



# BRITISH HIP SOCIETY

Annual Scientific Meeting  
Riviera Conference Centre, Torquay

Wednesday 2<sup>nd</sup> March

BORS / Conservative Hip Surgery Instructional Course / Emerging Hip Surgeons Forum

## **BORS – Free Papers**

**Chairs: Richie Gill & Graham Gie**

- 14:00 MEASURES TAKEN TO IMPROVE SURGICAL SITE INFECTION FOLLOWING HEMIARTHROPLASTY: AN EIGHT YEAR REVIEW  
**B Johnson, I Starks, G Bancroft, P Roberts**  
*University Hospital of North Staffordshire*
- 14:05 BIOLOGICAL AUGMENTATION OF IMPACTION BONE GRAFTING: RETRIEVAL ANALYSIS OF HUMAN TISSUE ENGINEERED SPECIMENS  
**A Aarvold, JO Smith, ER Tayton, A Briscoe, S Lanham, JI Dawson, ROC Oreffo, DG Dunlop**  
*1. Southampton General Hospital 2. Bone & Joint Research Group, University of Southampton Medical School*
- 14:10 FEMOROACETABULAR IMPINGEMENT: A MORPHOMETRIC ANALYSIS BASED ON THREE DIMENSIONAL COMPUTED TOMOGRAPHY  
**K Theivendran<sup>1</sup>, CW McBryde<sup>1</sup>, PB Pynsent<sup>1</sup>, AA Weaver<sup>2</sup>, JD Stitzel<sup>2</sup>, CE Bache<sup>1</sup>, JN O'Hara<sup>1</sup>**  
*1 - The Royal Orthopaedic Hospital, Birmingham, UK, 2 - Wake Forest University School Of Medicine, North Carolina, USA*
- 14:15 THE EFFECT OF METFORMIN ON CULTURED HUMAN OSTEOBLASTS & THEIR MESENCHYMAL PROGENITORS  
**BJ Burston, JP Mansell, AW Blom**  
*Avon Orthopaedic Centre, Bristol*
- 14:20 VARIATIONS IN CYTOKINE TISSUE EXPRESSION MAY BE USED TO PREDICT FAILURE IN TOTAL JOINT ARTHROPLASTY  
**B Ollivere, R Evans-Gowing, J Wimhurst, S Donell, I Clark**  
*Norfolk & Norwich University Hospital NHS Trust*
- 14:25 *Discussion*
- 14:40 THROMBOPROPHYLAXIS IN PRIMARY HIP ARTHROPLASTY - AN EVALUATION OF THE EFFECT OF LOW MOLECULAR WEIGHT HEPARIN VERSUS ASPIRIN ON COMPLICATIONS  
**SS Jameson, S Charman, Gregg P, MR Reed, J Van der Meulen**  
*National Joint Registry for England and Wales*

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- 14:45 SYNERGISTIC AND ANTAGONISTIC EFFECTS OF ANTIBIOTICS DELIVERED LOCALLY AGAINST STAPHYLOCOCCAL BIOFILM  
A POTENTIAL NEW TACTIC IN ERADICATING PROSTHESIS-RELATED INFECTION (PRI)  
**GF Dall<sup>1</sup>, AHRW Simpson<sup>1</sup>, SJ Breusch<sup>1</sup>, MP Gallagher<sup>2</sup>**  
<sup>1</sup>Department of Orthopaedic Surgery, Royal Infirmary of Edinburgh  
<sup>2</sup> Institute of Cell and Molecular Biology, University of Edinburgh
- 14:50 THE ASSOCIATION BETWEEN HIP MORPHOLOGY PARAMETERS AND 19-YEAR RISK OF END-STAGE OSTEOARTHRITIS IN THE HIP: A NESTED CASE-CONTROL STUDY  
**AS Nicholls<sup>1</sup>, A Kiran<sup>1</sup>, TCB Pollard<sup>1</sup>, D Hart<sup>2</sup>, CPA Arden<sup>1</sup>, T Spector<sup>2</sup>, HS Gill<sup>1</sup>, DW Murray<sup>1</sup>, AJ Carr<sup>1</sup>, NK Arden<sup>1,3</sup>**  
1. NIHR Biomedical Research Unit, Nuffield Orthopaedic Centre, University of Oxford  
2. Department of Twin Research & Genetic Epidemiology, St Thomas' Hospital, Kings College, London  
3. MRC Lifecourse Epidemiology Unit, University of Southampton
- 14:55 WHAT DOES A HIGH METAL ION RESULT MEAN FOR THE MOM PATIENT?  
**R Sidaginamale , JN Gandhi, P Mereddy, TJ Joyce, DJ Langton, N Cooke, R Logishetty, AVF Nargol**  
North Tees Hospital, Stockton
- 15:00 *Discussion*
- 15:20 FEMORAL OFFSET IS UNDERESTIMATED IN PRE- OPERATIVE PLANNING FOR THA PERFORMED ON AP- PELVIS RADIOGRAPHS  
**C Merle<sup>1</sup>, W Waldstein<sup>1</sup>, MR Streit<sup>2</sup>, T Gotterbarm<sup>2</sup>, PR Aldinger<sup>3</sup>, DW Murray<sup>1</sup>, HS Gill<sup>1</sup>**  
<sup>1</sup>Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford, UK  
<sup>2</sup>Department of Orthopaedic Surgery and Traumatology, University of Heidelberg, Germany  
<sup>3</sup> Department of Orthopaedic Surgery, Paulinenhilfe, Diakonieklinikum Stuttgart, Germany
- 15:25 NECK NARROWING OF RESURFACED HIPS IS ASSOCIATED WITH INCREASED WEAR  
**G. Grammatopoulos<sup>1</sup>, A. Callistri<sup>3</sup>, H. Pandit<sup>1,2</sup>, P. McLardy-Smith<sup>2</sup>, R. Gundle<sup>2</sup>, K. DeSmet<sup>3</sup>, D. W. Murray<sup>1,2</sup>, H. S. Gill<sup>1</sup>**  
<sup>1</sup>NDORMS, University of Oxford, Oxford, UK, <sup>2</sup>Nuffield Orthopaedic Centre, Oxford, UK, <sup>3</sup>ANCA Clinic, Ghent, Belgium
- 15:30 *Discussion*
- 15:40 How to Write an Abstract  
**F Haddad**
- 14:00-17:00 **Conservative Hip Surgery Instructional Course**  
**Chair: Johan Witt**
- 16:00-18:00 **Emerging Hip Surgeons Forum**  
**Chairs: Jonathan Howell, Steve Blake**

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Thursday 3<sup>rd</sup> March

**Registration from 8.00am with refreshments**

## SCIENTIFIC MEETING OF THE BRITISH HIP SOCIETY

08:30 Welcome to Torquay  
**Graham Gie, BHS President**

08:35 **Topics in Focus 1 - Periprosthetic Fractures of the Hip**  
**Chairs: Fares Haddad & Andrew Hamer**

Introduction: Epidemiology, Economics, algorithms and fixation: The Problem.  
**Fares Haddad, London**

08.45 Optimising Peri-prosthetic Fracture Pathways  
**Tim Board, Wrightington**

09.00 Revision Surgery for peri-prosthetic fractures  
**Andrew Manktelow, Nottingham**

09.15 Peri-prosthetic acetabular fractures  
**Steve Jones, Cardiff**

09.30 Case Discussions  
**Andrew Hamer, Sheffield**

09.40 *Discussion*

**Podium Presentations of Scientific Papers**  
**Chairs: Ashley Blom & Matt Hubble**

10:00 TROCHANTERIC BURSITIS: DOES IT REALLY EXIST?  
**SJ Hughes, J Liptrott, AJ Freemont, TN Board**  
*The Hip Centre, Wrightington Hospital*

10:08 DIFFERENCES BETWEEN NATIVE AND REPLACEMENT HIP MOVEMENT WHEN  
PUTTING A SOCK ON  
**S Panchani, D Melling, JD Moorehead & SJ Scott**  
*Dept of Orthopaedics, University Hospital Aintree, Liverpool*

10:16 EARLY FAILURE SEEN IN 36mm CERAMIC ON METAL TOTAL HIP REPLACEMENTS  
**J Gandhi, R Sidaginamale, P Mereddy, D Langton, C Tulloch, R Logishetty, T Joyce, AVF Nargol**  
*North Tees Hospital, Stockton And University Of Newcastle*

10:24 DOES A COLLAR IMPROVE THE IMMEDIATE STABILITY OF A HYDROXYAPATITE-  
COATED FEMORAL HIP STEM IN TOTAL HIP ARTHROPLASTY? A CADAVER STUDY  
**C Fary<sup>1</sup>, G Demey<sup>2</sup>, S Lustig<sup>2</sup>, P Neyret<sup>2</sup>, T Selmi<sup>3</sup>**  
*1 Royal Melbourne Hospital, Victoria, Australia*  
*2 Centre Albert Trillat, Lyon, France*  
*3 Centre orthopédique Santy, Lyon, France*

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10.32 *Discussion*

10.45 **Refreshments and Poster Viewing**

## **Podium Presentations of Scientific Papers**

**Chairs: Marcus Bankes & Jim Wimhurst**

11:05 THE USE OF RIVAROXABAN FOR EXTENDED THROMBOPROPHYLAXIS FOLLOWING PRIMARY AND REVISION HIP ARTHROPLASTY

**N J Donnachie, R Finley**

*Wirral University Teaching Hospital NHS Foundation Trust*

11:13 THROMBOPROPHYLAXIS IN LOWER LIMB ARTHROPLASTY – AN EVALUATION OF THE EFFECT OF LOW MOLECULAR WEIGHT HEPARIN VERSUS RIVAROXABAN ON COMPLICATIONS

**SS Jameson, P James, I Serrano-Pedraza, SD Muller, AC Hui, MR Reed**

*James Cook University Hospital, Middlesbrough, Northumbria Healthcare NHS Trust*

11:21 USE OF THE THROMBIN GENERATION TEST TO ASSESS THE THROMBOTIC RISK ASSOCIATED WITH TOTAL HIP REPLACEMENT

**L Green, AS Lawrie, S Patel, F Hossain, A Chitolie, IJ Mackie, FS Haddad, SJ Machin**

*University College Hospital, London*

11:29 FOLLOWING NICE GUIDELINES FOR THROMBOPROPHYLAXIS IN TOTAL HIP REPLACEMENT: WHAT IS THE IMPACT?

**N K Rath, M W Goodson, H Sharma, P Thomas, A John, M C Forster**

*University Hospital of Wales, Cardiff*

11:37 *Discussion*

11:50 SCIATIC NERVE PALSY FOLLOWING TOTAL HIP ARTHROPLASTY

**DJ Spence, OJ Diamond, S O'Brien, DE Beverland**

*Musgrave Park Hospital*

11:58 EFFECT OF BODY MASS INDEX (BMI) ON THE RESULTS OF PRIMARY TOTAL HIP ARTHROPLASTY (THA)

**D Hartwright, K Harvey, G Matthews, A Schleh**

*Royal Hampshire County Hospital, Winchester*

12:06 DO FORCED AIR PATIENT WARMING DEVICES DISRUPT LAMINAR AIRFLOW?

**AJ Legg, T Cannon, S Lee, A Hamer**

*Northern General Hospital, Sheffield*

12:14 COMPARISON OF HEMIARTHROPLASTY VERSUS THR FOLLOWING INTRACAPSULAR FRACTURED NECK OF FEMUR – A NATIONAL ANALYSIS OF ENGLISH NHS PATIENTS

**SS Jameson, P James, I Serrano-Pedraza, JL McVie, SD Muller, MR Reed**

*South Tees Hospitals NHS Trust, Northumbria Healthcare NHS Foundation Trust*

12:22 *Discussion*

12:35 **Report from McMinn Fellows**

12:45 **Lunch and Poster Viewing**

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14:15

## **Presidential Guest Speaker**

MYTHS AND FACTS OF MODERN THROMBOPROPHYLAXIS FOLLOWING  
TOTAL JOINT REPLACEMENT

**Dr Alejandro Gonzalez Della Valle MD**

*Hospital for Special Surgery, New York*

## **Podium Presentations of Scientific Papers**

**Chairs: Tony Clayson & Johan Witt**

14:45

ARE PATIENTS WITH FEMORAL ACETABULAR IMPINGEMENT AT GREATER RISK  
OF SUSTAINING ACETABULAR FRACTURES?

**GE Bartlett, ED Fern, J Dumais, MR Norton, D Hak**

*Denver Health, Colorado USA, and the Royal Cornwall Hospital*

14:53

ARTICULAR CARTILAGE AND LABRAL DAMAGE IN PATIENTS WITH MILD HIP  
DYSPLASIA – ARTHROSCOPIC FINDINGS AND CT ANALYSIS

**M Khattak, W Dandachli, J D Witt**

*University College London Hospitals NHS Trust*

15:01

THE INCIDENCE AND SIGNIFICANCE OF POST-TRAUMATIC FEMORAL CAM  
DEFORMITY FOLLOWING INTERNAL FIXATION OF INTRA-CAPSULAR FRACTURES OF  
THE HIP

**B A Hickey, S A Jones**

*University Hospital of Wales, Cardiff*

15:09

SURVIVAL AND OUTCOMES OF THE BIRMINGHAM INTERLOCKING TRIPLE PELVIC  
OSTEOTOMY

**DPA Jewell, P Leggetter, CW McBryde, JN O'Hara**

*The Royal Orthopaedic Hospital*

15:17

MINIMALLY INVASIVE PERIACETABULAR OSTEOTOMY THROUGH A NEW COSMETIC  
APPROACH – SURGICAL TECHNIQUE AND EVALUATION OF RADIOGRAPHIC  
CORRECTION AND COMPLICATIONS

**J D Witt, P Ackerman**

*University College London Hospitals NHS Trust*

15:25

*Discussion*

15:45

**Refreshments & Poster Viewing**

16:00

## **Topics in Focus 2 – Management & Recommendations for Long-term Follow-up of Hip Replacement**

**Chairs: Gordon Bannister & Lindsay Smith (ACPA)**

The Rationale for follow up and Practice in Europe.

**Gordon Bannister**

16:10

How effective is Follow up and when is it required?

**Sanchit Mehendale**

16:25

Patient related outcome measures and Radiological Changes.

**Lindsay Smith**

16:40

Recommendations for Follow up.

**Gordon Bannister**

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- 16.45 *Discussion*
- 17:00 Annual General Meeting
- 19:30 Gala Dinner

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Friday 4<sup>th</sup> March

## Registration from 8.00am with refreshments

### NJR Session

- 08:30 Surgeon Outliers, Mortality Resurfacing, Unit Reporting & RCC Vacancies  
**Peter Howard**
- 08:35 Annual Report, Fellowship & Research  
**Martyn Porter**
- 08:40 Implant Performance Committee; Effects of HES, Supplier Feedback, Ceramics & outlying Implants  
**Keith Tucker**
- 08:45 *Discussion*

### Podium Presentations of Scientific Papers

**Chairs: Dominic Meek & Martin Stone**

- 09:00 DISLOCATION RATES FOLLOWING PRIMARY TOTAL HIP ARTHROPLASTY – A FIVE-YEAR ANALYSIS OF ENGLISH NHS PATIENTS  
**SS Jameson, D Lees, P James, I Serrano-Pedraza, PF Partington, SD Muller, RDD Meek, MR Reed**  
*Northumbria Healthcare NHS Foundation Trust*
- 09:08 MEDICAL COMPLICATIONS AND MORTALITY FOLLOWING TOTAL HIP ARTHROPLASTY IN THE ENGLISH NHS (2005 - 2010)  
**SS Jameson, A Weusten, P James, RD Sanders, I Serrano-Pedraza, A Port, MR Reed**  
*South Tees Hospitals NHS Trust, Northumbria Healthcare NHS Trust*
- 09:16 AETIOLOGY OF HIP REVISION CASES PERFORMED WITHIN THE UK: RESULTS FROM THE NATIONAL JOINT REGISTRY  
**BJRF Bolland, SL Whitehouse, JR Howell, MJW Hubble, GA Gie, AJ Timperley**  
*Princess Elizabeth Orthopaedic Centre, Royal Devon & Exeter Hospital, Exeter*
- 09:24 TOTAL HIP ARTHROPLASTY WITH AN MS-30 FEMORAL STEM: A FOLLOW-UP STUDY AT A MINIMUM OF 10 YEARS  
**GHO Brigstocke, PA Mitchell and JW Rosson**  
*Royal Surrey County Hospital*
- 09:32 UNCEMENTED CUSTOM COMPUTER-ASSISTED DESIGN AND MANUFACTURE OF HYDROXYAPATITE-COATED FEMORAL COMPONENTS: SURVIVAL AT 10 TO 17 YEARS  
**S. Muirhead-Allwood<sup>1</sup>, N. Sandiford<sup>1</sup>, J. A. Skinner<sup>2</sup>, J. Hua<sup>2</sup>, P. S. Walker<sup>3</sup>**  
*1 The London Hip Unit, 4th Floor, 30 Devonshire Street, London, 2 The Royal National Orthopaedic Hospital, Stanmore, 3 MIS Laboratory, Department of Orthopaedic Surgery NYU Medical Center - Hospital for Joint Diseases, Manhattan, New York*
- 09:40 *Discussion*
- 10:00 AETIOLOGY OF REVISION TOTAL HIP ARTHROPLASTY  
**G Holt, J Howell, M Hubble, G Gie, A Timperley**  
*Exeter Hip Unit, Princess Elizabeth Orthopaedic Centre, Royal Devon and Exeter Hospital*

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- 10:08 COLLARLESS POLISHED TAPERED STEM (CPT) CLINICAL AND RADIOLOGICAL RESULTS AT 15 YEARS' FOLLOW-UP  
**BJ Burston, AJ Barnett, PJ Yates, GC Bannister**  
*Avon Orthopaedic Centre, Bristol*
- 10:16 THIRD GENERATION ALUMINA-ON-ALUMINA CERAMIC BEARINGS IN CEMENTLESS TOTAL HIP ARTHROPLASTY IN PATIENTS 55 YEARS AND YOUNGER: A 10 YEAR FOLLOW-UP  
**R Chana, S Tilley, M Facek, WL Walter, B Zicat, WK Walter**  
*Specialist Orthopaedic Group, Mater Hospital, Sydney, NSW, Australia*
- 10:24 REVISION HIP ARTHROPLASTY USING IMPACTED CANCELLOUS BONE GRAFTING AND CEMENTED ACETABULAR COMPONENT, A LONG-TERM FOLLOW UP  
**G Arumugam, P J Wraighte, P W Howard**  
*Royal Derby Hospital, Derby*
- 10:32 THE RESULTS OF ACETABULAR IMPACTION GRAFTING IN 129 PRIMARY CEMENTED TOTAL HIP REPLACEMENTS  
**MJ Wilson, JR Howell, MJ Hubble, AJ Timperley, GA Gie**  
*Princess Elizabeth Orthopaedic Centre, Royal Devon and Exeter Hospital*
- 10:40 *Discussion*
- 11:00 **Refreshments & Poster Viewing**
- Podium Presentations of Scientific Papers**  
**Chairs: Evert Smith & Martyn Lovell**
- 11:40 BIRMINGHAM HIP RESURFACING: THE PREVALENCE OF FAILURE  
**AD Carrothers, RE Gilbert, A Jaiswal, JB Richardson**  
*Robert Jones and Agnes Hunt Orthopaedic Hospital, Oswestry*
- 11:48 TEN YEAR SURVIVAL OF THE BIRMINGHAM HIP RESURFACING IN MEN - AN INDEPENDENT SERIES  
**G. Grammatopoulos<sup>1</sup>, H. Pandit<sup>1,2</sup>, P. McLardy-Smith<sup>2</sup>, R. Gundle<sup>2</sup>, H. S. Gill<sup>1</sup>, D. W. Murray<sup>1,2</sup>**  
*<sup>1</sup>NDORMS, University of Oxford, Oxford, <sup>2</sup>Nuffield Orthopaedic Centre, Oxford*
- 11:56 METAL ON METAL HIP RESURFACING: A TEN TO SIXTEEN YEAR STUDY  
**A M Thomas, P B Pynsent, S James and C M McBryde**  
*Royal Orthopaedic Hospital, Birmingham*
- 12:04 INVESTIGATION OF PAINFUL MOM HIPS: SENSITIVITY, SPECIFICITY AND PREDICTOR VALUE OF SERUM METAL IONS FOR ARMD BASED ON MHRA GUIDANCE  
**I Malek, A King, H Sharma, E Clatworthy, K Lyons, S Jones, A John**  
*University Hospital of Wales, Cardiff*
- 12:12 MRI REVEALS A HIGH PREVALENCE OF CYSTIC 'PSEUDOTUMOURS' ADJACENT TO WELL FUNCTIONING METAL-ON-METAL HIP ARTHROPLASTIES  
**Alister Hart<sup>1</sup>, Keshthra Satchithananda<sup>2</sup>, Alex Liddle<sup>1</sup>, Shiraz Sabah<sup>1</sup>, Donald McRobbie<sup>2</sup>, Johann Henckel<sup>1</sup>, Justin Cobb<sup>1</sup>, John Skinner<sup>3</sup>, Adam Mitchell<sup>2</sup>**  
*<sup>1</sup>Department of Musculoskeletal Surgery, Imperial College London, <sup>2</sup>Radiology department, Imperial College Healthcare NHS Trust, <sup>3</sup>Royal National Orthopaedic Hospital, University College London*



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- 12:20 CAUSES OF REVISION OF HIP RESURFACINGS FROM A EUROPEAN SPECIALIST  
INDEPENDENT CENTRE  
**Koen De Smet<sup>1</sup>, Catherine Van Der Straeten<sup>2</sup>, George Grammatopoulos<sup>3</sup>**  
*<sup>1</sup>ANCA Clinic, Ghent, Belgium, <sup>2</sup>Independent Clinical Researcher, St. Martens-Latem, Belgium, <sup>3</sup>Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford*
- 12:28 CAN WE IMPROVE OUTCOME FOLLOWING REVISION OF HIP RESURFACINGS?  
**Koen De Smet<sup>1</sup>, George Grammatopoulos<sup>2</sup>, Catherine Van Der Straeten<sup>3</sup>**  
*<sup>1</sup>ANCA Clinic, Ghent, Belgium, <sup>2</sup>Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford, <sup>3</sup>Independent Clinical Researcher, St. Martens-Latem, Belgium*
- 12:36 *Discussion*
- 12:50 Joint Action - The Orthocard: 18 Months later and ££'s for Research  
**Peter Foy, Joint Action**
- 13:00 **Topics in Focus 3 – MOM with Stemmed Components**  
**Chairs: John Skinner & Martyn Porter**
- Introduction – John Skinner**
- 13:05 Morse Tapers: Design, Properties, Compatibility  
**Gordon Blunn**
- 13.15 Accelerated Failure of the ASR XL at North Tees Hospital  
**David Langton**
- 13.25 The Belfast Experience of ASR XL THR  
**David Beverland**
- 13.35 The Southampton Experience of large MOM heads on stems  
**Jeremy Latham**
- 13.45 Metal Bearing THRs in South Wales; experience of several bearing types.  
**Steve Jones**
- 13.55 Early Failure of 36mm MOM Bearings  
**Antoni Norgol**
- 14.05 *Discussion: What's Going on?*
- 14.35 End of Meeting