



## Mayo Arthroplasty Conference 2017

### CONFERENCE CHAIRMAN:

**Mr Derek Bennett**  
Mayo University Hospital

### MAC 2017 Faculty Members:

**Mr Danny Acton,**  
Altnagelvin, Londonderry

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

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

**Mr Aaron Glynn,**  
Our Lady's Hospital, Navan

**Prof. James Harty,**  
Cork University Hospital, Cork

**Prof Henrik Husted,**  
Copenhagen University Hospital, Copenhagen, Denmark

**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 Gerry McCoy,**  
University Hospital Waterford

**Mr Paul McKenna,**  
University Hospital Waterford

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

**Mr Ray Moran,**  
Santry Sports Clinic, Santry, Dublin

**Prof Michael Morlock,**  
Institute of Biomechanics, Hamburg University of Technology, Hamburg

**Mr Colin Murphy,**  
Galway University Hospital, Galway

**Prof John O'Byrne,**  
Cappagh National Orthopaedic Hospital, Dublin

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

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

**Mr William Quinlan,**  
The Blackrock Clinic, Dublin

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

**Dr David Stulberg,**  
North Western Memorial Hospital, Chicago

**Mr Jason Webb,**  
Avon Orthopaedic Clinic, UK

**Mr Simon West,**  
BMI Three Shires Hospital, Northampton,

**Dr Michael Wörner,**  
University of Regensburg, Germany

**Mr Andrew Wozniak,**  
University Hospital, Waterford



## MAC 17 Primary Knee Arthroplasty



8 CPD points

## Mayo Arthroplasty Conference 2017

**February 24th-26th**

Mayo Arthroplasty Conference is committed to educational excellence in the field of arthroplasty surgery

# MAC 17 - Primary Knee Arthroplasty

## MAYO ARTHROPLASTY CONFERENCE 2017 February 24th - 26th

### Friday, 24<sup>th</sup> February

<b>18:00</b>	Welcome Reception	
<b>19:00</b>	Welcome Address	<i>D. Bennett</i>
<b>19:10</b>	Technology Showcase	

#### Faculty: Prof. E. Masterson, Prof. J. Harty, Mr. G. McCoy TECHNOLOGY SHOWCASE

<b>19:15</b>	PEI	How Technology Transforms Outcomes: Patient Benefits from an Innovative Knee	<i>Brian Wynne</i>
<b>19:30</b>	Stryker	Cork 3D Printing Manufacturing Facility & Triathlon Tritanium Cone Augments	<i>Gearoid Walsh</i>
<b>19:45</b>	New Vision	The Esy suit	<i>Ed Cherry</i>
<b>20:00</b>	O'Mara Medical	X Ream	<i>Philip O'Mara</i>
<b>20:15</b>	SurgaColl	ChondroColl - Orthobiologic Cartilage Regeneration	<i>Dr John Gleeson</i>
<b>20:30</b>	OrthoXel	Apex Nail	<i>Dr Pat O'Connor</i>

### Saturday, 25<sup>th</sup> February

<b>08:30</b>	Coffee	
<b>08:30</b>	The Apprentice	Round 1 Multiple Choice Question Examination
<b>08:45</b>	Faculty meeting	<i>Board Room</i>

#### Session 1 – Science and Religion: Eppur si muove Chair - Mr. W. Quinlan

<b>09:00</b>	The 10 Commandments - Unbreakable rules of knee replacement	<i>E. Masterson</i>
<b>09:10</b>	The 7 deadly sins of knee replacement	<i>E. Sheehan</i>
<b>09:20</b>	Genesis - development of the Oxford Meniscal Knee	<i>P. McLardy-Smith</i>
<b>09:30</b>	The New Religion- Rapid Recovery Predictions for 2030	<i>H. Husted</i>

#### Session 2 - Joint Preservation Chair – Prof. J. O'Byrne

<b>09:40</b>	Cartilage repair technology- Potholes on the Autobahn	<i>M. Morlock</i>
<b>09:50</b>	Arthroscopy-does it have a role in the over 50s?	<i>J. Harty</i>
<b>10:00</b>	Unicondylar knee replacement	<i>D. Acton</i>
<b>10:10</b>	Coffee	

#### Session 3 – Special Situations Chair – Mr. E. Sheehan

<b>10:40</b>	Isolated Patellofemoral Arthritis	<i>P. Kenny</i>
<b>10:50</b>	The Valgus Knee	<i>J. Quinlan</i>
<b>11:00</b>	Dealing with Bone Loss	<i>G. McAlinden</i>
<b>11:10</b>	Constraint-how much is enough?	<i>P. McKenna</i>
<b>11:20</b>	Obesity	<i>S. Patten</i>
<b>11:30</b>	Bilateral Simultaneous Total Knee Replacement	<i>A. Glynn</i>
<b>11:40</b>	Tourniquetless Total Knee Replacement: Gain or Pain?	<i>I. Kelly</i>
<b>11:50</b>	The Apprentice: Team formation and Case Allocation	<i>S. O hEireamhoin &amp; A. Cassar Gheiti</i>

#### Session 4 - Navigation Chair - Mr. G. McCoy

<b>12:00</b>	Better alignment, better outcome.	<i>A. Wozniak</i>
<b>12:10</b>	Use of navigation to train the next generation of surgeons	<i>M. Wörner</i>
<b>12:20</b>	Patient Specific Instrumentation	<i>D. Stulberg</i>
<b>12:30</b>	Lunch	

#### Session 5 – Controversies Chair - Mr P. Kenny

<b>13:20</b>	The Apprentice Round 2	<i>D. Bennett</i>
<b>13:50</b>	The Apprentice Final Cases	<i>S. O hEireamhoin &amp; A. Cassar Gheiti</i>

<b>14:00</b>	Total knee replacement should include a patella resurfacing:	In Agreement In Opposition	<i>P. Mc Kenna C. Murphy</i>
<b>14:20</b>	Surgical approach: does it matter?		<i>E. Masterson</i>
<b>14:30</b>	Posterior cruciate ligament:	Replace It Retain It	<i>E. Sheehan J. Harty</i>
<b>14:50</b>	Cementless Total Knee Replacement: It's Time Has Come		<i>M. Donnelly</i>

#### Session 6 – Deliver us from evil - avoiding complications Chair – Mr. G. McAlinden

<b>15:00</b>	Extensor Mechanism Disruption	<i>C. Murphy</i>
<b>15:10</b>	Mid Flexion Instability	<i>M. Donnelly</i>
<b>15:20</b>	The Hurt Locker: The Chronically Painful Total Knee	<i>G. McCoy</i>
<b>15:30</b>	To Kill a Mockingbird: Life-Threatening PJI	<i>P. Keogh</i>
<b>15:40</b>	Coffee	

#### Session 7 – Futurology Chair - Mr. D. Bennett

<b>16:10</b>	Registries: taking choice of implant from the surgeon?	<i>S. West</i>
<b>16:20</b>	How we will avoid infection in 2037	<i>J. Webb</i>
<b>16:30</b>	Knee Replacement 2037: can we afford it?	<i>J. O'Byrne</i>
<b>16:40</b>	Essential Elements of a "Centre of Excellence"	<i>R. Moran</i>
<b>16:50</b>	Topics for discussion at MAC27	<i>D. Beverland</i>
<b>17:00</b>	The Apprentice – The Final: Case Discussion	<i>D. Bennett</i>
<b>17:30</b>	Closing Remarks	
<b>19:00</b>	The Guest Lecture: Leadership in a time of crisis , "The Winston Churchill experience"	<i>R. Cabot</i>
<b>20:00</b>	Operation Walk	<i>D. Stulberg</i>