IRELAND

ANNUAL SCIENTIFIC MEETING
Thursday 28th - Saturday 30th September

2006

The Royal College of Surgeons in Ireland
(York Street Entrance)

Dr. Éamann Breathnach
Dean

CME Credits:
12 External CME Credits (inclusive of poster exhibition)
Faculty of Radiologists, R.C.S.I.
RCR CME credits applied for.
### Annual Scientific Meeting, Faculty of Radiologists RCSI, 2006

#### Thursday, 28th September 2006

<table>
<thead>
<tr>
<th>Time</th>
<th>Room A</th>
<th>Room B</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00 - 17:00</td>
<td>Albert Theatre</td>
<td>Tutorial Room 1</td>
</tr>
<tr>
<td>14:00 - 15:30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15:30 - 16:00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16:00 - 17:30</td>
<td></td>
<td>NUCLEAR MEDICINE AT 4PM</td>
</tr>
</tbody>
</table>

#### SCIENTIFIC SESSION 1

- 14:00 - 15:30

#### TEA / COFFEE BREAK

- 15:30 - 16:00

#### SCIENTIFIC SESSION 2

- 16:00 - 17:30

---

#### Friday, 29th September, 2006

<table>
<thead>
<tr>
<th>Time</th>
<th>Room A</th>
<th>Room B</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30 - 09:00</td>
<td>Cheyne Lecture Theatre</td>
<td>Albert Lecture Theatre</td>
</tr>
<tr>
<td>9:00 - 10:40</td>
<td>REGISTRATION</td>
<td>CATEGORICAL SESSION 1</td>
</tr>
<tr>
<td>10:40 - 11:10</td>
<td>OPENING OF POSTER AND TECHNICAL EXHIBITIONS (DEAN)</td>
<td>OPENING OF POSTER AND TECHNICAL EXHIBITIONS (DEAN)</td>
</tr>
<tr>
<td></td>
<td>TEA / COFFEE BREAK</td>
<td>TEA / COFFEE BREAK</td>
</tr>
<tr>
<td>11:10 - 13:00</td>
<td>CATEGORICAL SESSION 2</td>
<td>CATEGORICAL SESSION 2 &amp; 3 at 11.00</td>
</tr>
<tr>
<td>13:00 - 14:00</td>
<td>LUNCH - VISIT INDUSTRY EXHIBITION</td>
<td>LUNCH - VISIT INDUSTRY EXHIBITION</td>
</tr>
<tr>
<td>14:00 - 14:30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:30 - 16:00</td>
<td>FACULTY AGM</td>
<td>CATEGORICAL SESSION 3</td>
</tr>
<tr>
<td></td>
<td>CATEGORICAL SESSION 3</td>
<td></td>
</tr>
<tr>
<td>16:00 - 16:30</td>
<td>HAUGHTON LECTURE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prof. N. Gourtsoyiannis</td>
<td></td>
</tr>
<tr>
<td>18:30 for 19.00</td>
<td>Reception, Conferring of Hon. Fellowships and Dinner (Black Tie)</td>
<td>CATEGORICAL SESSION 4 at 15.40</td>
</tr>
</tbody>
</table>

All guests must arrive prior to 7pm
### Annual Scientific Meeting, Faculty of Radiologists RCSI, 2006

<table>
<thead>
<tr>
<th>Time</th>
<th>ROOM A</th>
<th>ROOM B</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30 - 09:00</td>
<td>REGISTRATION</td>
<td>Radiation Oncology Programme</td>
</tr>
<tr>
<td>09:00-11:00</td>
<td>CATEGORICAL SESSION 4</td>
<td>St Luke’s Registrars Prize 2006</td>
</tr>
<tr>
<td>11.00 - 11.30</td>
<td>TEA / COFFEE BREAK</td>
<td></td>
</tr>
<tr>
<td>11:30 - 11:45</td>
<td>CASE OF THE DAY - ROYAL VICTORIA HOSPITAL</td>
<td>PRESENTATION OF MEDALS</td>
</tr>
<tr>
<td>11:45 - 12:15</td>
<td>SCHERING DISTINGUISHED SPEAKERS LECTURE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dr. P. Morris</td>
<td></td>
</tr>
<tr>
<td>12:15 - 12:45</td>
<td>HONORARY FELLOWS LECTURE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prof. N. Gourtsoyiannis</td>
<td></td>
</tr>
</tbody>
</table>

Meeting Ends
### Annual Scientific Meeting, Faculty of Radiologists RCSI, 2006

**Thursday, September 28th, 2006**

**Moderator: Dr. James Meaney, St. James’s Hospital**

**14:00 - 15:30**

**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>14:00</td>
<td>299-S-1</td>
<td>Whole Body Low Dose CT: Dose Optimization and Comparison with Skeletal Survey in the Staging of Multiple Myeloma</td>
<td>Gleeson</td>
<td>Mater Misericordiae Hospital</td>
<td>Eustace</td>
</tr>
<tr>
<td>14:09</td>
<td>299-S-2</td>
<td>Anterior Femoral Condylar Chondromalacia In Patients With Patello-Femoral Disease At MRI : Prevalence and Clinical Significance</td>
<td>Mwangi</td>
<td>Mater Misericordiae Hospital</td>
<td>Eustace</td>
</tr>
<tr>
<td>14:18</td>
<td>299-S-3</td>
<td>Comparison of Technetium (Tc)-Granulocyte and Technetium Susulomab scintigraphy in the evaluation of osteomyelitis</td>
<td>Scanlon</td>
<td>Mater Misericordiae Hospital</td>
<td>O’Connell</td>
</tr>
<tr>
<td>14:27</td>
<td>299-S-5</td>
<td>PET CT in the staging of multiple myeloma – correlation with disease activity and treatment response</td>
<td>Shortt</td>
<td>Cappagh Orthopaedic Hospital &amp; Mater Misericordiae Hospital</td>
<td>Eustace</td>
</tr>
<tr>
<td>14:36</td>
<td>299-S-7</td>
<td>MRI evaluation and measurement of the Normal Odontoid Peg Position.</td>
<td>Cronin</td>
<td>University College Hospital Galway</td>
<td>Roche</td>
</tr>
<tr>
<td>14:45</td>
<td>299-S-21</td>
<td>Age of Commencement of Union of the Epiphyses at the Knee: an Irish population study.</td>
<td>McGrane</td>
<td>Cork University Hospital</td>
<td>Spence</td>
</tr>
<tr>
<td>14:54</td>
<td>299-S-22</td>
<td>Fat Depth at Intramuscular Injection Sites: Correlation with Multifrequency Bioimpedance and BMI</td>
<td>MacMahon</td>
<td>Cappagh Orthopaedic Hospital &amp; Mater Misericordiae Hospital</td>
<td>Eustace</td>
</tr>
<tr>
<td>15:03</td>
<td>299-S-12</td>
<td>Investigation of a novel, fast, high resolution 3D fat suppressed T1 weighted MRI sequence for gadolinium enhanced brain imaging.</td>
<td>McGrath</td>
<td>St. James’s Hospital</td>
<td>Meaney</td>
</tr>
<tr>
<td>15:12</td>
<td>299-S-14</td>
<td>Emergency Percutaneous Arterial Transcatheter Embolisation of Acute Arterial Haemorrhage.</td>
<td>Keeling</td>
<td>Beaumont Hospital</td>
<td>Lee</td>
</tr>
<tr>
<td>15:21</td>
<td>299-S-18</td>
<td>Efficacy and safety of the Angioseal vascular closure device after antegrade puncture</td>
<td>Looby</td>
<td>Beaumont Hospital</td>
<td>Lee</td>
</tr>
<tr>
<td>Time</td>
<td>Control No.</td>
<td>Title</td>
<td>Presenter</td>
<td>Institution</td>
<td>Senior Author</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>----------------------------------------------------------------------</td>
<td>------------</td>
<td>----------------------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>16:00</td>
<td>299-S-11</td>
<td>Imaging trends in patients with Crohn's disease</td>
<td>O'Regan</td>
<td>Cork University Hospital</td>
<td>Maher</td>
</tr>
<tr>
<td>16:09</td>
<td>299-S-13</td>
<td>Prep Free CT Colonography In Frail Elderly Patients: A Viable Alternative?</td>
<td>Keeling</td>
<td>Beaumont Hospital</td>
<td>Morrin</td>
</tr>
<tr>
<td>16:18</td>
<td>299-S-17</td>
<td>Predicting choledocholithiasis in patients presenting with acute biliary colic</td>
<td>McErlean</td>
<td>Beaumont Hospital</td>
<td>Lee</td>
</tr>
<tr>
<td>16:27</td>
<td>299-S-8</td>
<td>Unenhanced Multidetector CT in the diagnosis of urinary tract calculi: factors predicting a positive yield and the incidence of significant alternate diagnoses.</td>
<td>Delaney</td>
<td>St. James's Hospital</td>
<td>Meaney</td>
</tr>
<tr>
<td>16:36</td>
<td>299-S-9</td>
<td>Factors affecting the histological outcome and finding of malignancy in repeat prostate biopsies.</td>
<td>Griffin</td>
<td>University College Hospital Galway</td>
<td>McCarthy</td>
</tr>
<tr>
<td>16:45</td>
<td>299-S-23</td>
<td>Initial Experience with Interstitial Brachytherapy in Patients with Prostate Cancer</td>
<td>MacMahon</td>
<td>Mater Misericordiae Hospital</td>
<td>McNicholas</td>
</tr>
<tr>
<td>16:54</td>
<td>299-S-24</td>
<td>Assessing competence in interpretation of Imaging studies during Final Medical Examination: Experience from University College Cork (UCC).</td>
<td>O'Connor</td>
<td>Cork University Hospital</td>
<td>Maher</td>
</tr>
<tr>
<td>17:12</td>
<td>299-S-25</td>
<td>Contribution of Breast Ultrasound in Reduction of False Negative Mammography Rate</td>
<td>Nthaba</td>
<td>University College Hospital Galway</td>
<td>Sweeney</td>
</tr>
<tr>
<td>17:21</td>
<td>299-S-20</td>
<td>Value of Software Fusion SPECT/CT in Routine Practice</td>
<td>Hambly</td>
<td>Mater Private Hospital</td>
<td>O'Connell</td>
</tr>
</tbody>
</table>
### Categorical Session 1: Emergency Cardiovascular Imaging

**Moderator:** Prof. Peter McCarthy, Dean Elect & Honorary Treasurer, Faculty of Radiologists

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Hospital</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 - 9:20</td>
<td>Acute Thoracic Syndromes</td>
<td>L. Lawler</td>
<td>Mater Misericordiae Hospital</td>
</tr>
<tr>
<td>9:20 - 9:40</td>
<td>GI Embolisation</td>
<td>M. Ryan</td>
<td>St. James's Hospital</td>
</tr>
<tr>
<td>09:40 - 10:00</td>
<td>Pulmonary Embolism</td>
<td>J. Murray</td>
<td>Mater Misericordiae Hospital</td>
</tr>
<tr>
<td>10:00 - 10:20</td>
<td>Role of SPECT Myocardial Perfusion Imaging</td>
<td>M. O'Connell</td>
<td>Mater Misericordiae Hospital</td>
</tr>
<tr>
<td>10:20 - 10:40</td>
<td>Abdominal Aortic Stenting</td>
<td>A. Collins</td>
<td>Royal Victoria Hospital</td>
</tr>
</tbody>
</table>

### Categorical Session 2: Emergency Abdominal Imaging

**Moderator:** Dr. Dermot Malone, Chairman, Research Committee, Faculty of Radiologists

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Hospital</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:10 - 11:30</td>
<td>Acute Abdomen: Trauma</td>
<td>W. Torreggiani</td>
<td>Adelaide / Meath Hospital</td>
</tr>
<tr>
<td>11:30 - 11:50</td>
<td>Acute Abdomen: Non Trauma</td>
<td>M. Maher</td>
<td>Cork University Hospital</td>
</tr>
<tr>
<td>11:50 - 12:10</td>
<td>The Retroperitoneum</td>
<td>P. Kavanagh</td>
<td>James Connolly Memorial Hospital</td>
</tr>
<tr>
<td>12:10 - 12:30</td>
<td>Acute Gynaecological Imaging</td>
<td>A. McNamara</td>
<td>Sligo General Hospital</td>
</tr>
<tr>
<td>12:30 - 12:50</td>
<td>Paediatric Emergencies</td>
<td>E. Twomey</td>
<td>The Children's Hospital, Temple St</td>
</tr>
</tbody>
</table>
**Annual Scientific Meeting, Faculty of Radiologists RCSi, 2006**

**Cheyne Lecture Theatre**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Hospital</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00 - 14:30</td>
<td>Faculty of Radiologists A.G.M.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Categorical Session 3 : Neuroradiology Imaging</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Moderator: Dr. Lynn Johnston, Consultant Radiologist, Belfast City Hospital</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:30 - 16:00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Time</td>
<td>Title</td>
<td>Speaker</td>
<td>Hospital</td>
</tr>
<tr>
<td>14:30 - 15:00</td>
<td>Back to Basics: Emergency Neuroimaging</td>
<td>J. Thornton</td>
<td>Beaumont Hospital</td>
</tr>
<tr>
<td>15:00 - 15:30</td>
<td>Vertebroplasty and Sacroplasty</td>
<td>P. Morris</td>
<td>Wake Forest University Medical Center, Winston-Salem, NC</td>
</tr>
<tr>
<td>15:30 - 16:00</td>
<td>Miscellaneous Musculoskeletal Emergencies</td>
<td>R. Ryan</td>
<td>Mayo General Hospital</td>
</tr>
<tr>
<td><strong>16:00 - 16:30</strong></td>
<td><strong>Haughton Lecture</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Title:</td>
<td>MR Imaging of Inflammatory Bowel Disease: Strengths and weaknesses</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Prof. N. Gourtsoyiannis</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Moderator:</strong></td>
<td>Dr. Êamann Bretnach, Dean, Faculty of Radiologists</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Title:** MR Imaging of Inflammatory Bowel Disease: Strengths and weaknesses

*Prof. N. Gourtsoyiannis*

**Moderator:** Dr. Êamann Bretnach, Dean, Faculty of Radiologists
### Annual Scientific Meeting, Faculty of Radiologists RCSI, 2006

**Cheyne Lecture Theatre**

**DAYS 2: Saturday, September 30th 2006**

#### Categorical Session 4 Future Directions

*Moderator: Dr. Éamann Breatnach, Dean, Faculty of Radiologists*

**Time** | **Title** | **Speaker** | **Hospital**
---|---|---|---
9:00 - 9:30 | Teleradiology | I. Kelly | Waterford Regional Hospital
9:30 - 10:00 | The future of e-learning in UK radiology | P. Cook | Royal Cornwall Hospital
10:00 - 10:30 | From Virtual Reality to the Operating Theatre and Cath Lab | A. Gallagher | Royal College of Surgeons in Ireland
10:30 - 11:00 | Overview of Nanotechnology | M. Lee | Beaumont Hospital

**11:30 - 11:45** CASE OF THE DAY PANEL: DIAGNOSES AND DISCUSSION

*Royal Victoria Hospital, Belfast*

*Moderator:* Dr Jacqueline McKillen

#### Presentation of Medals

**11:45 - 12:15** Schering Distinguished Speakers Lecture

*Endovascular Treatment of Cerebral Aneurysms*

*Dr. Éamann Breatnach, Dean, Faculty of Radiologists*

*Moderator:* Dr. Éamann Breatnach, Dean, Faculty of Radiologists

*Dr. P. Morris*  
*Wake Forest University Medical Center, Winston-Salem, NC*

**12:15 - 12:45** Honorary Fellows Lecture

*European Radiology*

*Prof. N. Gourtsoyiannis*  
*Professor & Chairman, Department of Radiology, University of Crete, Medical School*

*Moderator:* Dr. Éamann Breatnach, Dean, Faculty of Radiologists
POSTER PRESENTATIONS

Display No 1  MRI Manifestations of Neurofibromatosis Type 1 in Children
J B Chami, S Ryan.
Departments of Radiology, Children’s University Hospital, Temple Street, Dublin

Display No 2  Clinical significance of Pneumatosis Intestinalis; Imaging, Pathology & Pitfalls
Scanlon TG, Ni Mhuircheartaigh N, Hambly N, McNicholas M, Fenlon H.
Department of Radiology, Mater Misericordiae Hospital, Dublin

Display No 3  Imaging of Femoro-acetabular Impingement
CP Shortt, A O Hare, J O Byrne, S Eustace
Cappagh National Orthopaedic Hospital, Dublin

Display No 4  Pulmonary Arteriovenous Malformations. A Pictorial review
S Leong, SA O’Keeffe, J McCann, JM Ryan, N McEniff
Department of Radiology, St. James’s Hospital, Dublin 8

Display No 5  Emergency Radiology: Missed Fractures of the Lower Limb: Pictorial Review
Vusirikala Murty¹, N El Saeity², N Ramesh¹
¹Portlaoise Regional Hospital, HSE; ²Leeds/Bradford Hospital, UK

Display No 6  Emergency Radiology: Missed Fractures of the Upper Limb: Pictorial Review
Vusirikala Murty¹, N El Saeity², N Ramesh¹
¹Portlaoise Regional Hospital, HSE; ²Leeds/Bradford Hospital, UK

Display No 7  The Role of MR Spectroscopy in Paediatric Neuroimaging
David Rea, Eilish Twomey, Veronica Donoghue, Stephanie Ryan
Radiology Department, Children’s University Hospital, Temple Street, Dublin
Imaging features of novel fracture fixation devices in modern orthopaedic practice.
I Brennan 1, SA O’Keeffe 1, B Anto 2, H Smyth 2, N McEniff 1
1. Department of Diagnostic Imaging, St James’s Hospital, Dublin
2. Department of Orthopaedic Surgery, St James’s Hospital, Dublin

Is there an association between Prostate Carcinoma and other Renal Tract Pathologies? A Review of MRI findings
C G Cronin, D G Lohan, E Delappe, C McManus, C Roche, P McCarthy
Dept. of Radiology, University College Hospital Galway

Characteristic Appearances of Non-Malignant Areas of Increased Radiotracer Uptake on Bone Scintigraphy- A Review
C G Cronin, D G Lohan, N Gough, E Delappe, D O’Keeffe.
Department of Radiology, University College Hospital, Galway

Uro-radiological Interventions- indication, outcome, controversies and complication
C G Cronin, D G Lohan, C P Meehan, N Gough, I Davidson, G J O’Sullivan, P McCarthy
Department of Radiology, University College Hospital, Galway

Pearls and Pitfalls in imaging Pelvi-Ureteric Junction (PUJ) Obstruction.
C G Cronin, D G Lohan, N Gough, S Persad, E Delappe, C Roche, P McCarthy
Department of Radiology, University College Hospital, Galway

MRI of suspected scaphoid fractures. Information overload?
Mullan, D. Sherif, Z. Rodgers, M. Herbert, J.
Department of Radiology, Whiston Hospital, Liverpool, UK

Differential diagnosis of lesions involving the brain and spinal cord in patients with lymphoma
A. McGrath, C. Farrelly, N. Sheehy, J.F.M. Meaney
Dept. of Radiology, St. James’s Hospital, Dublin

Neonatal Bowel Obstruction: A Pictorial Review
David Rea, Eilish Twomey, Stephanie Ryan, Veronica Donoghue
Radiology Department, Children’s University Hospital, Temple Street, Dublin 1
Display No 16  **Necrotizing Enterocolitis: A Pictorial Review**  
David Rea, Eilish Twomey, Stephanie Ryan, Veronica Donoghue  
*Radiology Department, Children’s University Hospital, Temple Street, Dublin 1*

Display No 17  **Contrast Induced Nephropathy: A Review.**  
K McCarthy, CG Cronin, D Reddan, P McCarthy.  
*Department of Radiology and Nephrology, University College Hospital, Galway.*

Display No 18  **Spondyloysis – Contemporary Understandings, Imaging and Management**  
C Shaw, C Shortt, S Eustace  
*Dept of Radiology, Mater Misericordiae Hospital, Dublin*

Display No 19  **Paediatric vascular lesions- Neurovascular Interventional Radiology to the rescue**  
A. Mc Erlean¹, M. Hurley¹, S. Looby¹, E. Phelan², M.J. Lee¹, P. Brennan¹, J. Thornton¹  
*Department of Radiology, Beaumont Hospital, Dublin¹*  
*Department of Radiology, Our Lady’s Hospital for Sick Children, Dublin²*

Display No 20  **Abdominal Radiography in Intussusception in Paediatrics**  
S. Looby, V. O’Donoghue, S. Ryan  
*Department of Paediatric Radiology, Children’s University Hospital, Temple Street, Dublin*

Display No 21  **Abdominal Cysts in the Neonate**  
S. Looby, A. Tarrant, E. Twomey, V. Donoghue, S. Ryan  
*Department of Paediatric Radiology, Children’s University Hospital, Temple Street.*

Display No 22  **Vitamin D Deficient Rickets – a Re-emerging Issue in our Immigrant Population**  
J. Bracken, S. Ryan, D. Gill, T. Dunne  
*Children’s University Hospital, Temple St., Dublin*
Multimodality Imaging of Pyelonephritis in the Adult
Stunell H, Buckley O, Feeney J, Geoghegan T, Browne RFJ, Torreggiani WC
Department of Radiology, Adelaide & Meath Hospitals incorporating the National Children’s Hospital (AMNCH), Tallaght, Dublin

Prostate Carcinoma Staging using Endorectal MRI and subsequent correlation with histology
O’Brien J\(^1\), Aherne S\(^2\), Buckley O\(^1\), Loftus B\(^2\), Thornhill J\(^3\), Browne R\(^1\), Torreggiani W\(^1\).
Department of Radiology\(^1\), Department of Pathology\(^2\) and Department of Urology\(^3\), Adelaide and Meath Hospital, Dublin

Spinal Trauma: Contemporary approaches to diagnosis with an emphasis on MRI
N Ni Mhuircheartaigh, N Hambly, T Scanlon, SE Eustace, J Murray
Mater Misericordiae University Hospital, Eccles Street, Dublin

Imaging the Complications of Total Hip Replacement.
Moriarty JM\(^1\), Short C\(^2\), O’Byrne J\(^3\), Eustace S\(^1\)
1: Dept. of Radiology, Mater Misericordiae University Hospital
2: Dept. of Radiology, Cappagh National Orthopaedic Hospital
3. Dept. of Orthopaedic Surgery, Cappagh National Orthopaedic Hospital
<table>
<thead>
<tr>
<th>Control No: 299-S-1</th>
<th>Whole Body Low Dose CT: Dose Optimization and Comparision with Skeletal Survey in the Staging of Multiple Myeloma</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Gleeson TG, Scanlon T, O'Hare A, Hambly N, O'Gorman P, Eustace S.</td>
</tr>
<tr>
<td></td>
<td>Dept. of Radiology, Mater Misericordiae University Hospital, Dublin</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Control No: 299-S-2</th>
<th>Anterior Femoral Condylar Chondromalacia In Patients With Patello-Femoral Disease At MRI : Prevalence and Clinical Significance</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>I Mwangi, P MacMahon, S Eustace</td>
</tr>
<tr>
<td></td>
<td>Dept. of Radiology, Mater Misericordiae Hospital, Dublin</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Control No: 299-S-3</th>
<th>Comparison of Technetium (Tc)-Granulocyte and Technetium Susulomab scintigraphy in the evaluation of osteomyelitis</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TG Scanlon, N Ni Mhuircheartaigh, N Hambly, SE Eustace, MJ O Connell.</td>
</tr>
<tr>
<td></td>
<td>Department of Radiology, Mater Misericordiae Hospital, Dublin</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Control No: 299-S-5</th>
<th>PET CT in the staging of multiple myeloma – correlation with disease activity and treatment response</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CP Shortt, T Gleeson, P O’Gorman, M O’Connell, S Eustace</td>
</tr>
<tr>
<td></td>
<td>Cappagh National Orthopaedic Hospital and Mater Misericordiae Hospital, Dublin</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Control No: 299-S-7</th>
<th>MRI evaluation and measurement of the Normal Odontoid Peg Position.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cronin CG, Lohan DG, Meehan CP, Murphy J, Roche C</td>
</tr>
<tr>
<td></td>
<td>Dept of Radiology, University College Hospital Galway</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Control No: 299-S-8</th>
<th>Unenhanced Multidetector CT in the diagnosis of urinary tract calculi: factors predicting a positive yield</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>and the incidence of significant alternate diagnoses.</td>
</tr>
<tr>
<td></td>
<td>Delaney H, O ‘Keeffe S, Meaney JFM,</td>
</tr>
<tr>
<td></td>
<td>Department of Diagnostic Imaging, St. James’s Hospital, Dublin</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Control No: 299-S-9</th>
<th>Factors affecting the histological outcome and finding of malignancy in repeat prostate biopsies.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>T. Griffin, E. Kelliher, P. McCarthy.</td>
</tr>
<tr>
<td></td>
<td>Dept of Radiology, University College Hospital Galway</td>
</tr>
</tbody>
</table>
N Hambly, S Walsh, T Scanlon, G Egan, N Phelan, F Flanagan
Dept of Radiology, Mater Misericordiae Hospital, Dublin

Control No: 299-S-11  Imaging trends in patients with Crohn’s disease
O’Regan K¹, Curran C¹, Desmond A², Kelly D¹, Shanahan F², Maher M¹
¹ Department of Radiology, Cork University Hospital, Cork
² Department of Gastroenterology, Cork University Hospital, Cork

Control No: 299-S-12  Investigation of a novel, fast, high resolution 3D fat suppressed T1 weighted MRI sequence for gadolinium enhanced brain imaging.
A.McGrath, N.Sheehy, S. O’Keeffe, J.F.M.Meaney
Department of Diagnostic Imaging, St. James’s Hospital, Dublin

Control No: 299-S-13  Prep Free CT Colonography In Frail Elderly Patients: A Viable Alternative?
Keeling AN, Morrin MM.
Department of Academic Radiology, Beaumont Hospital, Dublin

Control No: 299-S-14  Emergency Percutaneous Arterial Transcatheter Embolisation of Acute Arterial Haemorrhage.
Keeling AN, Lee MJ.
Department of Academic Radiology, Beaumont Hospital, Dublin

Control No: 299-S-17  Predicting choledocholithiasis in patients presenting with acute biliary colic
A Mc Erlean, D Duke, S Looby, M Morrin, MJ Lee
Department of Radiology, Beaumont Hospital, Dublin

Control No: 299-S-18  Efficacy and safety of the Angioseal vascular closure device after antegrade puncture
Looby S, Given MF, Geoghegan T, Mc Erlean A, Lee M
Department of Radiology, Beaumont Hospital, Dublin

Control No: 299-S-20  Value of Software Fusion SPECT/CT in Routine Practice
N Hambly 1, N Ni Mhuircheartaigh 1, S Maguire 2, P Gilligan 2, MJ O’Connell 1
1 Dept Rad MMUH and 2 Dept Medical Physics Mater Private Hospital
Control No: 299-S-21  
Age of Commencement of Union of the Epiphyses at the Knee: an Irish population study.  
McGrane S, O’Connor JE, Bogue C, Last J, Spence L  
1Department of Radiology, Cork University Hospital.  
2UCD School of Medicine and Medical Science, Dublin

Control No: 299-S-22  
Fat Depth at Intramuscular Injection Sites: Correlation with Multifrequency Bioimpedance and BMI  
MacMahon PJ, McGarvey A, Eustace SJ  
1 Cappagh National Orthopaedic Hospital, Finglas, Dublin  
2 Department of Anatomy, Royal College of Surgeons of Ireland.

Control No: 299-S-23  
Initial Experience with Interstitial Brachytherapy in Patients with Prostate Cancer  
MacMahon PJ, Maher M, McNicholas M.  
Department of Radiology, Mater Misericordiae University Hospital, Dublin

Control No: 299-S-24  
Assessing competence in interpretation of Imaging studies during Final Medical Examination: Experience from University College Cork (UCC).  
*Department Of Radiology, University College, Cork, # Department Of Medicine, University College, Cork

Control No: 299-S-25  
Contribution of Breast Ultrasound in Reduction of False Negative Mammography Rate  
Nthaba G, Ni Mhuircheartaigh J, Delappe E, McCarthy P, Sweeney I  
Dept of Radiology, University College Hospital Galway
Faculty of Radiologists, Annual Scientific Meeting, 29th September & 30th October 2006

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

Radiation Oncology Programme

9.15

Dr. Catriona O'Sullivan
Opening of Annual Scientific Meeting & Chair of Session 1

Training & Opportunities in North America

9.20 – 9.50
Professor Tom Keane
“Training & Opportunities in Canada”

9.50 – 10.10
Dr. Frank Sullivan
“Training & Opportunities in USA”

Open Discussion
Discussants: Dr. Joseph Martin, Dr. Jerome Coffey, Dr. Nadeem Pervez, Dr. Clare Faul

10.30 – 11.00 COFFEE
11.00 Session 2
Chair: Dr. Michael Moriarty

11.00 – 11.30 Dr. John Hillery -
"New Medical Practitioner’s Act
Challenges for the Profession Assurance"

11.30 – 12.00 Professor David Radstone
"Oncology & the Law over the last 25 years"

12.00 – 12.15 Discussion

12.15 Session 3
Chair: Dr. Clare Faul

“Innovations in Radiotherapy” Part 1

12.15 – 12.35 Dr. Jerome Coffey
"The Frequency of Testicular Abnormalities & Other Risk Factors in Patients with Testicular Germ Cell Tumours"

12.35 – 12.55 Dr. Joseph Martin
“A Molecular Approach to the Hippocratic Oath"

12.55 – 13.00 Discussion

13.00 – 14.00 LUNCH
14.00  Session 3
Chair: Dr. Pierre Thirion

“Innovations in Radiotherapy” Part 2

14.00 – 14.20  Dr. Nadeem Pervez
“Tomotherapy and its role in image guided adaptive radiotherapy”

14.20 – 14.50  Dr. Brendan McClean
“New Technologies – IGRT. The preferred option”

14.50 – 15.10  Dr. Carol McGibney
“Image Guidance for High Precision Radiotherapy for Breast Cancer: Impact of Technology & the 4th Dimension”

15.10 – 15.15  Discussion

15.15 – 15.40  COFFEE

15.40 – 16.40  Session 4:
Chair: Professor Donal Hollywood

St Luke’s Sponsored Keynote Address

Professor Thomas Keane
Professor & Chairman, Department of Radiation Oncology and Developmental Radiotherapeutics, Department of Surgery, University of British Columbia and Provincial Radiation Therapy Program Leader, BCCA

“Radiation Therapy for Head & Neck Cancer: What have we learned from Clinical Trials?”
St Luke’s Registrars Prize 2006

Registrars

1. Dr. David Fitzpatrick – St Luke’s Hospital
“Escalated dose for Non Small-Cell Lung Cancer with accelerated hypofractionated three dimensional conformal Radiation Therapy an update”
David Fitzpatrick, Pierre Thirion, Conor Collins, Carmel O’Shea, Steve Buckney, Michael Moriarty, Maeve Pomeroy, Catriona O’ Sullivan, John Armstrong

2. Dr. Gerard McVey – St Luke’s Hospital
“Impact of organ at risk delineation design on the Dosimetric evaluation of Conformal Radiotherapy Plan for Prostate Cancer”

3. Dr. Charles Gillham - Trinity College Dublin
“Correlation of Early Quantitative changes in FDG-PET Uptake with Tumor Regression grade in patients with Localized Esophageal cancer undergoing Neo-adjuvant Chemoradiation”
Charles M. Gillham, Julie A. Lucey, Mary Keogan, George J. Duffy, Vinod Malik, Ali A Raouf, Ken O’Byrne, John V. Reynolds, Donal Hollywood, Cian Muldoon

4. Dr. Orla McArdle – Mulago Hospital, Kampala
“A prospective case control study of toxicity in HIV positive and negative cervical cancer patients – preliminary results”
McArdle O1, Kigula-Mugambe JB1, Nagudi Situma E1

5. Dr. Sinead Brennan – St Luke’s Hospital
“A Randomised Prospective Phase II Study of 12 months versus 3 weeks of Tocopherol and Pentoxifyline, in addition to 3 weeks of Carbogen in the treatment of patients with significant Radiation Late Effects”
Physics

1. Cora Marshall – University College Hospital Galway
"Investigation of Whole Body Dose during Intensity Modulated Radiation Therapy"

Radiation Therapists

1. Laura Mullaney – St Luke’s Hospital
"A Randomised Trial Comparing Bladder Volume Consistency Achieved with Two Bladder-Filling Protocols in Prostate Conformal RT"

2. Evelyn O’Shea – St Luke’s Hospital
“Prospective randomised controlled clinical trial to evaluate 3 immobilisation devices for intra-thoracic RT”