FACULTY OF RADIOLIGISTS
Dámh na Raideolaithe

ROYAL COLLEGE OF SURGEONS
IN IRELAND
Coláiste Ríoga na Máinléá in Éirinn

Annual Scientific Meeting
23rd - 25th September 2010

Dr Risteárd Ó Laoide
Dean

Faculty of Radiologists,
Royal College of Surgeons in Ireland
CPD Credits Awarded: 15

Royal College of Radiologists
CPD Credits Awarded: 15
MEETING OUTLINE

Thursday 23rd September 2010  Albert Lecture Theatre

9.00-9.25am  Registration
9.25-9.30am  Welcome Address, Dr. Risteárd Ó Laoide, Dean, Faculty of Radiologists
9.30-11.00am  Scientific Session I
11.30-1.00pm  Scientific Session II
2.00-3.00pm  Special Session on Spinal Injuries.
3.30-5.00pm  Scientific Session III

Friday 24th September 2010  Cheyne Lecture Theatre

9.00-10.30  Categorical Session I
10.30-11.15am  Haughton Lecture
11.5-11.45am  Opening of Poster & Technical Exhibition
11.45-1.00pm  Session on Emergency Imaging Organisation
2.00-3.00pm  Categorical Session II
3.30-4.20pm  Faculty Annual General Meeting
4.20-5.00pm  Honorary Fellow Lecture
7.00 for 7.30pm  Reception, Honorary Conferring of Fellowships & Dinner (Black tie)

Saturday 25th September 2010  Cheyne Lecture Theatre

8.30-9.00am  Registration
9.00-10.30am  Categorical Session III
10.30-10.45am  Tea/Coffee Break
10.45-12.30pm  Categorical Session IV
12.30-1.00pm  Presentation of Medals

Close of Meeting

PARALLEL SESSION
Venue…TRI
NUCLEAR MEDICINE GROUP
9am-1pm
DAT Scan Masterclass – lecture and sample cases
Dr. Paul Kemp, Southampton
Current Controversies in Nuclear Medicine

Radiation Oncology Programme 2010
Friday 24th September 2010  Albert Theatre
See page 9

8.30-9.15  Registration
9.15 – 9.50  Session 1
9.50 – 11.00  Session 2
11.00 – 11.20  Tea/Coffee Break
11.20 – 13.00  Session 3
13.00 – 14.00  Luncheon
14.00 – 14.50  Session 4
14.50 – 15.10  Tea/Coffee Break
15.10 – 16.15  Keynote Address

St. Luke’s Registrar’s Prize
Saturday 25th September 2010  Albert Theatre
See page 10

8.30-9.00  Registration
9.00 – 10.30  Part I
10.30 – 10.45  Tea/Coffee Break
10.45 – 12.30  Part II
12.30  Awarding of Prizes & Photos
### Thursday 23rd September  
**Albert Theatre**

<table>
<thead>
<tr>
<th>Time</th>
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<tr>
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<td>9.25-9.30am</td>
<td>Welcome Address, Dr. Risteárd Ó Laoide, Dean, Faculty of Radiologists</td>
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<tr>
<td><strong>9.30-11.00am</strong></td>
<td><strong>Scientific Session I</strong></td>
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**Moderator: Dr. Risteárd Ó Laoide**

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<tbody>
<tr>
<td>9.30am</td>
<td>Magnetic resonance imaging in assessment of anorectal fistulae and its role in management</td>
<td>El Essawy</td>
<td>King Khalid University Hospital</td>
<td>Zubaidi</td>
<td>Riyadh</td>
</tr>
<tr>
<td>9.39am</td>
<td>The demographics of radiological publications – Ireland’s place in the world and the importance of funding for radiology research.</td>
<td>Halpenny</td>
<td>Adelaide &amp; Meath National Children’s Hospital</td>
<td>Torreggiani</td>
<td>Dublin</td>
</tr>
<tr>
<td>9.48am</td>
<td>The use of radiologically guided embolization to treat intractable haematuria in patients with advanced transitional cell carcinoma of the bladder</td>
<td>Halpenny</td>
<td>Adelaide &amp; Meath National Children’s Hospital</td>
<td>Browne</td>
<td>Dublin</td>
</tr>
<tr>
<td>9.57am</td>
<td>How can streak artefact be reduced during CT-guided needle core biopsy?</td>
<td>McWilliams</td>
<td>Cork University Hospital</td>
<td>Maher</td>
<td>Cork</td>
</tr>
<tr>
<td>10.06am</td>
<td>MRI in Traumatic Spinal Cord Injury: A Single National Trauma Centre experience with study of imaging features, ASIA score correlation and associated significant non cord-injuries.</td>
<td>Colleran</td>
<td>Mater Misericordiae University Hospital</td>
<td>Lawler, Kavanagh</td>
<td>Dublin</td>
</tr>
<tr>
<td>10.15am</td>
<td>2D and 3D Cardiac CT Angiography-Value in Evaluation of Mechanical Circulatory Support and Ventricular Assist Devices</td>
<td>Kinsella</td>
<td>Mater Misericordiae University Hospital</td>
<td>Lawler</td>
<td>Dublin</td>
</tr>
<tr>
<td>10.24am</td>
<td>Molecular Magnetic Resonance Imaging of Non-Hodgkin Lymphoma</td>
<td>Bolster</td>
<td>Mater Misericordiae University Hospital</td>
<td>Eustace</td>
<td>Dublin</td>
</tr>
<tr>
<td>10.33am</td>
<td>Developing a Molecular Magnetic Resonance Contrast Agent in Oncology: Human epidermal growth factor receptor targeted nanoparticles.</td>
<td>Crosbie</td>
<td>Mater Misericordiae University Hospital</td>
<td>Eustace</td>
<td>Dublin</td>
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<tr>
<td>10.42am</td>
<td>Outside the small bowel- CT enteroclysis: potential benefit in older patients?</td>
<td>Clarke</td>
<td>Our Lady of Lourdes Hospital</td>
<td>Quinn</td>
<td>Dublin</td>
</tr>
<tr>
<td>10.51am</td>
<td>A Retrospective Study of the Imaging features and Time-lines of Impending/Active Aorto-iliac Aneurysm Rupture- a six year single institution review</td>
<td>Walsh</td>
<td>Mater Misericordiae University Hospital</td>
<td>Lawler</td>
<td>Dublin</td>
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<tr>
<td>11.00-11.30am</td>
<td>Tea/Coffee</td>
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## 11.30-1.00pm

### Scientific Session II

**Moderator:** Dr. Ronan Ryan

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<tbody>
<tr>
<td>11.30am</td>
<td>Single examination ultrasound scanning in the investigation of suspected deep venous thrombosis. Is it safe?</td>
<td>Milligan</td>
<td>Ulster Hospital Dundonald</td>
<td>Hyland</td>
<td>Belfast</td>
</tr>
<tr>
<td>11.39am</td>
<td>Can expiratory chest radiographs aid emergency department junior doctors in the diagnosis of suspected pneumothorax?</td>
<td>Milligan</td>
<td>Altnagelvin Area Hospital</td>
<td>Devlin</td>
<td>Londonderry</td>
</tr>
<tr>
<td>11.48am</td>
<td>Can static carpal instability patterns be reliably diagnosed on CT scans?</td>
<td>Milligan</td>
<td>Musgrave Park Hospital</td>
<td>Elliott</td>
<td>Belfast</td>
</tr>
<tr>
<td>11.57am</td>
<td>Variations in aorto-portal venous timing in patients undergoing multi-phasic liver imaging with Multi-detector Computed Tomography (MDCT)</td>
<td>Thornton</td>
<td>Beth Israel Deaconess Medical Center</td>
<td>Siewert</td>
<td>Boston</td>
</tr>
<tr>
<td>12.06pm</td>
<td>Atherosclerotic Disease Assessed by PET/CT in Patients with Rheumatoid Arthritis and Systemic Lupus Erythematosus.</td>
<td>Thornton</td>
<td>Beth Israel Deaconess Medical Center</td>
<td>Kolodny</td>
<td>Boston</td>
</tr>
<tr>
<td>12.15pm</td>
<td>ROC comparison of standard enhanced MRI with and without a hepatocyte-specific gadoteric acid (Primovist) phase in the detection of colorectal liver metastases</td>
<td>Chan</td>
<td>St. Vincent’s University Hospital</td>
<td>Malone</td>
<td>Dublin</td>
</tr>
<tr>
<td>12.24pm</td>
<td>Primary Angioplasty Versus Stenting in Patients with Peripheral Vascular Disease Secondary to SFA Abnormalities</td>
<td>Pennycooke</td>
<td>Beaumont Hospital</td>
<td>Lee</td>
<td>Dublin</td>
</tr>
<tr>
<td>12.33pm</td>
<td>Audit of fractures on thoracolumbar radiographs from all sources, in a Dublin teaching hospital, with the goal of establishing a multidisciplinary osteoporotic assessment unit.</td>
<td>Campbell</td>
<td>Adelaide &amp; Meath National Children's Hospital</td>
<td>Browne</td>
<td>Dublin</td>
</tr>
<tr>
<td>12.42pm</td>
<td>Multiplanar CT reconstruction (MPR) in surgical planning prior to total hip arthroplasty (THA) in patients with acute subcapital femoral fracture to prevent limb length discrepancy.</td>
<td>Flanagan</td>
<td>Cork University Hospital</td>
<td>Maher</td>
<td>Cork</td>
</tr>
<tr>
<td>12.51pm</td>
<td>Comparison between 12 and 6 core prostate biopsy and its effect on prostate cancer detection</td>
<td>Khosa</td>
<td>University College Hospital Galway</td>
<td>McCarthy</td>
<td>Galway</td>
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### 1.00-2.00pm

Lunch

### 2.00-3.00pm

#### Special Session on Spinal Injuries

**Moderator:** Dr. Adrian Brady

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<th>Time</th>
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<tr>
<td>2.00-2.30pm</td>
<td>What Information the Surgeon Needs from Imaging</td>
<td>Mr Ashley Poynton, Mater Misericordiae University Hospital</td>
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<tr>
<td>2.30-3.00pm</td>
<td>Imaging of Spinal Injuries</td>
<td>Dr Leo Lawler/Dr Gabrielle Colleran, Mater Misericordiae University Hospital</td>
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### 3.00-3.30pm

Tea/Coffee
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<tr>
<td>3.30pm</td>
<td>The frequency and characteristics of posterior fossa lesions that are missed on CT</td>
<td>Walshe</td>
<td>University College Hospital Galway</td>
<td>O’Keeffe</td>
<td>Galway</td>
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<tr>
<td>3.39pm</td>
<td>Detection of incidental colorectal malignancies using PET-CT</td>
<td>Knox</td>
<td>St. James’s Hospital</td>
<td>Johnston</td>
<td>Dublin</td>
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<tr>
<td>3.48pm</td>
<td>Snapshot audit of Radiology workload generated by new breast cancer patients and correlation with NCCP cancer specific appointments.</td>
<td>Al Fadhel</td>
<td>Waterford Regional Hospital</td>
<td>Ryan</td>
<td>Waterford</td>
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<tr>
<td>3.57pm</td>
<td>Imaging of the Right Ventricular Wall at 3T in suspected ARVD</td>
<td>Daly</td>
<td>St. James’s Hospital</td>
<td>Meaney</td>
<td>Dublin</td>
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<tr>
<td>4.06pm</td>
<td>Contrast enhanced CMR at 3T in Sudden Cardiac Death Families</td>
<td>Osuntokun</td>
<td>St. James’s Hospital</td>
<td>Meaney</td>
<td>Dublin</td>
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<tr>
<td>4.15pm</td>
<td>Multi-Station Low dose Whole Body MRA at 3T</td>
<td>Knox</td>
<td>St. James’s Hospital</td>
<td>Meaney</td>
<td>Dublin</td>
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<tr>
<td>4.24pm</td>
<td>Does serum C-reactive protein correlate with abdominal adiposity on computed tomography in the non-traumatic acute abdomen?</td>
<td>Parfrey</td>
<td>Cork University Hospital</td>
<td>Maher</td>
<td>Cork</td>
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<tr>
<td>4.33pm</td>
<td>Quantitative Analysis of the Spleen in Patients with Blunt Abdominal Trauma: Is Splenic Volume a CT Indicator of Systemic Shock?</td>
<td>McLaughlin</td>
<td>Cork University Hospital</td>
<td>Maher</td>
<td>Cork</td>
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<tr>
<td>4.42pm</td>
<td>Value of Subtraction of High-Resolution Time-Resolved Contrast-Enhanced MR Angiography Images acquired using a Spiral-TRICKS Sequence in the evaluation of complex congenital heart disease.</td>
<td>Moynagh</td>
<td>Mater Misericordiae University Hospital</td>
<td>Murray</td>
<td>Dublin</td>
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<tr>
<td>4.51pm</td>
<td>Magnetic Resonance Imaging Findings in Subchondral Insufficiency Fractures of the Talar Head</td>
<td>Long</td>
<td>Mater Misericordiae University Hospital</td>
<td>Kavanagh</td>
<td>Dublin</td>
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Friday 24th September

8.30-9.00am Registration

9.00-10.30am CNS Emergencies – Categorical Session I
Moderator: Professor Dermot Malone

9.00-9.30am Non-Traumatic Brain Emergency Imaging
Dr Eugene McKenna, Royal Victoria Hospital, Belfast

9.30-10.00am Brain Trauma Imaging
Dr John Thornton, Beaumont Hospital, Dublin

10.00-10.30am Emergency CNS Intervention
Dr Gerald Wyse, Cork University Hospital, Cork

10.30-11.15am Haughton Lecture
Dr Tony Nicholson, Leeds University Hospital
“Imaging and Intervention in emergency patients-Siamese twins that must not be separated”

11.15-11.45am Tea/Coffee and Opening of Poster & Technical Exhibition
11.45-12.45pm  
Session on Emergency Imaging Organisation  
Moderator: Dr. Barry Kelly  
11.45-12.15pm  Organisation of Trauma Imaging Services  
*Dr Tony Nicholson, Leeds University Hospital*  
12.15-12.45pm  My experiences of interventional radiology in a trauma centre.  
*Professor Salvatore Sclafani*  
*SUNY Downstate Hospital, New York*  

12.45-2.00pm  
Lunch  

2.00-3.20pm  
Chest Emergencies – Categorical Session II  
Moderator: Dr. William Torreggiani  
2.00-2.30pm  Acute Non-Traumatic Chest Emergencies  
*Dr Deirdre Doyle, Cork*  
2.30-3.00pm  Chest Trauma Imaging  
*Prof. Stuart Mirvis,*  
*University of Maryland Medical Centre Baltimore*  
3.00-3.20pm  Aortic Emergencies  
*Dr William Loan, Belfast City Hospital*  

3.20-3.50pm  
Tea/Coffee  

3.50-4.20pm  
Faculty Annual General Meeting  

4.20-5.00pm  
Honorary Fellow Lecture  
*Prof. Stuart Mirvis, Baltimore*  
“CT of aortic injuries—what we have been missing and should we care”  

7.00 for 7.30pm  
Reception, Honorary Conferring of Fellowships & Dinner (Black tie)  

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**Saturday 25th September**  
**Cheyne Theatre**  

8.30-9.00am  
Registration  

9.00-10.30am  
Abdominal/Pelvic Emergencies – Categorical Session III  
Moderator: Dr. Max Ryan  
9.00-9.30am  CT of Acute Abdominal Emergencies  
*Prof. Dermot Malone, St. Vincent’s University Hospital, Dublin*  
9.30-10.00am  Imaging of Abdominal/Pelvic Trauma  
*Dr. Brian Lucey, Galway Clinic, Galway*  
10.00-10.30am  Intervention in Abdominal/Pelvic Trauma  
*Dr Ian Kelly, Waterford Regional Hospital*  

10.30-11.00am  
Tea/Coffee  

11.00-11.30am  
Cases of the Day - Dr Ciaran Johnston, St James's Hospital, Dublin  

11.30-12.30pm  
Extremity Trauma, Categorical Session IV  
Moderator: Dr. Ian Kelly  
11.30-12.00  Commonly Missed Extremity Fractures  
*Dr Nigel Raby, Western Infirmary Hospital, Glasgow*  
12.00-12.30  Intervention in Extremity Trauma  
*Dr Tony Nicholson, Leeds University Hospital*  

12.30-1.00pm  
Presentation of Medals  

Close of Meeting
Display No. 1  
To assess the effect of physiological and biochemical parameters including PSA on cancer incidence in a large cohort of patients undergoing Transrectal Ultrasound Prostate Biopsy (TRUS)  
G. Rooney, O. McCarthy, B. Kanagaratnam, P. McCarthy  
Department of Radiology, UCHG, Galway

Display No. 2  
Imaging Patterns of Xanthogranulomatous Pyelonephritis- Pictorial review.  
Barrett S, Campbell N, McNeill G, Torreggiani W  
Department of Radiology, AMNCH, Tallaght, Dublin

Display No. 3  
Imaging Patterns of Bladder Lymphoma- Pictorial review.  
Barrett S, Campbell N, Stunell H, Torreggiani W.  
Department of Radiology, AMNCH, Tallaght, Dublin 24

Display No. 4  
Imaging Patterns of Renal TB- Pictorial review.  
Barrett S, Campbell N, Stunell H, Torreggiani W.  
Department of Radiology, AMNCH, Tallaght, Dublin 24

Display No. 5  
A review of the new IASLC non-small cell lung cancer staging system and the proposed nodal map  
K Billington, P Beddy1,2, R McDermott1  
1 Department of Radiology, St James’s Hospital, Dublin 8, Ireland  
2 Department of Radiology, Papworth NHS Trust, Papworth Everard Cambridge CB23 3RE, United Kingdom

Display No. 6  
Imaging findings and differential diagnosis of primary CNS lymphoma in the immunocompetent and immunocompromised patient.  
D O’Mahony, D O’Driscoll, M Knox, G Wilson, R McDermott.  
Department of Diagnostic Imaging, St. James’s Hospital, Dublin 8, Ireland.

Display No. 7  
The imaging characteristics of spinal epidural abscesses: A pictorial review.  
TM Walshe1, AM Browne1, C Fleming2, D O’Keeffe1.  
Department of Radiology1 and Department of Infectious diseases2, University College Hospital, Galway and National University of Ireland, Galway.

Display No. 8  
Magnetic resonance (MR) colonography compared with conventional colonoscopy in the detection of colorectal neoplasms and polyps: a critically appraised topic.  
TM Walshe, C Donagh, O Carney, I Davidson  
Department of Radiology, University College Hospital, Galway
A case review series of neuroendocrine tumours presenting with acute abdominal pain.
O. Flanagan, Y. Sheikh, M. O’Riordain, P MacEneaney, E. Fitzgerald.
Mercy University Hospital, Cork.

Improved delineation of alar ligament morphology in asymptomatic subjects: a 3 Tesla MRI study
R. Drescher, H. Burmeister, T. Mayer, P. Schmidt
Department of Neuroradiology, Institute of Radiology, University Hospital Jena, Erlanger Allee 101, 07747 Jena, Germany

Imaging Features of Acute Aorto-Iliac Aneurysm Rupture on 2D and 3D CTA: a Pictorial Essay
A Walsh; G Colleran2, M Moynagh 2, J Murray; L P Lawler2
1Department of Medicine, Mater Misericordiae University Hospital, Dublin
2Department of Radiology, Mater Misericordiae University Hospital, Dublin

Kinky carotids
N Clarke1, J Hanson2, A Quinn2, M Ryan 3
1 Department of Surgery, Our Lady of Lourdes Hospital, Drogheda, Co Louth.
2 Department of Radiology, Our Lady of Lourdes Hospital, Drogheda, Co Louth.
3 Department of Radiology, St James Hospital, St James St., Dublin 8

Head shops: What the radiologist needs to know.
AC O’Neill, CA Ridge, G Fitzpatrick, JD Dodd, EJ Heffernan.
Radiology Department, St. Vincent’s University Hospital, Dublin

Imaging and management of less commonly encountered pseudoaneurysms.
Radiology Department, St Vincent’s University Hospital, Dublin

Horsing Around: a gallop through recreational equestrian trauma
J F Gerstenmaier, A O’Neill, S McEvoy, S McDermott, S E Harte, E J Heffernan
Department of Radiology, St. Vincent’s University Hospital, Dublin

Phyllodes Tumours – A Pictorial Review of the radiological and pathological features.
C. Brennan, C Dewhurst, Y. Sheikh, M. Bennett, P. Smiddy
Department of Radiology, Cork University Hospital, Cork, Ireland,
Department of Breast Imaging, South Infirmary Victoria University Hospital, Cork, Ireland,
Cork University Hospital, Cork, Ireland, Dept of Pathology, Cork University Hospital, Cork, Ireland.
HiN1 influenza. A pictorial review of the variety of chest imaging findings
*Barrett S, Campbell N, Hamilton S, Donnelly M*
Department of Radiology, Department of Anaesthetics, AMNCH, Tallaght, Dublin

Staging of Cervical Cancer using Transvaginal Ultrasound
*Dewhurst C, Brennan C, Hewitt M, Barry JE.*
Department of Radiology, Cork University Hospital, Cork.
Department of Obstetrics and Gynaecology, Cork University Maternity Hospital, Cork.

The radiological diagnosis of diaphyseal aclasis – a multimodality pictorial review.
*Campbell N, Barrett S, Ramadan T, Buckley O, Torreggiani W.*
Department of Radiology, AMNCH, Tallaght, Dublin 24

Imaging Patterns of Atypical Renal Cell Carcinoma Recurrence- Pictorial review.
*Campbell N, Barrett S, Stunell H, Manecksha RP, Torreggiani W.*
Department of Radiology, AMNCH, Tallaght, Dublin 24
Department of Urology, AMNCH, Tallaght, Dublin 24

Potential pitfall in chest CT imaging: ground-glass opacities adjacent to thoracic osteophytes
*O Carney *, H Khosa *, C Donagh †, A O’Regan †, J Bruzzi *
* Department of Radiology, University College Hospital, Galway.
† Department of Respiratory Medicine, University College Hospital, Galway.

Breast MRI and MRI-Guided Vacuum-Assisted Breast Biopsy – A Pictorial Review
*N Ni Mhuireartaigh, FL Flanagan, CS Smith, GC Hargaden*
Breast Health Unit, Department of Radiology, Mater Misericordiae University Hospital and BreastCheck, Eccles Unit.

The pre-operative imaging of potential living related kidney donors
*M Burns, M Morrin*
Department of Radiology, Beaumont Hospital, Dublin

Abdominal MRI in familial partial lipodystrophy: quantitative analysis of adipose tissue distribution aids medical therapy
*P. Mc Laughlin¹, J. Ryan¹, K.N. O'Regan¹, D. O'Halloran¹, M. Maher¹*
¹ Cork University Hospital

Solitary fibrous tumour of the central nervous system: an unusual and unpredictable tumour
*J Ti¹, J Cryan², M Farrell², FM Brett², J Thornton¹, P Brennan¹*
Department of Radiology, Beaumont Hospital, Beaumont Road, Dublin 9
Department of Neuropathology, Beaumont Hospital, Beaumont Road, Dublin 9
Faculty of Radiologists  
Annual Scientific Meeting  
Friday 24th September 2010

Radiation Oncology Programme  
Albert Theatre, RCSI

Session 1  
9.15 | Opening of Annual Scientific Meeting  
Chair: Dr. Clare Faul

9.20 – 9.50 | Professor Jay Harris  
Reflections on Residency Training in Radiation Oncology

Session 2  
Oesophageal Cancer: Tumour Staging and Response  
Chair: Dr. Charles Gillham

9.50 – 10.10 | EUS for Staging and Radiotherapy Planning: Dr Gavin Harewood
10.10 – 10.30 | PET/CT: role in clinical management: Dr John Bruzzi
10.30 – 10.50 | Assessing Neoadjuvant Therapeutic Response: Professor John Reynolds
10.50 – 11.00 | Discussion
11.00 – 11.20 | COFFEE

Session 3  
Gastric Cancer  
Chair: Dr. Aileen Flavin

Debate: Preoperative Chemo-Radiotherapy should be the Standard of Care for locally advanced Gastro-Oesophageal Cancer

11.20 – 11.40 | For: Dr Moya Cunningham
11.40 – 12.00 | Against: Dr Derek Power
12.00 – 12.10 | Discussion
12.10 – 12.25 | 3-D Gastric/GOJ planning: Dr Mazen El Bassiouni
12.25 – 12.40 | 3-D Gastric/GOJ planning: Dr Ivan Williams
12.40 – 12.55 | Post-Gastrectomy CRT- Jejunostomy vs NJ vs TPN: Ms Eimear Finn
12.55 – 13.00 | Discussion
13.00 – 14.00 | LUNCHEON

Session 4  
Breast Cancer  
Chair: Dr Joe Martin

14.00 – 14.25 | MicroRNAs as tumour markers in breast cancer: Professor M Kerin
14.25 – 14.50 | Novel Molecular Abnormalities in Breast Cancer: Dr. Bryan Hennessy
14.50 – 15.10 | COFFEE

Keynote Address

15.10 – 15.15 | Introduction: Professor Donal Hollywood
15.15 – 16.15 | St Luke's Sponsored Keynote Address  
Professor Jay Harris  
Update on the Local Management of Breast Cancer
St. Luke’s Registrar’s Prize
Saturday 25th September 2010

Radiation Oncology Programme

contained in the text

Albert Theatre, RCSI

Chairman –
Dr Catriona O’Sullivan

Adjudication Committee
Prof Jay Harris
Dr Jackie Harney
Dr Dayle Hacking

10mins to present and 5 mins for questions

9.00–10.30 Part I

9.00-9.15 Outcome following stereotactic radiotherapy for early non-small cell lung cancer

Dr C. Lyons

9.15-9.30 Reduced oxygenation does not protect all prostate cancer cells from radiation:
a new role for hypoxia in radiation therapy?

Dr L. Marignol

9.30-9.45 An Irish experience of combined external beam radiotherapy and Iodine 125 brachytherapy
in the management of intermediate to high risk prostate cancer.

Dr P. Daly

9.45-10.00 In vivo a-Si EPID dosimetry for conformal photon beam treatments

Dr E. Tyner

10.00-10.15 Implementation of Active Surveillance for Low-risk Prostate Cancer: A European Study

Dr A. Azmi

10.15-10.30 Correlation of neck 131I Uptake for patients with differentiated thyroid cancer and ablation
rates with RAI

Dr O. Boychak

10.30-10.45 Coffee

10.45-12.30 Part II

10.45-11.00 Exposure to reduced oxygenation following radiation exposure enhances the survival of
prostate cancer cells in vitro: implications for radiation therapy delivery.

Mr B Derek

11.00-11.15 Axillary radiotherapy alone for sentinel node micrometastases (MM) or isolated tumour
cells (ITC) – a comparison of target volume coverage and dose to organs at risk (OARs)
using different radiotherapy planning techniques

Dr A. Barry

11.15-11.30 What is the impact of temozolomide therapy in clinical practice – assessment of glioblas-
toma multiforme treatment outcomes over a 10 year period.

Dr K. Rock

11.30-11.45 Image-guided brachytherapy – Does inter- and intra-observer variation significantly affect
organ at risk dose reported according to GEC-ESTRO recommendations?

Dr F. Duane

11.45-12.00 A single institution review of patients treated with radioactive iodine for hyperthyroidism

Dr. N. Lavan

12.00-12.15 Late Sequelae of Brachytherapy for Cervical Cancer: A Dose Volumetric Analysis

Dr N. Ibrahim

12.15-12.30 Placement of surgical clips during breast conserving surgery – an audit of compliance with
national guidelines

Dr MF Jamaluddin

12.30 Awarding of Prizes & Photos

Posters

Optimizing Small Field Dosimetry with the aid of a computer simulated Elekta Linac.
Daniel O’Brien, Sonia Mahou

An audit of issues/challenges encountered following the implementation of Cone-Beam Computed Tomography
based Image Guided Radiation Therapy in St. Luke’s Hospital, Dublin.
A. Clayton-Lea, C. Brett, P. Davenport, E.O’Shea

Dosimetric analysis of inter-fraction patient and organ motion
P. McBride, I. Williams and P. Davenport

The implementation of a Radiation Therapist-led Vaginal Vault Brachytherapy Service for gynaecological patients
at St. Luke’s Hospital.