

Kilkenny 2020

Faculty of Radiologists Irish MRI Meeting  
18<sup>th</sup> January 2020, Lyrath Estate  
Musculoskeletal Radiology MRI



*5.25 External CPD credits have been awarded from  
Faculty of Radiologists*

*Please note that CPD certificates will be forwarded  
during the week following the meeting*



09:00  
09:25  
09:30  
10:50  
11:10  
12:50  
13:50  
14:50  
15:50

McCurdy Room 1

Registration & Coffee

Welcome Address by Dr Niall Sheehy, Dean, Faculty of Radiologists

Session 1

Break

Session 2

Lunch

Session 3

Session 4

Closing Remarks and Feedback

## McCurdy Room 1

09:00 **Registration & Coffee**

09:25 **Welcome Address**

Dr Niall Sheehy / Dean, Faculty of Radiologists

09:30 **Session 1: Session One.. The beauty of basics. What's relevant and what's not**

Moderator:

Dr Peter Ball / Royal Victoria Hospital

09:30 MRI shoulder off the cuff

Dr Eoghan McCarthy / Connolly Hospital Blanchardstown

09:50 MRI Lumbar Spine trauma

Dr Sebastian McWilliams / Beaumont Hospital

10:10 Imaging of muscle injuries

Dr Patricia Cunningham / Louth Meath Hospital Group

10:30 Lumbar Disc Disease

Prof Eoin Kavanagh / Mater Misericordiae University Hospital & Cappagh Orthopaedic Hospital

10:50 **BREAK: McCurdy Room 2**

Tea & Coffee, Meet the Sponsors, Poster Session

11:10 **Session 2: Paediatric MRI for the Generalist**

Moderator:

Dr Gabrielle Colleran / CHI Temple Street

11:10 Bone and soft tissue tumours in children

Dr Roisin Hayes / Our Lady's Hospital for Sick Children

11:30 Paediatric MRI: how I do it: the expert paediatric MRI CS approach

Ms Rachel O'Connor / CHI

11:50 MR Imaging of bone infections in children

Dr Thara Persaud / Tallaght University Hospital

12:10 Gadolinium Deposition risk

Dr Anne Carroll / CHI Temple Street

12:30 Virtual Reality MRI: The Belfast Children's Hospital Project

Dr Cormac McGrath / Royal Victoria Hospital

12:50 **LUNCH: McCurdy Room 3**

## McCurdy Room 1

### 13:50 **Session 3: Tips and tricks in MSK MRI**

13:50 Artefacts and how to avoid them

14:10 Imaging of the pre-operative and post operative ACL

14:30 The sacroiliac joints and pubic symphysis: Surviving the inadvertently imaged joints of the pelvis when you just wanted to evaluate the pelvic viscera.

Moderator:

Dr Patricia Cunningham / Louth Meath Hospital Group

Ms Laura Moyles / National Maternity Hospital

Dr Oisín O'Flanagan / Santry Sports Clinic

Dr Barry Hutchinson / Mater Misericordiae University Hospital

### 14:50 **Session 4: MSK Tumours in Children and Adults... What not to ignore**

14:50 A pragmatic approach to incidental cartilage lesions on MRI

15:10 MR Imaging of bone tumours

15:30 MRI: The soft tissue mass

Moderator:

Dr Paul Foran / Connolly Hospital Blanchardstown

Dr Jennifer Murphy / Royal Orthopaedic Hospital and Queen Elizabeth Hospital, Birmingham

Dr James McGarry / University Hospital Galway

Dr Kevin Pennycooke / Connolly Hospital Blanchardstown

15:50 **Closing Remarks and Feedback**

Dr Niall Sheehy / Dean, Faculty of Radiologists

## Poster Display List

### **Poster Display No. 1**

#### **MRI Features of a Rare Chondrosarcoma of the Phalanx**

*<sup>1</sup>C Leonard, <sup>1</sup>L Durcan, <sup>2</sup>F Bolster*

*<sup>1</sup>Rheumatology, Beaumont Hospital, Dublin,*

*<sup>2</sup>Radiology, Mater Misericordiae University Hospital, Dublin*

### **Poster Display No. 2**

#### **Role of MRI in pregnant patients with acute abdomen**

*S.Habib, N. Marshall*

*Department of Radiology , Cork University Hospital, Wilton, Cork*

### **Poster Display No. 3**

#### **Quality and Readability of Online Resources for Magnetic Resonance Arthrography: What are our patients reading?**

*S-T. Lim, K. O'Riordan, C. Stanley*

*Department of Orthopedics, Limerick Hospital, St Nessian's Rd, Dooradoyle, Co. Limerick, V94 F858.*

### **Poster Display No. 4**

#### **Update on MRI nomenclature for groin injury for radiologists**

*PJ Dempsey, PJ MacMahon, S Eustace, EC Kavanagh*

*Radiology Department, Mater Misericordiae University Hospital, Dublin*

### **Poster Display No. 5**

#### **Mighty Osteomyelitis: A pictorial review of MRI findings of osteomyelitis in children**

*Simon M Clifford, Ann T Foran, Matthew Mullins, Gabrielle Colleran*

*Department of Paediatric Radiology, Children's Health Ireland at Temple Street*

### **Poster Display No. 6**

#### **MR Imaging of the musculoskeletal complications associated with injected drug use**

*F Delaney, E Stanley, F Bolster.*

*Radiology Department, Mater Misericordiae University Hospital, Dublin.*

## Poster Display List Contd.

### **Poster Display No. 7**

#### **A pictorial review of the MRI characteristics of rheumatoid arthritis**

*<sup>1</sup>R. Schlegel, <sup>2</sup>F. Doolan, <sup>2</sup>C. Doyle*

*<sup>1</sup>Melbourne Clinical School, The University of Notre Dame, Australia*

*<sup>2</sup>School of Medicine, Trinity College Dublin, Ireland*

### **Poster Display No. 8**

#### **A pictorial review of the MRI characteristics of osteoporosis**

*<sup>1</sup>R. Schlegel, <sup>2</sup>T. Pramod, <sup>2</sup>C. Sherlock*

*<sup>1</sup>Melbourne Clinical School, The University of Notre Dame, Australia*

*<sup>2</sup>School of Medicine, Trinity College Dublin, Ireland*

### **Poster Display No. 9**

#### **MRI findings in Myositis; An educational retrospective pictorial case series with clinical correlation**

*<sup>1</sup>M. Courtney, <sup>2</sup>R. Harrington, <sup>3</sup>JS. Kell, y<sup>1</sup>Prof J. Meaney*

*<sup>1</sup>Radiology, St. James Hospital*

*<sup>2</sup>Rheumatology, St. James Hospital*

*<sup>3</sup>Internal Medicine, St. James Hospital*

### **Poster Display No. 10**

#### **How to interpret an MRI Brain: a structured approach for reducing perceptual errors**

*DT Ryan, J Morrow, R MacDermott, RP Killeen*

*Radiology Department, St Vincent's University Hospital, Elm Park, Dublin 4.*

## Poster Display List Contd.

### **Poster Display No. 11**

#### **Osseous haemangiomas. Spectrum of imaging features and mimics.**

*Dr Aneta Kecler – Pietrzyk, Dr Conor Shortt*

*Tallaght University Hospital, Dublin 24, Ireland*

### **Poster Display No. 12**

#### **MR Imaging Features in Fibrous Dysplasia**

*C McQuade, H. Delaney, W.C. Torreggiani, O. Buckley,*

*Dept. of Radiology, Tallaght University Hospital*

### **Poster Display No. 13**

#### **Is it a metastasis? Problem solving bone lesions in oncological imaging**

*A Weir\*, P Kennedy\*, KP Sheahan\*, D Glynn\*, N Marshall\**

*\*Department of Radiology, Cork University Hospital, Wilton, Cork*

### **Poster Display No. 14**

#### **Desmoid Tumours - Addressing the Locally Aggressing**

*S Liddy , A Haughey , E Heffernan*

*Department of Radiology, St Vincent's University Hospital, Elm Park, Dublin 4*

### **Poster Display No. 15**

#### **Subcortical Heterotopic Gray Matter Brain Malformation: A New Classification**

*G Kassab, Y Sheikh, S Ryan ,*

*Radiology Departmet, Chidren Health Ireland at Temple Street*

## Poster Display List Contd.

### **Poster Display No. 16**

#### **Sacroiliitis: MRI mimics and pitfalls**

*KP Sheahan, D Glynn, P Kennedy, A Weir, N Marshall,  
Department of Radiology, Cork University Hospital, Cork*

### **Poster Display No. 17**

#### **Incidental sternal lesions found on breast MRI**

*KP Sheahan, D Glynn, P Kennedy, A Weir, N Marshall  
Department of Radiology, Cork University Hospital, Cork.*

### **Poster Display No. 18**

#### **Bone marrow patterns in oncology patients during treatment: patterns and pitfalls**

*KP Sheahan, D Glynn, A Weir, P Kennedy, N Marshall  
Department of Radiology, Cork University Hospital, Cork.*

### **Poster Display No. 19**

#### **Gilmore's groin, sports hernia and athletic pubalgia: Getting to the 'core' of it**

*<sup>1</sup>Terence P Farrell, <sup>2</sup> Caoilfhionn Ní Leidhi, n<sup>1</sup> Johannes B Roedl, <sup>1</sup> Adam C Zoga*

*<sup>1</sup>Division of Musculoskeletal Radiology, Department of Radiology, Thomas Jefferson University Hospital, Philadelphia, Pennsylvania, 19107, USA)*

*<sup>2</sup>Department of radiology, St James's Hospital, Dublin*



## Poster Display List Contd.

### **Poster Display No. 20**

#### **Lateral femoral condyle insufficiency fractures: associated MRI morphological findings**

*<sup>1</sup>Terence Farrell, <sup>2</sup>Caoilfhionn Ní Leidhin, <sup>1</sup>Adam C Zoga, <sup>1</sup>Diane Deely, <sup>1</sup>Kristen E McClure*

*<sup>1</sup>Division of musculoskeletal radiology, department of radiology, Thomas Jefferson University Hospital, Philadelphia, Pennsylvania, 19107, USA*

*<sup>2</sup>Department of radiology, St James's Hospital, Dublin*

### **Poster Display No. 21**

#### **AllS and subspinous impingement: When two become one?**

*<sup>1</sup>Terence P Farrell, <sup>2</sup>Caoilfhionn Ní Leidhin, <sup>1</sup>Johannes B Roedl, <sup>1</sup>William B Morrison, <sup>1</sup>Adam C Zoga*

*<sup>1</sup>Division of musculoskeletal radiology, department of radiology, Thomas Jefferson University Hospital, Philadelphia, Pennsylvania, 19107, USA,*

*<sup>2</sup>Department of radiology, St James's Hospital, Dublin*

### **Poster Display No. 22**

#### **MRI evaluation of osteosarcoma: pre and post operative findings**

*P Kennedy, A Weir, KP Sheahan, D Glynn, N Marshall*

*Department of Radiology, Cork University Hospital, Cork.*

### **Poster Display No. 23**

#### **Audit on AP dimension of spinal canal and contribution to spinal stenosis**

*KP Sheahan, D Glynn, P Kennedy, A Weir, N Marshall*

*Department of Radiology, Cork University Hospital, Cork.*

## Poster Display List Contd.

### **Poster Display No. 24**

#### **MRI of hip trauma in adults**

*S.Habib, N. Marshall*

*Department of Radiology, Cork university Hospital, Wilton, Cork*

### **Poster Display No. 25**

#### **The tip of the iceberg: lipomatous tumours presenting as abdominal or pelvic wall hernias**

*<sup>1</sup>G. Kiernan, <sup>1</sup>Kirsten van Langevelde, <sup>1</sup>C. Azzopardi, <sup>2</sup>Y. Kiernan, <sup>1</sup>J. Teh*

*<sup>1</sup>Department of Musculoskeletal Radiology, Oxford University Hospital Trust, Oxford, UK.,*

*<sup>2</sup>Cork University Hospital, Cork, Ireland*

### **Poster Display No. 26**

#### **Hydroxyapatite deposition and associated myositis: A review**

*<sup>1</sup>G. Kiernan, <sup>1</sup>C. Azzopardi, <sup>2</sup>Y. Kiernan, <sup>1</sup>J. Teh*

*<sup>1</sup>Department of Musculoskeletal Radiology, Oxford University Hospital Trust, Oxford, UK.*

*<sup>2</sup>Cork University Hospital, Cork, Ireland*

### **Poster Display No. 27**

#### **Don't judge a book by its cover: The many faces of Gout**

*<sup>1</sup>G. Kiernan, <sup>1</sup>C. Azzopardi, <sup>2</sup>Y. Kiernan, <sup>1</sup>J. Teh*

*<sup>1</sup>Department of Musculoskeletal Radiology, Oxford University Hospital Trust, Oxford, UK.*

*<sup>2</sup>Cork University Hospital, Cork, Ireland*

## Poster Display List Contd.

### **Poster Display No. 28**

#### **Radiological Decisions Influencing Deep Learning Algorithms in MRI: An Interactive Exhibit**

*<sup>1</sup>F. Doolan, B.Sc., <sup>2</sup>M. Courtney, M.B.,*

*<sup>1</sup>School of Medicine, Trinity College Dublin, Ireland*

*<sup>2</sup>Centre for Advanced Medical Imaging, St. James' Hospital, Ushers, Dublin, Ireland*

### **Poster Display No. 29**

#### **A clinical audit of outpatient referral for neuroimaging in headache**

*<sup>1</sup>R McCormack, <sup>2</sup>S McWilliams,*

*<sup>1</sup>Department of Medicine, Royal College of Surgeons in Ireland, Dublin*

*<sup>2</sup>Department of Radiology, Beaumont Hospital, Dublin*

### **Poster Display No. 30**

#### **Fetal MRI: What the radiologist needs to know**

*G. Kassab, I. Robinson, G. Colleran,*

*Department of radiology, Children Health Ireland at Temple Street*

### **Poster Display No. 31**

#### **A review of spinal MRI lesions in axial spondyloarthropathies**

*D Glynn, KP Sheahan, P Kennedy, A Weir, N Marshall*

*All CDepartment of Radiology, Cork University Hospital, Wilton, Cork*

## Poster Display List Contd.

### **Poster Display No. 32**

#### **Calcific Tendonitis: MR findings in typical and atypical locations**

*S Kenny, E McCarthy, P Foran*

*Radiology Department, Connolly Hospital Blanchardstown*

### **Poster Display No. 33**

#### **Pigmented villonodular synovitis of the hip joint: three cases demonstrating typical MRI features**

*<sup>1</sup>C Sullivan, <sup>2</sup>S Eustace, <sup>2</sup>E Kavanagh*

*<sup>1</sup>Department of Radiology, Cappagh National Orthopaedic Hospital, Dublin*

*<sup>2</sup>Department of Radiology, Cappagh National Orthopaedic Hospital and Mater Misericordiae University Hospital, Dublin*

### **Poster Display No. 34**

#### **MRI Imaging Features of Musculoskeletal Tuberculosis**

*L. Greene, A. Stroiescu, J. Hennebry, C. Byrne, M. Bolger, A.G. Ryan*

*Department of Radiology, University Hospital Waterford.*