

FACULTY OF RADIOLOGISTS

ROYAL COLLEGE OF SURGEONS IN IRELAND

There are 9 CPD credits awarded to this meeting.
Royal College of Radiologists Credits are applied for.
CPD credits are also recognised by the Royal
College of Physicians and Surgeons of Canada

COMBINED SPRING MEETING

20TH & 21ST APRIL 2007

“MUSCULOSKELETAL IMAGING”



Lyrath Estate Hotel
Co. Kilkenny

The Radiological Society of Ireland
&
The Radiology Section of the
Royal Academy of Medicine in Ireland

Spring Meeting, Faculty of Radiologists RCSI, 2007

Friday, April 20th, 2007

10:00	Registration
10:30-12:00	Scientific Session 1
12:30 - 12:45	Update from UCD MSc Programme in Radiological Sciences – Contemporary Issues in MRI, MSc Students
12:45 - 13:45	Lunch
13:45 - 14:50	Scientific Session 2
14:50 - 15:30	Getting Research into Practice: Clinical Questions and ‘Evidence Based’ Answers, MSc Students
15:30 - 16:00	Tea / Coffee Break
16:00 - 18:00	BAYER SCHERING PHARMA SYMPOSIUM
19:00	Pre-Dinner Reception in the XBar, Lyrath Estate Hotel
20:15	Coach Departs for Rinuccini Restaurant

Spring Meeting, Faculty of Radiologists RCSI, 2007

Saturday, April 21st, 2007

09:00 - 10:30	Categorical Session 1	Advanced Topics in MSK Imaging Part 1
10:30 - 11:00	Tea / Coffee Break	
11:00 - 11:30	Annual General Meeting, Radiological Society of Ireland	
11:30 - 13:00	Categorical Session 2	Advanced Topics in MSK Imaging Part 2
19:30	Pre-Dinner Reception & Gala Dinner	Ballroom, Lyrath Estate Hotel

MEETING ENDS

Spring Meeting, Faculty of Radiologists RCSI, 2007

10.30-12.00 Scientific Session 1

Friday 20th April 2007

Moderator: Dr. Phyllis O'Sullivan.

Control Number	Time	Title	Presenter	Hospital	Senior Author
Spr-07-S-2	10.30 - 10.39	Coeliac disease – prevalence and radiological findings of associated malignancy	DeLappe	University Collge Hospital Galway	Murphy
Spr-07-S-5	10.39 - 10.48	Imaging of blunt abdominal trauma with multi-detector row computed tomography. Correlation with Revised Trauma Score and Glasgow Coma Scale	Hodnett	Cork University Hospital	Maher
Spr-07-S-6	10.48 - 10.57	Imaging for Thromboemboli in patients with Crohn's disease: An audit of a single institution.	O'Connor	Cork University Hospital	Maher
Spr-07-S-7	10.57 - 11.06	The use and efficacy of Ultrasound imaging in patients with Crohn's disease: A fourteen year audit from a single institution.	O'Connor	Cork University Hospital	Maher
Spr-07-S-11	11.06 - 11.15	Evaluation of 64 Slice CT Urography in the Investigation of Patients with Haematuria	McNally	St. James's Hospital	Keogan
Spr-07-S-12	11.15 - 11.24	Correlation of CT findings in blunt abdominal trauma with haematocrit	Carty	Cork University Hospital	Maher
Spr-07-S-16	11.24 - 11.33	Prevalence and significance of Asymptomatic Venous Thromboembolic Disease (DVT and PE) found on oncological staging Computed Tomography (CT) Scans.	Cronin	University Collge Hospital Galway	Murphy
Spr-07-S-17	11.33 - 11.42	MR Small Bowel Enterography: Optimisation of Imaging Timing	Meehan	University Collge Hospital Galway	Murphy
Spr-07-S-9	11.42 - 11.51	Subintimal Angioplasty: Long-term Follow-up.	Keeling	Beaumont Hospital	Lee
Spr-07-S-15	11.51 - 12.00	Evaluation of Deformable Superabsorbent Polymer Microspheres for Treatment of Hypervascular Liver Tumours	McMahon	St. James's Hospital	Ryan

12.00 -12.45 Open Session, MSc Students

Moderator: Professor S. Eustace

Update from UCD MSc programme in Radiological Sciences – Contemporary Issues in MRI

Prof S. Eustace, Dr D. Malone, Dr J. Meaney.

12.00 - 12.10	Improved MR Imaging of Claustrophobic Patients	Dr S Shine	Mater Misericordiae Hospital
12.10 - 12.20	Improved MR Imaging of Orthopaedic Hardware - Artefact Reduction	Dr J. Kerr	Mater Misericordiae Hospital
12.20 - 12.30	3T or 1.5T MRI	Dr A O'Hare	Mater Misericordiae Hospital
12.30 - 12.40	Developments In MR Angiography	Dr C Farrelly	St. James's Hospital

Spring Meeting, Faculty of Radiologists RCSI, 2007

13.45-14.50 Scientific Session 2

Friday 20th April 2007

Moderator: Dr. Kieran Carroll

Control Number	Time	Title	Presenter	Hospital	Senior Author
Spr-07-S-1	13.45 - 13.54	Audit of Side Effect Profile with the use of low Osmolar & Isotonic Contrast Agents	McAvoy	Royal Victoria Hospital	Ellis
Spr-07-S-3	13.54 - 14.03	Radiation dose considerations in the preoperative planning of hip replacement surgery	Mullan	Musgrave Park Hospital	Elliott
Spr-07-S-4	14.03 - 14.12	Retrospective review of thirty-three patients referred to the Erne department of radiology for investigation of suspected subarachnoid haemorrhage.	Clarke	Erne Hospital	Conneally
Spr-07-S-8	14.12 - 14.21	Empyema or Effusion: Outcome of Small Bore Catheter Drainage.	Keeling	Beaumont Hospital	Lee
Spr-07-S-10	14.21 - 14.30	Retrospective Review of US Guided FNA of Thyroid	Kelly	Royal Victoria Hospital	Ellis
Spr-07-S-13	14.30 - 14.39	Unsuspected Musculoskeletal Metastases Detected using PET/CT when compared to conventional imaging	McNally	Royal Victoria Hospital	Lynch
Spr-07-S-14	14.39 - 14.48	Ionising Radiation: Do doctors understand what they are prescribing?	Beddy	St. James's Hospital	McDermott

14.50 - 15.30 Getting Research into Practice': Clinical Questions and 'Evidence-Based' Answers

Moderator: Dr. D. Malone

14.50 - 14.58	Introduction	Dr D. Malone	St. Vincent's University Hospital/UCD
14.58 - 15.06	Angiomyolipoma on US. Is CT indicated to exclude Renal Carcinoma?	Dr C. Farrelly	St. James's Hospital
15.06 - 15.14	Renal calculus: CT or IVU?	Dr S. Shine	Mater Misericordiae Hospital
15.14 - 15.22	Does CT screening influence outcome in early lung cancer?	Dr A. O'Hare	Mater Misericordiae Hospital
15.22 - 15.30	Crohn's disease: Fluoroscopic or CT Enteroclysis?	Dr J. Kerr	Mater Misericordiae Hospital

16.00 - 18.00 MSK Radiology: Review topics for the Fellowship Examination

Moderator: Professor Peter McCarthy, Dean

Time	Title	Presenter	Institution
16.00 -16.20	The Cervical Spine	Dr D. O’Keeffe	University College Hospital, Galway
16.20-16.40	The Ankle	Dr F. McGrath	Beaumont Hospital
16.40-17.00	Fractures for Fellowship	Dr L. Spence	Cork University Hospital
17.00-17.20	Rheumatoid Arthritis	Dr E. Kavanagh	University of Pittsburgh Medical Centre
17.20-17.40	Metabolic Bone Disease	Dr J. Griffith	The Chinese University of Hong Kong
17.40-18.00	Crystal Diseases	Prof. S Eustace	Mater Misericordiae Hospital

19.00 Pre-Dinner Reception in the Xbar, Lyrath Estate Hotel

20.15 Coach Departs for Rinuccini Restaurant

Spring Meeting, Faculty of Radiologists RCSI, 2007

0900 - 1030

Categorical Session 1

Advanced Topics in MSK Imaging Part 1

Saturday 21st April 2007

Moderator: Dr. Margot Brannigan

Time	Title	Presenter	Institution
09.00 - 09.20	The Wrist	Dr P. Cunningham	Our Lady of Lourdes Hospital, Drogheda
09.20- 09.40	The Failed Back	Dr D. Taylor	Musgrave Park Hospital, Belfast
09.40 -10.00	The Shoulder	Dr J. Griffith	The Chinese University of Hong Kong
10.00 -10.20	The Knee	Dr M. Elliott	Musgrave Park Hospital, Belfast
10.20 -10.30	Panel Discussion		
10.30 - 11.00	Coffee Break /Poster Exhibition		

11.00 -11.30

**Annual General Meeting
Radiological Society of Ireland**

Spring Meeting, Faculty of Radiologists RCSI, 2007

11.30 - 13.00

Categorical Session 2

Advanced Topics in MSK Imaging Part 2

Saturday 21st April 2007

Edward Malone, Radiological Society of Ireland Medal

Presentation by Dean, Professor McCarthy

Moderator: Dr. Peter MacEneaney

Time	Title	Presenter	Institution
11.30 -11.50	Sports Injuries	Prof S. Eustace	Mater Misericordiae Hospital
11.50 -12.10	Ultrasound	Dr E. Kavanagh	University of Pittsburgh Medical Centre
12.10 -12.30	CT	Dr L. Spence	Cork University Hospital
12.30 -12.50	Nuclear Medicine	Dr S. Skehan	St. Vincent's University Hospital
12.50 -13.00	Panel Discussion		
13:00	Meeting Closes		

19:30 Pre Dinner Drinks Reception

20:30 Gala Dinner, Ballroom, Lyrath Estate Hotel

Spring Meeting, Faculty of Radiologists RCSI, 2007

Oral Presentations

Spr-07-S-1

Audit of Side Effect Profile with the use of low Osmolar & Isotonic Contrast Agents

F McAvoy, A Collins, PT Kennedy, MHS Love, S McKernan, PK Ellis

Department Of Radiology, Royal Victoria Hospital, Belfast

Spr-07-S-2

Coeliac disease – prevalence and radiological findings of associated malignancy

E. DeLappe, C. Cronin, J ni Mhuirheartaigh, C. Meehan, J. Murphy

University College Hospital Galway

Spr-07-S-3

Radiation dose considerations in the preoperative planning of hip replacement surgery

CP Mullan, RB Mooney, DE Beverland, HAP Archbold, JM Elliott

Department of Radiology, Musgrave Park Hospital, Belfast

Spr-07-S-4

Retrospective review of thirty-three patients referred to the Erne department of radiology for investigation of suspected subarachnoid haemorrhage.

Dr G Clarke, Mrs M Ferguson, Dr G Loughrey, Dr P Conneally.

The Department of Radiology, Erne Hospital, Enniskillen, Co. Fermanagh.

Spr-07-S-5

Imaging of blunt abdominal trauma with multi-detector row computed tomography. Correlation with Revised Trauma Score and Glasgow Coma Scale

P.A. Hodnett, F. Carty, P McLaughlin, K O' Regan, M Ryan, J Barry, M Maher

Radiology Department, Cork University Hospital, Cork

Spr-07-S-6

Imaging for Thromboemboli in patients with Crohn's disease: An audit of a single institution.

Mortimer B. O'Connor¹, Kevin O'Regan², Alan Desmond³, Carmel Curran⁴, Cressida Brennan⁵, Derabhail O'Driscoll⁶, Fergus Shanahan^{3,7}, Michael M. Maher².

1. The Department of Surgery, Cork University Hospital, Cork, Ireland.
2. The Department of Radiology, Cork University Hospital, Cork, Ireland.
3. The Department of Gastroenterology and Hepatology, Cork University Hospital, Cork, Ireland.
4. The School of Medicine, University College Cork, Cork, Ireland.
5. The Department of Medicine, Mercy University Hospital, Cork, Ireland.
6. The Department of Medicine, Cork University Hospital, Cork, Ireland.
7. Alimentary Pharmabiotic Centre, University College Cork, Cork, Ireland.

Spr-07-S-7

The use and efficacy of Ultrasound imaging in patients with Crohn's disease: A fourteen year audit from a single institution.

Mortimer B. O'Connor¹, Alan Desmond², Kevin O'Regan³, Carmel Curran⁴, Derabhail O'Driscoll⁵, Cressida Brennan⁶, Fergus Shanahan^{2,7}, Michael M. Maher³.

1. The Department of Surgery, Cork University Hospital, Cork, Ireland.
2. The Department of Gastroenterology and Hepatology, Cork University Hospital, Cork, Ireland.
3. The Department of Radiology, Cork University Hospital, Cork, Ireland.
4. The School of Medicine, University College Cork, Cork, Ireland.
5. The Department of Medicine, Cork University Hospital, Cork, Ireland.
6. The Department of Medicine, Mercy University Hospital, Cork, Ireland.
7. Alimentary Pharmabiotic Centre, University College Cork, Cork, Ireland.

Spr-07-S-8

Empyema or Effusion: Outcome of Small Bore Catheter Drainage.

Keeling AN, Leong S, Logan PM, Lee MJ.

Department of Academic Radiology, Beaumont Hospital, Dublin

Spr-07-S-9

Subintimal Angioplasty: Long-term Follow-up.

Keeling A.N., Given M.F., Khalidi K, Ti J.P., Thornton E, McGrath F.P., Lee M.J.

Department of Academic Radiology, Beaumont Hospital, Dublin

Spr-07-S-10

Retrospective Review of US Guided FNA of Thyroid

Dr R Kelly, Dr M Love, Dr P K Ellis,

Department of Radiology, Royal Victoria Hospital, Belfast

Spr-07-S-11

Evaluation of 64 Slice CT Urography in the Investigation of Patients with Haematuria

McNally S, O'Keeffe S, Lynch T, Keogan M.

St. James's Hospital, Dublin

Spr-07-S-12

Correlation of CT findings in blunt abdominal trauma with haematocrit

F Carty,¹ P Hodnett,¹ P McLaughlin,¹ J Barry,¹ I O'Sullivan,² M Maher¹

¹Department of Radiology, Cork University Hospital.

²Department of Emergency Medicine, Cork University Hospital.

Spr-07-S-13

Unsuspected Musculoskeletal Metastases Detected using PET/CT when compared to conventional imaging

McNally O¹, Hughes S¹, Clarke J¹, Lynch T².

¹X-Ray Department, Royal Victoria Hospital, Grosvenor Road, Belfast

²NI Cancer Centre, Belfast City Hospital

Spr-07-S-14

Ionising Radiation: Do doctors understand what they are prescribing?

P Beddy, M McCusker, M Keogan, R McDermott

Department of Radiology, St James' Hospital, Dublin

Spr-07-S-15

Evaluation of Deformable Superabsorbent Polymer Microspheres for Treatment of Hypervascular Liver Tumours

C McMahon, P Beddy, N McEniff, M Ryan

Radiology Department, St. James's Hospital, Dublin

Spr-07-S-16

Prevalence and significance of Asymptomatic Venous Thromboembolic Disease (DVT and PE) found on oncological staging Computed Tomography (CT) Scans.

CG Cronin(1), DG Lohan(1), J Ni Mhuirheartaigh (1), M Keane(2), C Roche(1), J Murphy(1).

Department of Radiology (1) and Department of Oncology(2).

Spr-07-S-17

“MR Small Bowel Enterography: Optimisation of Imaging Timing”

C. Meehan, D. Lohan, C. Cronin, A. Alhajeri, C. Roche, J. Murphy

Radiology Department, University College Hospital, Galway

Poster Presentations

Spr-07-P-1

Apoptosis genes; Potential Biomarkers for Osteoporosis

Shelly MJ¹, O'Brien J², MacMahon P³, Doran PP¹, Eustace S³

1. General Clinical Research Unit, UCD School of Medicine & Medical Science, Mater Misericordiae University Hospital, Dublin 7
2. Department of Radiology, AMNCH, Dublin 24
3. Department of Radiology, Cappagh National Orthopaedic Hospital, Dublin 11

Spr-07-P-2

Coeliac disease - a review of radiographic findings and their prevalence

E. DeLappe, C. Cronin, C. O'Riordan, T. Ramadan, M. Browne, C. Roche.

University College Hospital Galway

Spr-07-P-3

First experiences with Rotarex Thrombectomy Catheter Device

A Campbell, D McNally

Department of Radiology, Craigavon Area Hospital, Craigavon

Spr-07-P-4

The Role of MRI in the Contemporary Management of Breast Cancer

C Shortt, C Shaw, S Eustace, F Flanagan

Radiology Department, Mater Misericordiae Hospital, Dublin

Spr-07-P-5

Dual Tube Multidetector CT Coronary Angiography: Data Acquisition, Reconstruction and Image Segmentation

C Shortt, J Moriarty, L Lawler, H Fenlon

Radiology Department, Mater Misericordiae and Mater Private Hospitals, Dublin

Spr-07-P-6

Comparative study of MRI versus CT Imaging of Brain

T Ramadan.

Radiology department, University College Hospital Galway,

Spr-07-P-7

Multidetector 3D CT Angiography of Ventricular Assist Devices in Heart Failure - Image acquisition, segmentation and interpretation

Hambly N¹, Magee L¹, Wood AE², McCarthy J², Lawler L¹.

¹ Department of Radiology, ² National Cardiothoracic Unit

Mater Misericordiae University Hospital, Dublin

Spr-07-P-8

Vesicoureteral reflux and related nephropathy in children: pictorial review

A Al Zahrani

Dept of Radiology, University College Hospital Galway

Spr-07-P-9

Multi-Detector CT of Spinal Metal Implants: Pictorial Essay.

H.R. Cairns, J.M. Elliott, P. Archbold, R.J. Winder.

Radiology Department, Musgrave Park Hospital, Belfast

Spr-07-P-10

Fluoroscopic Spinal Intervention

S Porter, E Conlan, L Manavalan, M Crone, D Taylor, JM Elliott

Musgrave Park Hospital, Belfast

Spr-07-P-11

Fluoroscopically guided injections of the Lower Limb

L Manavalan, S Porter, MD Crone, DH Taylor, JM Elliott

Musgrave Park Hospital, Belfast

Spr-07-P-12

MRI evaluation of radiation induced insufficiency fractures of the female pelvis

L.Manavalan, E.Murtagh, A.Grey

Belfast City Hospital, Belfast

Spr-07-P-13

Imaging Features of Haemophilic Arthropathy

I Brennan , N McEniff.

Department of Diagnostic Imaging, St James's Hospital, Dublin

Spr-07-P-14

Articular findings of crystal deposition diseases: a pictorial review

Authors: E DeLappe, C Cronin, C O'Riordan, M Browne, D O'Keeffe

Department of Radiology, University College Hospital Galway

Spr-07-P-15

Intraspinal masses: a pictorial review of MR findings

E DeLappe, C Cronin, C Meehan, J Ni Mhuircheartaigh, E Kelliher, J Murphy

Department of Radiology, University College Hospital Galway

Spr-07-P-16

Musculoskeletal fat containing lesions with multimodality imaging

Correlation:A pictorial review.

E Conlan, L Manavalan, S Porter, MD Crone, JM Elliot, DH Taylor.

Musgrave Park Orthopaedic Hospital Belfast

Spr-07-P-17

Imaging and Interventional radiology of the gallbladder.

GM Murphy ^{#} MF Ryan [#], MM Maher ^{#*}, E. Fitzgerald ^{*}*

Departments of Radiology, Mercy University* and Cork University Hospitals [#] and University College Cork, Cork

Spr-07-P-18

Radiological features of Metastatic Malignant Melanoma Revisited.

CG Cronin, DG Lohan, E Delappe, CP Meehan, C Roche, P McCarthy, J Murphy

Department of Radiology, University College Hospital, Galway

Spr-07-P-19

Isolated Limb Infusion: Technique Description and Clinical Application.

CG Cronin, DG Lohan, E Delappe, C O'Riordan, M Browne, GJ O'Sullivan.

Department of Radiology, University College Hospital, Galway

Spr-07-P-20

Radiological evaluation of prostate carcinoma- A review.

CG Cronin, DG Lohan, E Delappe, CP Meehan, J Murphy, C Roche, P McCarthy.

Department of Radiology, University College Hospital, Galway

Spr-07-P-21

Non-trauma related shoulder pathology: an educational exhibit.

E Kelliher, E Delappe, D O'Keeffe.

Department of Radiology, University College Hospital, Galway.

Spr-07-P-22

3D Multidetector row CT angiography of non-aneurysm Acute Aortic Syndromes(AAS): Acquisition protocols, Imaging Findings and relevance for Radiologic Intervention.

Moriarty JM, Shaw CM, Scanton T, Lawler LP.

Department of Radiology, Mater Misericordiae University Hospital, Dublin

Spr-07-P-23

Retroperitoneal Fibrosis- A diagnostic enigma and interventional challenge

Moriarty JM¹, Scheel PJ², Lawler LP¹.

1: Department of Radiology, Mater Misericordiae University Hospital, Dublin.

2: Department of Nephrology, Johns Hopkins University, Baltimore, USA

Spr-07-P-24

Two and Three-dimensional Multidetector Row CT Evaluation of Facial and Mandible Trauma: Acquisition, Post-processing, and Interpretation

C Shaw, D Ryan, P Lacy, L Lawler

Radiology Department, Mater Hospital, Dublin

