



**MAC 18**

**Mayo Arthroplasty Conference 2018**

**Revision Hip and Knee Replacement**

*In association with the*

**Irish American Orthopaedic Society**



*12 RCSI CPD Points / 11 EACCE International CPD points*

**April 20th - 22nd, Knockranny House Hotel, Co Mayo**

TEKNO  
SURGICAL



ZIMMER BIOMET  
Your progress. Our promise.®

Heraeus



Lilly



idealMed



EUROPEAN HIP SOCIETY



# *Irish American Orthopaedic Society*

## **Annual Meeting**

April 20th 2018

**Friday, 20<sup>th</sup> April 2018**

**10:30** Coffee Reception

**10:45** Welcome / Introduction IAOS President

*D. O'Malley*

### **Symposium –The Direct Anterior Approach in THA**

*P. McKenna*

**10:55** The DAA on a normal OR table. Room set-up, Pearls and Procedure.

*B. Wilsterman*

**11:05** Hanna Table setup and advantages

*F. Rowan*

**11:10** Extensile and Revision exposures in DAA

*D. Dietmarr*

**11:15** Evidence for the DAA

*D. Cogley*

**11:20** Tips and Tricks Discussion

*P. McKenna/D.Cogley*

### **Lower Extremity and Spine –**

*E. Sheehan*

**11:35** Validation of Patient Specific Instrumentation

*K. Linton*

**11:45** My 10-20 year Results of the initial STAR total Ankle in the United States

*J. Nunley*

**11:55** Clinical and Radiological fate of implant augments for tibial bone defects in primary TKA

*T. Siriwardena*

**12:05** National Registry Roll Out

*J. Cashman*

**12:15** Functional movement in Scoliosis

*R. Lark*

**12:25** Porous Titanium Shells Enable Rapid Recovery in Revision Surgery

*K. Linton*

**12:35** Preoperative 3D Printing - Acetabular Reconstruction in Revision Hip Arthroplasty

*A. Hughes*

**12:45** Lunch

<b>Trauma –</b>		<i>P. Kenny / T. Sanzone</i>
<b>13:30</b>	Infected nonunion of the Femur and Segmental Bone loss; Managing the Defect	<i>R. Fitch</i>
<b>13:40</b>	Is Fracture Protective Against Whiplash Injury?	<i>K. Linton</i>
<b>13:50</b>	Periprosthetic fractures of the Knee - Current management	<i>A. Sanzone</i>
<b>14:00</b>	All Hip Fractures Are Not Created Equal	<i>R. Headon</i>
<b>14:10</b>	Virtual fracture clinic	<i>E. Sheehan</i>
<b>14:20</b>	Trauma Networks	<i>P. Kenny</i>
<b>14:30</b>	Las Vegas Trauma aftermath	<i>F. Redfern</i>

<b>Upper Extremity –</b>		<i>R. McLaughlin / D. O'Farrell</i>
<b>14:50</b>	TBA	<i>M. Mara</i>
<b>15:00</b>	Upper Extremity Compartment Syndromes	<i>L.A. Koman</i>
<b>15:10</b>	Difficult Glenoids and 3D Patient-Specific Planning in Shoulder Arthroplasty	<i>R. Delaney</i>
<b>15:20</b>	Shoulder stability in Collision Athletes	<i>C. Moorman</i>
<b>15:30</b>	Rotator Cuff Repairs	<i>J. York</i>
<b>15:40</b>	Management of Glenohumeral Arthritis in Young Active Patient	<i>G. Williams</i>

**16:00** Break

<b>Sports/Arthroscopy -</b>		<i>E. McDevitt / C.T. Moorman</i>
<b>16:25</b>	Leading Operating Room Efficiencies	<i>D. Cannon</i>
<b>16:35</b>	RF Microtenotomy of Elbow Epicondylitis	<i>J. Tasto</i>
<b>16:45</b>	Are Radiofrequency Ablation tools necessary in Shoulder Arthroscopy?	<i>R. McLaughlin</i>
<b>16:55</b>	Hip Arthroscopy in the Older Patient: Is it worth it?	<i>M. Muldoon</i>
<b>17:05</b>	Concussion Update	<i>E. McDevitt</i>

**17:25** Adjournment

# MAC 18 - Revision Hip and Knee Replacement

## MAYO ARTHROPLASTY CONFERENCE 2018 April 20th - 22<sup>nd</sup>

### MAC Agenda - Friday, 20th April

**18:00** Welcome Reception

**19:00** Welcome Address

*D. Bennett*

**19:10** Technology Showcase

*E. Masterson,  
E. Smith, G. McCoy*

#### **Presentations on innovative technologies in arthroplasty surgery.**

**19:15** *Biomechanical management of the Joint Line in Revision Knee*

*S. Sanak*

**19:30** *Stimulan - Research Spotlight*

*S. Aiken*

**19:45** *Trabecular Metal in Orthopaedics*

*J. Seebeck*

**20:00** *The World Knee*

*D. Brazil*

**20:15** *Orthangel*

*R. Headon*

**20:30** *Surgcenter*

*A. Rhorer*

**20:45** *Exprt Revision Knee: Less can be more*

*J. Scheibe*

**21:00** *Difficult Hardware Removal*

*E. Cherry*

**21:15** *My Journey Journey*

*T. Waters*

**21:30** Conference Adjourns

## Saturday, 21<sup>st</sup> April

<b>08:30</b>	Apprentice MCQ	<i>Registrars, SpRs, Residents</i>
<b>08:45</b>	Faculty Briefing	<i>All Faculty</i>

### Session 1 - General

*G. McCoy*

<b>09:00</b>	The 3 Unbreakable Rules of Revision Surgery	<i>I. Kelly</i>
<b>09:10</b>	The 10 Commandments of Revision Hip Surgery	<i>T. Waters</i>
<b>09:20</b>	The 7 Deadly Sins of Revision Knee Surgery	<i>G. McAlinden</i>
<b>09:30</b>	The Book of Revelations: The Problem Is Not Osteolysis	<i>D. Bennett</i>
<b>09:40</b>	The Book of Numbers: Joint Registries and Projected Increases in Revisions	<i>P. Kenny</i>

### Session 2 - Infection

*I. Kelly*

<b>09:50</b>	Early Infection	<i>S. Patton</i>
<b>10:00</b>	Two-Stage Revision Is the Gold Standard	<i>P. Keogh</i>
<b>10:10</b>	Single Stage Revision: Less Is More	<i>P. McKenna</i>
<b>10:20</b>	DAIR: Even Less Is Even More	<i>P. McLardy-Smith</i>
<b>10:30</b>	Knee Spacers: Articulating or Static?	<i>F. Rowan</i>

**10:40** Coffee

### Session 3 – Peri-prosthetic Fractures

*I. Brown*

<b>11:10</b>	Femoral Peri-prosthetic Fractures	<i>M. Donnelly</i>
<b>11:20</b>	Knee Peri-prosthetic Fractures	<i>J. Quinlan</i>
<b>11:30</b>	Implant Fracture	<i>T. Waters</i>

### Session 4 – Rapidfire

*J. Quinlan*

<b>11:40</b>	Panel discussion	<i>J. Quinlan</i>
<b>12:10</b>	The Apprentice Cases	<i>T. Cassidy</i>

**12:20** Lunch

**Session 5 – Instability****D. Acton**

<b>13:20</b>	Bearings, Bio Balls and Bipolars	<i>I. Brown</i>
<b>13:30</b>	Constrained Liners	<i>A. Ruiz</i>
<b>13:40</b>	Soft Tissue Balance for Revision Hips	<i>E. Masterson</i>
<b>13:50</b>	Solutions for the Unstable THA	<i>G. Macheras</i>
<b>14:00</b>	The Knee - How Much Constraint?	<i>P. McKenna</i>
<b>14:10</b>	Mid-Flexion Instability	<i>D. Cogley</i>

**Session 6 – Special Situations****D. Cogley**

<b>14:20</b>	Adverse Local Tissue Reactions	<i>G. McCoy</i>
<b>14:30</b>	Bone Deficiency - Acetabulum	<i>M. Acharya</i>
<b>14:40</b>	Extensive Exposure of the Hip, Tips & Tricks	<i>E. Smith</i>
<b>14:50</b>	Removing a Well Fixed Stem	<i>S. West</i>
<b>15:00</b>	My Algorithm in Acetabular Bone Defect Reconstruction	<i>G. Macheras</i>
<b>15:10</b>	Extensor Mechanism Deficiency of the Knee	<i>G. McAlinden</i>
<b>15:20</b>	Metaphyseal Sleeves for Bone Deficiency in the Knee	<i>M. Donnelly</i>
<b>15:30</b>	Revision of Unicondylar Knees	<i>D. Acton</i>

**15:40** Coffee**Session 7 – Futurology****P. McKenna**

<b>16:10</b>	What Will Be Discussed at MAC38?	<i>F. Rowan</i>
<b>16:20</b>	Evolving Strategies to Avoid and Treat Infection	<i>E. Sheehan</i>
<b>16:30</b>	Reducing Risk of Revision & Optimum Follow-up	<i>D. Beverland</i>

**Session 8 – The Apprentice****D. Bennett**

<b>16:40</b>	The Final
<b>18:00</b>	Closure of Conference

<b>19:00</b>	Guest Lecture- Oscar Wilde and Orthopaedics - resisting everything, except temptation	<i>R. Cabot</i>
<b>20:00</b>	“Ireland and America”	<i>M. Ring, Minister for Rural &amp; Community Development</i>
<b>20:10</b>	The Irish American Orthopaedic Society	<i>D. O'Malley, President of IAOS</i>
<b>20:20</b>	Presentation of Lifetime Achievement Award by Minister Michael Ring	
<b>20:30</b>	The State of Orthopaedics	<i>G. Williams, Past-president American Academy of Orthopaedic Surgeons</i>

---



# MAYO ARTHROPLASTY CONFERENCE 2018

April 20th - 22nd

**CONFERENCE CHAIRMAN:** Mr. Derek Bennett, Mayo University Hospital

## **MAC 2018 Faculty Members:**

**Mr. Danny Acton,**  
Altnagelvin, Londonderry

**Mr. David Beverland,**  
Musgrave Park, Belfast

**Mr. Ian Brown,**  
The Ulster Hospital, Belfast

**Mr. Dave Cogley,**  
Midland Regional  
Hospital, Tullamore

**Mr. Michael Donnelly,**  
Cappagh National  
Orthopaedic Hospital, Dublin

**Mr. Conor Hurson,**  
St. Vincent's University  
Hospital, Dublin

**Mr. Ian Kelly,**  
Whitfield Clinic, Waterford

**Mr. Paddy Kenny,**  
Connolly Hospital  
Blanchardstown, Dublin

**Mr. Peter Keogh,**  
Bon Secours, Glasnevin,  
Dublin

**Prof. Eric Masterson,**  
Mid-Western Regional  
Hospital, Limerick

**Mr. Gavan McAlinden,**  
South Eastern Trust, Belfast

**Mr. Evert Smith,**  
Spire Hospital Bristol

**Mr. Gerry McCoy,**  
University Hospital  
Waterford

**Mr. Paul McKenna,**  
University Hospital  
Waterford

**Mr. Peter McLardy-Smith,**  
Oxford University Hospital,  
UK

**Mr. Acharya Mez,**  
Spire Bristol Hospital, UK

**Mr. Sean Patton,**  
Craigavon Area  
Hospital, Craigavon

**Mr. John Quinlan,**  
Adelaide and Meath  
Hospital, Dublin

**Mr. Fiachra Rowan,**  
University Hospital  
Waterford

**Mr. Angel Ruiz,**  
Altnagelvin, Londonderry

**Mr. Eoin Sheehan,**  
Midland Regional  
Hospital, Tullamore

**Mr. Tim Waters,**  
Spire Bushey Hospital,  
Watford, UK

**Mr. Simon West,**  
BMI Three Shires