

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 Breatnach
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		
	ROOM A Albert Theatre	ROOM B Tutorial Room 1
14:00 - 17:00		NUCLEAR MEDICINE AT 4PM
14:00 - 15:30	SCIENTIFIC SESSION 1	
15:30 - 16:00	TEA / COFFEE BREAK	
16:00 - 17:30	SCIENTIFIC SESSION 2	
Friday, 29th September, 2006		
	ROOM A Cheyne Lecture Theatre	ROOM B Albert Lecture Theatre
08:30 - 09:00	REGISTRATION	RADIATION ONCOLOGY PROGRAMME REGISTRATION
9:00 - 10:40	CATEGORICAL SESSION 1	CATEGORICAL SESSION 1
10:40 - 11:10	OPENING OF POSTER AND TECHNICAL EXHIBITIONS (DEAN) TEA / COFFEE BREAK	OPENING OF POSTER AND TECHNICAL EXHIBITIONS (DEAN) TEA / COFFEE BREAK
11:10 - 13:00	CATEGORICAL SESSION 2	CATEGORICAL SESSION 2 & 3 at 11.00
13:00 - 14:00	LUNCH - VISIT INDUSTRY EXHIBITION	LUNCH - VISIT INDUSTRY EXHIBITION
14:00 - 14:30	FACULTY AGM	CATEGORICAL SESSION 3 Continued
14:30 - 16:00	CATEGORICAL SESSION 3	
16:00 - 16:30	HAUGHTON LECTURE Prof. N. Gourtsoyiannis	TEA / COFFEE BREAK at 15.15
18:30 for 19.00	Reception, Conferring of Hon. Fellowships and Dinner (Black Tie) All guests must arrive prior to 7pm	CATEGORICAL SESSION 4 at 15.40

Annual Scientific Meeting, Faculty of Radiologists RCSI, 2006

Saturday, September 30th 2006	ROOM A Cheyne Lecture Theatre	ROOM B Albert Lecture Theatre
08:30 - 09:00	REGISTRATION	Radiation Oncology Programme
09:00-11:00	CATEGORICAL SESSION 4	
11:00 - 11:30	TEA / COFFEE BREAK	St Luke's Registrars Prize 2006
11:30 - 11:45	CASE OF THE DAY - ROYAL VICTORIA HOSPITAL PRESENTATION OF MEDALS	
11:45 - 12:15	SCHERING DISTINGUISHED SPEAKERS LECTURE Dr. P. Morris	
12:15 - 12:45	HONORARY FELLOWS LECTURE Prof. N. Gourtsoyiannis	
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

Time	Control No.	Title	Presenter	Institution	Senior Author
14:00	299-S-1	Whole Body Low Dose CT: Dose Optimization and Comparison with Skeletal Survey in the Staging of Multiple Myeloma	Gleeson	Mater Misericordiae Hospital	Eustace
14:09	299-S-2	Anterior Femoral Condylar Chondromalacia In Patients With Patello-Femoral Disease At MRI : Prevalence and Clinical Significance	Mwangi	Mater Misericordiae Hospital	Eustace
14:18	299-S-3	Comparison of Technetium (Tc)-Granulocyte and Technetium Susulomab scintigraphy in the evaluation of osteomyelitis	Scanlon	Mater Misericordiae Hospital	O'Connell
14:27	299-S-5	PET CT in the staging of multiple myeloma – correlation with disease activity and treatment response	Shortt	Cappagh Orthopaedic Hospital & Mater Misericordiae Hospital	Eustace
14:36	299-S-7	MRI evaluation and measurement of the Normal Odontoid Peg Position.	Cronin	University College Hospital Galway	Roche
14:45	299-S-21	Age of Commencement of Union of the Epiphyses at the Knee: an Irish population study.	McGrane	Cork University Hospital	Spence
14:54	299-S-22	Fat Depth at Intramuscular Injection Sites: Correlation with Multifrequency Bioimpedance and BMI	MacMahon	Cappagh Orthopaedic Hospital & Mater Misericordiae Hospital	Eustace
15:03	299-S-12	Investigation of a novel, fast, high resolution 3D fat suppressed T1 weighted MRI sequence for gadolinium enhanced brain imaging.	McGrath	St. James's Hospital	Meaney
15:12	299-S-14	Emergency Percutaneous Arterial Transcatheter Embolisation of Acute Arterial Haemorrhage.	Keeling	Beaumont Hospital	Lee
15:21	299-S-18	Efficacy and safety of the Angioseal vascular closure device after antegrade puncture	Looby	Beaumont Hospital	Lee

Annual Scientific Meeting, Faculty of Radiologists RCSI, 2006

Thursday, September 28th, 2006

Moderator: Dr. Barry Kelly, Royal Victoria Hospital

16:00 - 17:30

Scientific Session 2: Albert Lecture Theatre

Time	Control No.	Title	Presenter	Institution	Senior Author
16:00	299-S-11	Imaging trends in patients with Crohn's disease	O'Regan	Cork University Hospital	Maher
16:09	299-S-13	Prep Free CT Colonography In Frail Elderly Patients: A Viable Alternative?	Keeling	Beaumont Hospital	Morrin
16:18	299-S-17	Predicting choledocholithiasis in patients presenting with acute biliary colic	McErlean	Beaumont Hospital	Lee
16:27	299-S-8	Unenhanced Multidetector CT in the diagnosis of urinary tract calculi: factors predicting a positive yield and the incidence of significant alternate diagnoses.	Delaney	St. James's Hospital	Meaney
16:36	299-S-9	Factors affecting the histological outcome and finding of malignancy in repeat prostate biopsies.	Griffin	University College Hospital Galway	McCarthy
16:45	299-S-23	Initial Experience with Interstitial Brachytherapy in Patients with Prostate Cancer	MacMahon	Mater Misericordiae Hospital	McNicholas
16:54	299-S-24	Assessing competence in interpretation of Imaging studies during Final Medical Examination: Experience from University College Cork (UCC).	O'Connor	Cork University Hospital	Maher
17:03	299-S-10	Impact of Digital Mammography in Breast Cancer Screening: Initial Experience in the Irish National Breast Screening Program.	Hambly	Mater Misericordiae Hospital	Flanagan
17:12	299-S-25	Contribution of Breast Ultrasound in Reduction of False Negative Mammography Rate	Nthaba	University College Hospital Galway	Sweeney
17:21	299-S-20	Value of Software Fusion SPECT/CT in Routine Practice	Hambly	Mater Private Hospital	O'Connell

Annual Scientific Meeting, Faculty of Radiologists RCSI, 2006

Cheyne Lecture Theatre

DAY 1: Friday, September 29th, 2006

Categorical Session 1 : Emergency Cardiovascular Imaging

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

9:00 - 10:40

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

Categorical Session 2 : Emergency Abdominal Imaging

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

11:10 - 13:00

Time	Title	Speaker	Hospital
11:10 - 11:30	Acute Abdomen: Trauma	W. Torreggiani	Adelaide / Meath Hospital
11:30 - 11:50	Acute Abdomen: Non Trauma	M. Maher	Cork University Hospital
11:50 - 12:10	The Retroperitoneum	P. Kavanagh	James Connolly Memorial Hospital
12:10 - 12:30	Acute Gynaecological Imaging	A. McNamara	Sligo General Hospital
12:30 - 12:50	Paediatric Emergencies	E. Twomey	The Children's Hospital, Temple St

Annual Scientific Meeting, Faculty of Radiologists RCSI, 2006

Cheyne Lecture Theatre

14:00 - 14:30 Faculty of Radiologists A.G.M.

Categorical Session 3 : Neuroradiology Imaging

Moderator: Dr. Lynn Johnston, Consultant Radiologist, Belfast City Hospital

14:30 - 16:00

Time	Title	Speaker	Hospital
14:30 - 15:00	Back to Basics: Emergency Neuroimaging	J. Thornton	Beaumont Hospital
15:00 - 15:30	Vertebroplasty and Sacroplasty	P. Morris	Wake Forest University Medical Center, Winston-Salem, NC
15:30 - 16:00	Miscellaneous Musculoskeletal Emergencies	R. Ryan	Mayo General Hospital

16:00 - 16:30 **Haughton Lecture**

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

Prof. N. Gourtsoyiannis

Professor & Chairman, Department of
Radiology, University of Crete, Medical School

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

Annual Scientific Meeting, Faculty of Radiologists RCSI, 2006

Cheyne Lecture Theatre

DAY 2: Saturday, September 30th 2006

Categorical Session 4 Future Directions

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

9:00 - 11:00

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. P. Morris

Wake Forest University Medical Center,
Winston-Salem, NC

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

12:15 - 12:45 Honorary Fellows Lecture

European Radiology

Prof. N. Gourtsoyannis

Professor & Chairman, Department of
Radiology, University of Crete, Medical School

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

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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

- Display No 8** **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*
- Display No 9** **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
- Display No 10** **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
- Display No 11** **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
- Display No 12** **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
- Display No 13** **MRI of suspected scaphoid fractures. Information overload?**
Mullan, D. Sherif, Z. Rodgers, M. Herbert, J.
Department of Radiology, Whiston Hospital, Liverpool, UK
- Display No 14** **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
- Display No 15** **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** **Spondylolysis – 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

Display No 23

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

Display No 24

Prostate Carcinoma Staging using Endorectal MRI and subsequent correlation with histology

O'Brien J¹, Aherne S², Buckley O¹, Loftus B², Thornhill J³, Browne R¹, Torreggiani W¹.

Department of Radiology¹, Department of Pathology² and Department of Urology³, Adelaide and Meath Hospital, Dublin

Display No 25

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

Display No 26

Imaging the Complications of Total Hip Replacement.

Moriarty JM¹, Short C², O'Byrne J³, Eustace S¹

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

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ORAL PRESENTATIONS

- Control No: 299-S-1** **Whole Body Low Dose CT: Dose Optimization and Comparison with Skeletal Survey in the Staging of Multiple Myeloma**
Gleeson TG, Scanlon T, O'Hare A, Hambly N, O'Gorman P, Eustace S.
Dept. of Radiology, Mater Misericordiae University Hospital, Dublin
- Control No: 299-S-2** **Anterior Femoral Condylar Chondromalacia In Patients With Patello-Femoral Disease At MRI : Prevalence and Clinical Significance**
I Mwangi, P MacMahon, S Eustace
Dept. of Radiology, Mater Misericordiae Hospital, Dublin
- Control No: 299-S-3** **Comparison of Technetium (Tc)-Granulocyte and Technetium Susulomab scintigraphy in the evaluation of osteomyelitis**
TG Scanlon, N Ni Mhuircheartaigh, N Hambly , SE Eustace, MJ O Connell.
Department of Radiology, Mater Misericordiae Hospital, Dublin
- Control No: 299-S-5** **PET CT in the staging of multiple myeloma – correlation with disease activity and treatment response**
CP Shortt, T Gleeson, P O'Gorman, M O'Connell, S Eustace
Cappagh National Orthopaedic Hospital and Mater Misericordiae Hospital, Dublin
- Control No: 299-S-7** **MRI evaluation and measurement of the Normal Odontoid Peg Position.**
Cronin CG, Lohan DG, Meehan CP, Murphy J, Roche C
Dept of Radiology, University College Hospital Galway
- Control No: 299-S-8** **Unenhanced Multidetector CT in the diagnosis of urinary tract calculi: factors predicting a positive yield and the incidence of significant alternate diagnoses.**
Delaney H, O `Keeffe S, Meaney JFM,
Department of Diagnostic Imaging, St. James`s Hospital, Dublin
- Control No: 299-S-9** **Factors affecting the histological outcome and finding of malignancy in repeat prostate biopsies.**
T. Griffin, E. Kelliher, P. McCarthy.
Dept of Radiology, University College Hospital Galway

- Control No: 299-S-10** **Impact of Digital Mammography in Breast Cancer Screening: Initial Experience in the Irish National Breast Screening Program.**
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 S¹, O'Connor JE², Bogue C¹, Last J², Spence L¹
¹*Department of Radiology, Cork University Hospital.*
²*UCD 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 PJ¹, McGarvey A², Eustace SJ¹.
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).**
OJ O'Connor, S. O'Flynn, R. Lynch, L. Spence, M. Ryan, D. Kelly, J. Barry, E. Fitzgerald, P.MacEaney, N.O'Donovan, B. Kenny, P.O' Brien, P.O'Leary, E.Quigley, F.Shanahan, MM Maher
**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 Mhuirheartaigh 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 4 th 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"

McVey G, Kelly C, Fitzpatrick K, O'Hara T, Armstrong J, Thirion P

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 Pentoxifylline, 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”

Cora Marshall, Joseph Martin, Luke Rock

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”

Laura Mullaney, Evelyn O’ Shea, Louise O’ Neill, John Armstrong, Pierre Thirion.

2. Evelyn O’Shea – St Luke’s Hospital

“Prospective randomised controlled clinical trial to evaluate 3 immobilisation devices for intra-thoracic RT”

E. O’Shea, R. McCloy, R. Murrells, T. O’Hara, A. Clayton-Lea, M. Murphy, P. Browne, C. Booth, P. Thirion.

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ROYAL COLLEGE OF SURGEONS IN IRELAND

ANNUAL SCIENTIFIC MEETING
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2006