



BRITISH HIP SOCIETY

Annual Scientific Meeting
Mercure St Paul's Hotel, Sheffield

Symposium on Acetabular Osteotomies

Wednesday 24th February 2010
Mercure St Paul's Hotel Sheffield

2 – 5.30 pm, Function rooms 5 and 6

Topics to be covered will include:

- Indications for acetabular re-orientation
- Surgical approaches
- Avoiding complications
- Starting out doing acetabular osteotomies
- Case discussions
- (Delegates encouraged to bring cases with them)

There will be a Sawbones workshop kindly supported by Synthes for delegates to practise osteotomies and analyse re-positioning of the acetabulum

Course convener: Johan Witt

Faculty: Aresh Hashemi-Nejad, Hugh Apthorp, Marcus Bankes, Darren Fern, Sanjeev Patil



Thursday 25th February 2010

Mercure St Paul's Hotel, Sheffield

Registration from 8.30am with refreshments

- 09.00-11.00 **Emerging Hip Surgeons' Forum**
Chairmen: Brian Mockford (Belfast), Adrian Carroll (Wirral)
- 11.15 **National Joint Registry Update**
Chairmen: Martyn Porter (Wrightington), Keith Tucker (Norwich)
- NJR Headline News Mr K Tucker
- 11.20 Outliers data Prof P Gregg
- 11.25 Traffic lights & Recertification Mr M Porter
- 11.30 NJR Data Quality Mr P Howard
- 11.35 Question Time & Panel Discussion All
- 12.30 **Buffet Lunch and Poster Viewing**

SCIENTIFIC MEETING OF THE BRITISH HIP SOCIETY

- 13.25 **Welcome to Sheffield**
Ian Stockley - President
- 13.30 **Topics in Focus: HRG/Reimbursement**
Chairman: Bob Kerry (Sheffield)
- HRG Version 4 and the Grouper
Rachel Mcilroy, The NHS Information Centre
- Payment by Results and Tariffs
Nathan Abbots, PbR Team, Department of Health
- A Clinical Perspective
Darren Fern, Truro
- 15.00 **Refreshments and Poster Viewing**
- Podium Presentations of Scientific Papers - Metal on Metal Bearings**
Chairmen: Martyn Porter (Wrightington) & Derek Pegg (Crewe)
- 15.20 Optimum Acetabular Component Position for Reduced Ion Levels in Hip Resurfacing
G Grammatopoulos, H Pandit, A Taylor, D Whitwell, S Glyn-Jones, R Gundle, P McLardy-Smith, DW Murray, HS Gill
Nuffield Orthopaedic Centre, Oxford

- 15.30 Suggested Safe Zone for Cup Placement for the Reduction of Blood Metal Ion Concentrations Following Hip Resurfacing.
DJ Langton, SS Jameson, M Van Oursouw, K De Smet, AVF Nargol
University Hospital of North Tees, Newcastle University and ANCA clinic Ghent.
- 15.40 Determination of Metal Ion Levels in Synovial Fluid and Blood from Patients with Metal on Metal Hips
AJ Hart, K Davda, F Lali, J Skinner, B Sampson
Imperial College Healthcare Trust, Charing Cross Hospital, London
- 15.50 Blood Metal Ion Levels Predict Local Soft Tissue Abnormalities in Painful Hip Resurfacings
JR McArthur, M Costa, DR Griffin, SJ Krikler, N Parsons, GT Pereira, U Prakash, S Rai, PR Foguet
University Hospital Coventry and Warwick
- 16.00 Asymptomatic Patients with Increased Blood Metal Ion Levels Following Metal on Metal Hip Resurfacing Arthroplasty: Is Failure Imminent?
Langton DJ, Jameson SS, Joyce TJ, Nargol AVF
University Hospital of North Tees and Newcastle University
- 16.10 Effect of Cobalt and Chromium Ions on the Formation and Function of Human Peripheral Blood Derived Osteoclasts in-Vitro
RE Andrews, A Gartland, JM Wilkinson
Department of Human Metabolism, University of Sheffield
- 16.20 Neck Narrowing in Resurfaced Hips with Inflammatory Pseudotumour
G Grammatopoulos, H Pandit, A Taylor, D Whitwell, S Glyn-Jones, R Gundle, P McLardy-Smith, HS Gill, DW Murray
Nuffield Orthopaedic Centre, Oxford
- 16.30 What is the Incidence and Common Characteristics of High Wearing Explanted Metal on Metal Hips
¹RJ Underwood, ¹PM Cann ; ¹K Ilo, ²CR Wagner, ³J Skinner, ¹J Cobb, ⁴M Porter, ³S Muirhead-Allwood, ¹A Hart
¹Imperial College, London. ²Revolute Biomedical, LLC. ³Royal National Orthopaedic Hospital, Stanmore. ⁴Centre for Hip Surgery, Wrightington Hospital.
- 16.40 Explant Analysis of Metal on Metal (MoM) Hip Components Retrieved Following Adverse Reactions to Metal Debris (ARMD)
Joyce TJ, Langton DJ, Lord J, Grigg H, Jameson SS, Cooke N, Tulloch C, Logishetty R, Meek D, Nargol AVF
University Hospital of North Tees and Newcastle University
- 16.50 Hip Resurfacing Related Pseudotumours are Associated with Increased Wear – A Retrieval Study Using an Accurate 3D Measurement Technique
¹Glyn-Jones S, ²Roques A, ¹³Esposito C, ³Walter W, ²Tuke M, ¹Murray D
*¹Biomedical Research Unit, University of Oxford, UK, ²Finsbury Orthopaedics Ltd, UK, ³Sydney Hip and Knee Surgeons, Waverton NSW, Australia
Nuffield Orthopaedic Centre: Taylor A, Whitwell D, Gundle R, McLardy-Smith P*
- 17.00 **Bar Opens**
- 17.30 **Annual General Meeting of the British Hip Society**
- 20.00 **Dinner, Main Hall, Cutlers Hall**
Guest Speaker – Mr Andrew Raftery
Dress code: Lounge suits



Friday 25th February 2010

Mercure St Paul's Hotel, Sheffield

Registration from 8.30am with refreshments

08.30 **Podium Presentations of Scientific Papers – Outcomes in Hip Surgery**
Chairmen: Mr S Krikler (Coventry) & Mr M Hemmady (Lancashire)

Long-Term Follow up of Matched Birmingham Hip Resurfacing and Hybrid Total Hip Replacements in Young Patients

Baker RP, Pollard TCB, Eastaugh-Waring S, Bannister GC
Avon Orthopaedic Centre, Southmead Hospital, Bristol

08.40 The Long Term Wear of Highly Cross-Linked Polyethylene in Total Hip Arthroplasty - A Seven Year Double Blind Randomised Controlled Trial Using Radiostereometric Analysis
GER Thomas¹, DJ Simpson¹, A Taylor², D Whitwell², CLMH Gibbons², R Gundle², P Mclardy-Smith², HS Gill¹, S Glyn-jones¹, DW Murray¹.

¹Nuffield Department of Orthopaedics, Rheumatology & Musculoskeletal Sciences, University of Oxford, ²Nuffield Orthopaedic Centre

08.50 Triple Tapered Polished Cemented Stem: The C-Stem in Total Hip Arthroplasty with a Minimum Follow-up of 10 Years

B Purbach, BM Wroblewski, PD Siney, PA Fleming, PR Kay
The John Charnley Research Institute, Wrightington Hospital

09.00 Five to Ten Year Results of the Birmingham Hip Resurfacing

¹L Rahman, ²SK Muirhead-Allwood

^{1,2}The London Hip Unit, ²Royal National Orthopaedic Hospital, Stanmore

09.10 Morbidity Associated with Trochanteric Osteotomy in Resurfacing

GS Carlile, CP Wakeling, ED Fern

Royal Cornwall Hospital, Truro

09.20 Outcome of Revision of Metal on Metal Hip Resurfacing

E Shears, CW McBryde, PB Pynsent

Royal Orthopaedic Hospital, Birmingham

09.30 High Early Failure Rate with a Large Head Metal on Metal Hip Replacement: The Importance of MRI Imaging

H Wynn Jones, J Wimhurst, R Macnair, B Derbyshire, N Chirodian, A Toms, J Cahir

Norfolk and Norwich University Hospital, Wrightington Hospital

09.40 Femoral Periprosthetic Stress-Shielding in Patients Implanted with 4/5th and 1/3rd Porous Coated Cementless Femoral Stems

Kumar V, Malhotra R, Bhan S

Department of Orthopaedics, All India Institute of Medical Sciences, New Delhi, India

- 09.50 Donated Femoral Heads at Primary Total Hip Replacement:
11-year Follow-up of a Cohort Study of Microbiological Results
T Ibrahim, M Ghazal Aswad, JJ Dias, CN Esler, AR Brown
Glenfield Hospital, Leicester
- 10.00 Long-Term Outcome of Total Hip Arthroplasty Verses Hemiarthroplasty in Mobile,
Independent with a Displaced Intracapsular Fracture of the Femoral Neck
P Avery, M Walton, G Rooker, M Gargan, B Squires, R Baker, G Bannister
Avon Orthopaedic Centre, Southmead Hospital and Bristol Royal Infirmary
- 10.10 **Refreshments and Poster Viewing**
- 10.30 **Topics in Focus: Infection**
Chairman: Ian Stockley (Sheffield)
- Periprosthetic Infection - Recurrence and No Pathogen Found - Tricks of the Bugs
Dr Lars Frommelt, Endo Klinik, Hamburg, Germany
- Smart Self-Protective Implants
Dr Jarvid Parvizi, Rothman Institute, Philadelphia, USA
- Antibiotic Prophylaxis and Superbugs
Dr Rob Townsend, Northern General Hospital, Sheffield
- Discussion*
- 12.00 **Report from BHS/AHS Travelling Fellows 2009**
Sanjeev Patil (Glasgow), Pramod Achan (London)
- 12.15 **Presidential Guest Lecture**
Hydroxyapatite and Hip Arthroplasty: What have we learned over 25 years?
Dr Jean-Pierre Vidalain, Annecy, France
- 13.00 **Buffet Lunch and Poster Viewing**
- 14.00 **Topics in Focus: Polyethylene Acetabular Components**
Chairmen: Mr John Timperley (Exeter), Mr M Porter (Wrightington)
- Polyethylene in Cementless Sockets - The Results to Date
Dr Jarvid Parvizi, Rothman Institute, Philadelphia, USA
- Polyethylene and Cemented Sockets - The Results to Date
Dr W Schreurs, Nijmegen, Netherlands
- A View from a Surgeon who has used Polyethylene Both Ways - The Future
Mr Gordon Bannister, Bristol
- 14.45 *Discussion*
- 15.15 **Refreshments and Poster viewing**
- Podium Presentations of Scientific Papers – Aspects of Hip Surgery**
Chairmen: Mr M Bankes (London) & Mr M Stone (Leeds)
- 15.30 Why do those Patients with a Low-Pre-Operative Oxford Hip Score Undergo Hip
Arthroplasty?
V Bucknall, CW McBryde, M Revell, PB Pynsent
Royal Orthopaedic Hospital, Birmingham

- 15.40 Kinematic Assessment of Hip Movement when Retrieving an Object from the Floor in Normal Subjects and Arthroplasty Patients
S Panchani, D Melling, JD Moorehead, P Carter, SJ Scott
University Hospital Aintree, Liverpool
- 15.50 Osteolysis Associated with 'Optiplug®' Bioabsorbable Cement Restrictors
M Ockendon, JE Oakley, NM Graham
Robert Jones and Agnes Hunt Orthopaedic Hospital, Oswestry
- 16.00 Effect of Cemented Prosthesis Geometry on Bone Remodelling of the Proximal Femur: A Randomised Clinical Trial
RL Jayasuriya, SC Buckley, AJ Hamer, RM Kerry, I Stockley, MW Tomouk, JM Wilkinson
Northern General Hospital, Sheffield
- 16.10 Serum C-Telopeptide of Type-I Collagen - A Matrix Metalloproteinase-Derived Collagen Degredation Product is a Sensitive Biomarker for Detecting Periprosthetic Osteolysis
RL Jayasuriya, RA Hannon, R Eastell, I Stockley, JM Wilkinson
University of Sheffield and Northern General Hospital, Sheffield
- 16.20 Examination of the Function of the Ligamentum Teres in an Intact Human Cadaveric Model
F Daley Morris, X Griffin, D Griffin
Warwick Medical School, Coventry
- 16.30 Results of Microfracture for Acetabular Chondral Defects after Second Look Arthroscopy
S Karthikeyan, D Griffin
Warwick Medical School, Coventry
- 16.40 Long Term Follow-up Results for Minor Column Acetabular Allograft in Revision Hip Arthroplasty
PTH Lee, O Safir, DJ Backstein, AE Gross
Mount Sinai Hospital, Toronto, Canada
- 16.50 Assessing Inter-Observer Reproducibility for Radiographic Measurement of Leg Length
A Grainger¹, P O'Connor¹, R Ramaswamy¹, A McWilliams¹, AC Redmond^{1,2}, D White¹, T Stewart^{1,3}, MH Stone¹
¹NIHR Leeds Musculoskeletal Biomedical Research Unit, ²Leeds Institute for Molecular Medicine, ³Leeds Institute for Mechanical and Biological Engineering
- 17.00 **Report from McMinn Fellows 2008**
Ben Ollivere (Norwich), Graham Dall (Edinburgh)
- 17.15 **Award of Prizes from 2010 BHS – Ian Stockley**
Handing over of Presidency to **Graham Gie (Exeter), President 2010/11**
- 17.30 End of Meeting
Next meeting – Exeter 2011