BRITISH HIP SOCIETY

Annual Scientific Meeting
Riviera Conference Centre, Torquay

Wednesday 2nd 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 HEMIARTHROPLSTY: 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 Theivendran1, CW McBryde1, PB Pynsent1, AA Weaver2, JD Stitzel2, CE Bache1, JN O’Hara1
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 CYTOKINETISSUE 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
14:45 SYNERGISTIC AND ANTAGONISTIC EFFECTS OF ANTIBIOTICS DELIVERED LOCALLY AGAINST STAPHYLOCOCCAL BIOFILM A POTENTIAL NEW TACTIC IN ERADICATING PROSTHESIS-RELATED INFECTION (PRI) 
GF Dall¹, AHRW Simpson¹, SJ Breusch¹, MP Gallagher²
¹Department of Orthopaedic Surgery, Royal Infirmary of Edinburgh
²Institute 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 Nicholls¹, A Kiran¹, TCB Pollard¹, D Hart², CPA Arden¹, T Spector², HS Gill¹, DW Murray¹, AJ Carr¹, NK Arden¹,³
¹NIHR Biomedical Research Unit, Nuffield Orthopaedic Centre, University of Oxford
²Department of Twin Research & Genetic Epidemiology, St Thomas’ Hospital, Kings College, London
³MRC 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 Merle¹, W Waldstein¹, MR Streit², T Gotterbarm², PR Aldinger³, DW Murray¹, HS Gill¹
¹Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford, UK
²Department of Orthopaedic Surgery and Traumatology, University of Heidelberg, Germany
³Department of Orthopaedic Surgery, Paulinenhilfe, Diakonie Klinikum Stuttgart, Germany

15:25 NECK NARROWING OF RESURFACED HIPS IS ASSOCIATED WITH INCREASED WEAR
G. Grammatopoulos¹, A. Callisti³, H. Pandit¹,², P. McLardy-Smith³, R. Gundle², K. Desmet¹, D. W. Murray¹,², H. S. Gill¹
¹NDORMS, University of Oxford, Oxford, UK, ²Nuffield Orthopaedic Centre, Oxford, UK, ³ANCA 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
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 Meredy, 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 ¹, G Demey ², S Lustig ³, P Neyret ², T Selmi ³
1 Royal Melbourne Hospital, Victoria, Australia
2 Centre Albert Trillat, Lyon, France
3 Centre orthopédique Santy, Lyon, France
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 Schlehe

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
14:15  **Presidential Guest Speaker**  
MYTHS AND FACTS OF MODERN THROMBOPHOPHYLAXIS 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
16.45 Discussion
17:00 Annual General Meeting
19:30 Gala Dinner
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-Allwood¹, N. Sandiford¹, J. A. Skinner², J. Hua³, P. S. Walker³  
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
10:08  COLLARLESS POLISHED TAPERED STEM (CPT) CLINICAL AND RADIOLOGICAL RESULTS AT 15 YEARS’ FOLLOW-UP
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
M J 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. Grammatopoulos¹, H. Pandit¹,², P. McLardy-Smith², R. Gundale², H. S. Gill¹,
D. W. Murray¹,²
¹NDORMS, University of Oxford, Oxford, ²Nuffield 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 Hart¹, Keshthra Satchithananda², Alex Liddle¹, Shiraz Sajib¹, Donald McRobbie²,
Johann Henczel¹, Justin Cobb¹, John Skinner², Adam Mitchell²
¹Department of Musculoskeletal Surgery, Imperial College London, ²Radiology department, Imperial College Healthcare NHS Trust, ³Royal National Orthopaedic Hospital, University College London
12:20 CAUSES OF REVISION OF HIP RESURFACINGS FROM A EUROPEAN SPECIALIST
Koen De Smet¹, Catherine Van Der Straeten², George Grammatopoulos³
¹ANCA Clinic, Ghent, Belgium, ²Independent Clinical Researcher, St. Martens-Latem, Belgium, ³Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford

12:28 CAN WE IMPROVE OUTCOME FOLLOWING REVISION OF HIP RESURFACINGS?
Koen De Smet¹, George Grammatopoulos³, Catherine Van Der Straeten²
¹ANCA Clinic, Ghent, Belgium, ²Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford, ³Independent 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 THR’s 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