



# Faculty of Radiologists Royal College of Surgeons in Ireland



## Irish MRI Meeting (IMRIM)

Carton House, Maynooth, Co. Kildare  
Saturday February 2<sup>nd</sup> 2013

# Musculoskeletal MRI

### PROGRAMME

8.00 – 8.20

Registration & Coffee

8.20 – 8.25

Welcome Address

8.25 -8.30

Move to rooms

8.30-10.00

Session 1/ Room 1 (25 min x 3)

- 1 MRI of metal on metal hip implants – the clinical perspective
- 2 Hip replacement - the surgical perspective
- 3 Scanning metal on metal hip implants:  
The physics of artefact reduction

Derek Lohan

Merlin Park Hospital, Galway

Paraic Murray

Galway Clinic, Galway

Cormac McGrath

Forster Green Hospital, Belfast

Session 1/ Room 2 (40 min x 2)

- 1 MR Neurography
- 2 Imaging of lipomatous tumours

Milind Dhamankar

Siemens Healthcare

Kevin O'Regan

Cork University Hospital

**10.00-10.30**

**Coffee  
Meet the Sponsors  
Poster Session**

**10.30-12.00**

**Session 2/ Room 1 (40 min x 2)**

- |   |  |                |   |
|---|--|----------------|---|
| 1 | 9and a half weeks.....the summer of 2012 | Carole Burnett | NIHR Leeds Musculoskeletal Biomedical Research Unit (LMBRU) Leeds |
| 2 | MR of muscle and tendon injuries         | Brian Hogan    | Santry Sports Clinic, Dublin                                      |

**Session 2/ Room 2 (40 min x 2)**

- |   |                 |                     |  |
|---|-----------------|---------------------|--|
| 1 | MRI of the hip  | Patricia Cunningham | Our Lady of Lourdes Hospital, Drogheda |
| 2 | MR arthrography | Conor Shortt        | Adelaide & Meath Hospital, Dublin      |

**12.00-13.30**

**Lunch  
Meet the sponsors  
Poster Session**

**13.30-15.30**

**Session 3/ 40 min x 3**

- |   |   |                   |                       |
|---|---|-------------------|-----------------------|
| 1 | MRI in orthopaedic practice   | Paraic Murray     | Galway Clinic, Galway |
| 2 | MSK imaging 1.5T, 3% and open systems: advantages and disadvantages | Mark Pike         | Philips Healthcare    |
| 3 | Imaging around metal  | Guillermo Zannoli | GE Healthcare         |

**15.30– 15.45**

**Feedback**

**15.45**

**Meeting Close**

**Faculty of Radiologists - 5 CME Credits Awarded  
RCR CME Credits applied for**

## Poster Display List

### Display Number 1

#### **Initial Steps Towards MRI-based Treatment Planning for Gynaecological Brachytherapy**

M Byrne, G Workman, A McCann & C McGrath

Northern Ireland Cancer Centre, Belfast Health & Social Care Trust

### Display Number 2

#### **Investigating direction-specific noise in MR QA images**

AJ McCann, R Lally, A Workman, C McGrath

Regional Medical Physics Service, Belfast Health & Social Care Trust

### Display Number 3

#### **Slice width investigations in gradient-echo sequences**

AJ McCann, W Hyland, A Workman, C McGrath

Regional Medical Physics Service, Belfast Health & Social Care Trust

### Display Number 4

#### **Intra-cranial diffusion weighted imaging: beyond ischaemia**

D Ryan, A Hurley, H Delaney

Dept of Radiology, Adelaide and Meath Hospital, Tallaght

### Display Number 5

#### **An illustrative review of multimodality imaging in the evaluation of small bowel disease**

T Farrell, HK Kok, W Torreggiani, O Buckley

Department of Radiology, Adelaide and Meath Hospital, Tallaght

### Display Number 6

#### **The standardization and justification of MRI sequences in improving patient throughput while maintaining diagnostic standards.**

O Flanagan, E Joyce, C Johnston, JF Meaney, N Sheehy, P Beddy

St. James's Hospital, Department of Radiology

### Display Number 7

#### **A review of meniscal pathology on MRI – anatomy, variants, pathophysiology, surgical significance and common misses.**

O Flanagan, M Arrigan, M Harmon, K Cronin, C Johnston

St. James's Hospital, Department of Radiology

Display Number 8

**Abnormal muscle signal on MRI: Differential diagnosis and pattern recognition**

Donnellan J, Courtney K, Hurley A, Delaney H  
Department of Radiology, AMNCH

Display Number 9

**MRI in hydroxyapatite deposition disease (HADD)**

Courtney K, Donnellan J, Hurley A, Delaney H  
Department of Radiology, AMNCH

Display Number 10

**MRI in the evaluation of heel pain - a pictorial review**

O Doody, M A Hopper, P W Bearcroft  
Radiology Department, Addenbrooke's Hospital Cambridge

Display Number 11

**Aseptic lymphocytic vasculitis-associated lesions: MRI findings**

O Doody, P W Bearcroft, M A Hopper  
Radiology Department, Addenbrooke's Hospital Cambridge

Display Number 12

**Sodium MRI of the human knee: an alternative marker for early cartilage degeneration**

F. Wetterling  
Faculty of Engineering, Trinity College Dublin

Display Number 13

**The use of MRI to identify extracapsular extension and seminal vesicle invasion in prostate cancer.**

SF Oon, V McDermott, P Ryan, PC Ryan  
Department of Urology, Department of Diagnostic Imaging, Department of Pathology, Bon Secours Hospital, Cork. Department of Surgery, University College Cork.

Display Number 14

**An audit of the T-staging accuracy of Pelvic MRI for rectal carcinoma at a tertiary referral institution.**

J Donnellan, E Ward, R Browne  
Department of Radiology, AMNCH