

## MAC 14

### Primary Knee Arthroplasty Mayo Arthroplasty Conference 2014

**March 28th - 30th**

#### **FRIDAY 28TH MARCH**

**19:30** Welcome Address  
**Mr D Bennett**

**19:35** Technology Showcase  
*Faculty: Prof E Masterson, Mr G McCoy, Prof K Saleh*

#### **PRESENTATIONS**

*Reshaping Mobility – A new generation of robotics that can be held in your hand.*

**Mr S Nicol, Blue Belt Technologies.**

*Verasense- pressure sensing technology to optimise ligament balance in TKR.*

**Mr J Howley, Biomet Ireland.**

*Sphere - medially stabilised TKR.*

**Mr J Gray, Medacta.**

*Arthrosurface Hemicap - partial knee resurfacing technology.*

**Ms B Kelly, Fannins.**

*Improving the efficiency and outcomes in orthopaedics with video prescriptions.*

**Mr J Brownlee, Vidscrip.**



**Session 3 – Methodology** *Chair – Mr W Quinlan*

- 11:50      **Approaches: Which, When and Why?**  
Prof E Masterson
- 12:00      **Debate: Gap Balancing or Measured Resection**  
Gap balancing      Prof D Beverland  
Measured resection      Mr P Nicholson
- 12:15      **Resurfacing the patella**  
It's treating the patient      Prof L Puri  
It's treating the lawyer      Mr J Quinlan
- 12:30      **PCL retention or replacement- Getting past the post**  
Mr G McAlinden
- 12:40      **Mobile bearing knees: Science or spin?**  
Mr N Hogan
- 12:50      **The Valgus knee**  
Mr I Brown
- 13:00      **The Apprentice : Team formation and Case Allocation**  
Mr C Mullan  
Mr F Rowan

13:10 Lunch

**Session 4 - Technology** *Chair - Mr G McCoy*

- 14:00      **Debate: Navigated knee replacements**  
Navigated knees: Better accuracy function and longevity      Prof T Renkawitz
- Customized instruments: Invisible technology      Dr J Knight
- 14:20      **A continuum of constraint, which implant will I choose?**  
Prof K Muhall
- 14:30      **Cementless total knee arthroplasty**  
All Pain      Prof E Masterson  
All Gain      Prof K Saleh

## **Session 5 – Escapology** *Chair - Ms B Hughes*

14:50	<b>The perfect storm: Extensor Mechanism Complications</b>	Mr I Kelly
15:00	<b>Touching the Void: Dealing with severe bone loss</b>	Mr G McAlinden
15:10	<b>How to avoid the stiff painful knee</b>	Mr G McCoy
15:20	<b>Peri-Prosthetic Fractures</b>	Mr E Sheehan
15:30	<b>Mid Flexion Instability</b>	Prof K Saleh
15:40	<b>Coffee</b>	

## **Session 6 – Futurology** *Chair - Mr D Bennett*

16:00	<b>What will we discuss at MAC 2024?</b>	Mr C Murphy
16:10	<b>How will joint registry change our practice by 2030?</b>	Mr P Kenny
16:20	<b>Why will today's primary knee replacements eventually fail?</b>	Prof J Harty
16:30	<b>The economics of total knee arthroplasty: Will we be able to afford our knee replacements?</b>	Dr W Healy
16:40	<b>The Quinlan Debate: There should be only one arthroplasty unit in Ireland In the Affirmative: Quinlan the Younger In Opposition: Quinlan the Elder</b>	
17:00	<b>The Apprentice – The Final: Case Discussion</b>	Mr D Bennett
17:30	<b>Operation Walk – a global initiative</b>	Dr V Brander Prof L Puri
17:40	<b>Closing Remarks</b>	
19:00	<b>Guest Lecture – “The old continent versus the new world. Tradition or Technology”</b>	Mr Redmond Cabot
20:00	<b>Black Tie Dinner</b> Dining Room	