

BASK SPRING MEETING 2008

BIC - Bournemouth

THURSDAY 17TH APRIL

09.00 am **REGISTRATION AND COFFEE**

09.50 am **INTRODUCTION - Mr N Fiddian, President**

Moderators

Session I - TKR

Tim Wilton &

Charles Blakeway

Free Paper Session – TKR Investigation and outcome

10.00am **COMPARISON OF DIGITAL AND PLAIN RADIOGRAPHY PRE-OPERATIVE
TEMPLATING IN TOTAL KNEE ARTHROPLASTY**

M Hossain, J Lewis, A Mustafa, A Sinha

Ysbyty Gwynedd, Bangor, UK

10.10 **THE RELIABILITY AND ACCURACY OF DIGITAL TEMPLATING IN
TOTAL KNEE ARTHROPLASTY**

R W Trickett, P Hodgson, M C Forster, A Robertson

Cardiff and Vale Orthopaedic Centre, Llandough Hospital, Cardiff, Wales

10.16 **BILATERAL SIMULTANEOUS TOTAL KNEE REPLACEMENTS IS IT SAFE? THE
HARLOW EXPERIENCE**

Ramkumar, NC Talwalkar, A Amin, T Taneja, CH Aldam, PW Allen

Princess Alexandra Hospital Harlow

10.22 **THE KNEE ARTHROPLASTY TRIAL (KAT) FIVE YEAR RESULTS**

D W Murray for the KAT study group

Aberdeen, Dundee and Oxford Universities

10.28 **Discussion**

Free Paper Session -TKR Indications and technique

10.34 **STANMORE MODULAR INDIVIDUALISED LOWER EXTREMITY SYSTEM
(SMILES): ROTATING HINGE KNEE PROSTHESIS IN PRIMARY ARTHROPLASTY:
UP TO 17 YEAR FOLLOW UP.**

***L Bayliss, P Gikas, SA Hanna, LA David, W Aston, R Carrington, J Skinner,
SR Cannon, TWR Briggs.***

Royal National Orthopaedic Hospital, Stanmore

10.40 **THE MID TO LONG-TERM RESULTS OF THE HYBRID CEMENT TECHNIQUE IN
REVISION KNEE ARTHROPLASTY**

GCA Wood, S McDonald, R McCalden, RB Bourne, D Naudie.

London Health Sciences Centre, Ontario Canada

10.46 **PRIMARY AND REVISION KNEE ARTHROPLASTY IN VERY ELDERLY PATIENTS.**

I Starks, J J Gregory, S J Phillips

*The Robert Jones and Agnes Hunt District and Orthopaedic Hospital, Oswestry,
Shropshire, SY10 7AG.*

10.52 **Discussion**

Free Paper Session -TKR for younger indications

10.58 **THE LONG-TERM SURVIVAL RESULTS OF TKA IN PATIENTS UNDER THE AGE OF 60.**

***D Longino, S Hynes, R Rout, H Pandit, D Beard, H Gill, C Dodd, D Murray, Hip and
Knee Reconstruction Team, A Price***

Nuffield Orthopaedic Centre, Oxford, UK.

11.04 **TOTAL KNEE REPLACEMENT IN ACTIVE GOLFERS**

A Lakdawala , J Ireland

Holly House Hospital, Essex

11.10 **Discussion**

Moderators

Session II - TKR complications

*Richard Parkinson
& David Barrett*

Free Paper Session – Early TKR Complications

- 11.16 ARTHROSCOPIC CAPSULECTOMY AND ANTERIOR RELEASE FOR THE TREATMENT OF STIFFNESS FOLLOWING TOTAL KNEE REPLACEMENT
M J Risebury, M Price, N P Thomas
BASINGSTOKE AND NORTH HAMPSHIRE NHS FOUNDATION HOSPITAL, HAMPSHIRE CLINIC AND WESSEX KNEE UNIT
- 11.22 POST OPERATIVE OXYGEN SATURATIONS IN COMPUTER NAVIGATED TOTAL KNEE JOINT REPLACEMENTS
M J Chambers, B P Rooney, L Campton, W J Leach
Gartnavel General Hospital, Glasgow, UK
- 11.28 DOES INTRAARTICULAR STEROID INFILTRATION INCREASE RATE OF INFECTION IN SUBSEQUENT TOTAL KNEE REPLACEMENTS?
A S Desai, R Sreekumar, T N Board, V V Raut
Wrightington Hospital, Hall Lane, Appley Bridge, Wigan WN6 9EP

11.34 **Discussion**

Free Paper Session – Later Complications/results

- 11.44 THE ST. LEGER TOTAL KNEE REPLACEMENT A 10-YEAR CLINICAL AND RADIOLOGICAL ASSESSMENT
A D Carrothers, R E Gilbert, J Gregory, M J Oakley
Hereford County Hospital
- 11.52 RE-OPERATION RATES FOLLOWING TOTAL KNEE ARTHROPLASTY AT AN INDEPENDENT SECTOR TREATMENT CENTRE: THE CARDIFF EXPERIENCE.
PJ Kempshall, A Metcalffe, MC Forster
Cardiff and Vale Orthopaedic Centre, Cardiff
- 11.58 DOUBLE EXTRACTION TECHNIQUE' FOR REMOVAL OF WELL FIXED COMPONENTS IN REVISION TOTAL KNEE ARTHROPLASTY- SOUTHAMPTON EXPERIENCE
A Mohan, M Lemon, M Browne and Prof DS Barrett
Southampton University Hospitals NHS Trust, Southampton, Hampshire, UK.

12.04 **Discussion**

12.15 INVITED LECTURER:
Dr R Scott - Brigham Hospital, Boston, USA

13.00 LUNCH – Purbeck Hall - Exhibition Area

- 13.50 **DEBATE:** Chairman – Phil Hirst
Fixing Tibial Plateau Fractures
1. 'Open Fixation' – Proposed by Professor C Moran, QMC Nottingham
 2. 'Arthroscopically assisted?' Proposed by R Venkatesh, Leeds
 3. 'Using Frames/Fixators?' Proposed by B Narayam, Liverpool

Discussion

Moderators

Session III Uni-Compartmental Replacement

*Tim Wilton
& Andrew Price*

Free Paper Session – Technical Aspects of UKA

- 15.00 AFTER UNICOMPARTMENTAL KNEE ARTHROPLASTY PATIENTS CAN KNEEL BUT THEY NEED TO BE TAUGHT.
C Jenkins, K Barker, H Pandit, CAF Dodd, DW Murray
Nuffield Orthopaedic Centre NHS Trust, Oxford, UK
- 15.06 AN ACCEPTABLE LIMIT OF TIBIAL COMPONENT OVERHANG IN THE OXFORD UNICOMPARTMENTAL KNEE ARTHROPLASTY
R Chau, A Gulati, H G Pandit, D J Beard, H S Gill, C A F Dodd, D J Simpson, D W Murray
Nuffield Orthopaedic Centre, Oxford, UK

- 15.12 COMBINED ANTERIOR CRUCIATE RECONSTRUCTION & OXFORD
UNICOMPARTMENTAL KNEE: A CLINICAL, RADIOLOGICAL & KINEMATIC
REVIEW WITH A MINIMUM 3-YEAR FOLLOW-UP
H Pandit, B van Duren, C Jenkins, HS Gill, D Beard, AJ Price, CAF Dodd, DW Murray
Nuffield Orthopaedic Centre, Oxford, UK
- 15.18 MOBILE BEARING LATERAL UNICOMPARTMENTAL KNEE REPLACEMENT
H Pandit, C Jenkins, HS Gill, D Beard, BEA Marks, AJ Price, CAF Dodd, DW Murray
Nuffield Orthopaedic Centre, Oxford
- 15.24 **Discussion**
- Free Paper Session – Results of UKA**
- 15.32 MALALIGNMENT AFTER UNICOMPARTMENTAL ARTHROPLASTY:
DOES IT MATTER?
A Gulati, C Jenkins, R Chau, H G Pandit, C A F Dodd, A J Price, D J Simpson,
D J Beard, H S Gill, D W Murray
Nuffield Orthopaedic Centre, Oxford, OX3 7LD
- 15.38 CEMENTED AND CEMENTLESS FIXATION OF UNICOMPARTMENTAL KNEE
REPLACEMENT: A RANDOMISED CONTROLLED TRIAL.
H Pandit, C Jenkins, D Beard, HS Gill, BEA Marks, AJ Price, CAF Dodd, DW Murray
Nuffield Orthopaedic Centre, Oxford
- 15.44 5-15 YEAR FOLLOW-UP OF MILLER-GALANTE UNICOMPARTMENTAL KNEE
REPLACEMENT IN A DISTRICT GENERAL HOSPITAL
S D Purushothamdas, R Singh, Mr. J A Roberts
Diana Princess of Wales Hospital, Grimsby
- 15.52 **Discussion**
- 16.00 Tea**
- 16.20 to 18.00 AGM**
All members of BASK are invited to attend

7.45pm for 8.15pm Annual Association Dinner – ‘Italian Villa’ Compton Acres

FRIDAY 18TH APRIL – BASK 2008 Annual Meeting

08.30am **REGISTRATION AND COFFEE**

Moderators

Session IV – Patello-Femoral Joint

Simon Donell &

Adrian Harvey

Free Paper Session – Patella and PFJ Kinematics

- 09.00am THE USE OF A TANTALUM-BASED AUGMENTATION PATELLA IN PATIENTS WITH A PREVIOUS PATELLECTOMY
Y Kwong, V Desai
King's Mill Hospital, Mansfield Road, Sutton in Ashfield, Nottinghamshire
- 09.06 MEASUREMENTS OF PATELLA KINEMATICS DURING THE GAIT CYCLE
G Abbas, S L Bali, C E Diss
Department of Biomechanics, Roehampton University, Holybourne Avenue, London SW15 4JD
- 09.12 THE EFFECT OF TOTAL KNEE REPLACEMENT ON THE EXTENSOR RETINACULUM
KM Ghosh, AM Merican, F Iranpour, D Deehan, AA Amis.
Division of Biomechanics. Department of Mechanical Engineering. Imperial College, London
- 09.18 THE EFFECT OF FEMORAL COMPONENT ROTATION ON THE EXTENSOR RETINACULUM OF THE KNEE
KM Ghosh, AM Merican, F Iranpour, D Deehan, AA Amis.
Division of Biomechanics. Department of Mechanical Engineering. Imperial College. London.
- 09.24 THE EFFECT OF PATELLOFEMORAL OVERSTUFF ON THE EXTENSOR RETINACULUM FOLLOWING TOTAL KNEE REPLACEMENT
KM Ghosh, AM Merican, F Iranpour, D Deehan, AA Amis.
Division of Biomechanics. Department of Mechanical Engineering. Imperial College. London.
- 09.30 **Discussion**
- Free Paper Session – PFJ reconstruction**
- 09.45 THE PATELLOTROCHLEAR INDEX: A MORE CLINICALLY RELEVANT MEASUREMENT OF PATELLA HEIGHT?
A J Barnett, M Prentice, V Mandalia, CJ Wakeley, JDJ Eldridge.
Bristol Royal Infirmary, Bristol, BS2 8HW, UK
- 09.51 ACUTE REPAIR OF MEDIAL PATELLOFEMORAL LIGAMENT
B Guhan A S Lee
Royal Cornwall Hospital, Truro
- 09.57 MEDIUM TERM RESULTS OF PATELLOFEMORAL ARTHROPLASTY: A MULTI SURGEON, MULTI IMPLANT STUDY
R Mohammed, A Unnithan, M Bansal, K Durve, T Jimulia, M A Green, D J A Learmonth.
The Royal Orthopaedic Hospital, Birmingham.
- 10.03 RESULTS AND LESSONS FROM 11 YEARS EXPERIENCE WITH THE AVON PATELLOFEMORAL ARTHROPLASTY
CE Ackroyd, JDJ Eldridge, JH Newman
Avon Orthopaedic Centre, Bristol.
- 10.10 **Discussion**
- 10.20 COFFEE**

Moderators

Session V – Basic Science

David Johnson &

Chris Dodd

Free Paper Session – FEA, EMG and Collagen

- 10.40 DEVELOPING AND VALIDATING A UNICOMPARTMENTAL KNEE REPLACEMENT MODEL
DJ Simpson, H Gray, CAF Dodd, DJ Beard, AJ Price, DW Murray, HS Gill.
Nuffield Department of Orthopaedic Surgery, University of Oxford, Oxford, UK.

- 10.46 UNICOMPARTMENTAL KNEE REPLACEMENT – DOES BEARING CONGRUENCY MATTER? A FINITE ELEMENT STUDY.
DJ Simpson, HG Pandit, A Gulati, H Gray, DJ Beard, AJ Price, DW Murray, HS Gill.
Nuffield Department of Orthopaedic Surgery, University of Oxford, Oxford, UK.
- 10.52 A BIOMETRIC AND EMG STUDY OF THE CHARACTERISTICS OF MEDIAL AND LATERAL HAMSTRINGS MUSCLES IN IDIOPATHIC ADOLESCENT ANTERIOR KNEE PAIN
S Patil, L White, A Jones, J Dixon, A Hui
James Cook University Hospital, Middlesbrough
- 10.58 INCREASED TYPE I COLLAGEN IN UNDAMAGED CARTILAGE OF ANTEROMEDIAL OSTEOARTHRITIS OF THE KNEE
S M McDonnell, R Rout, A P Hollander, I M Clark, T Simms, R Davidson, S Dickinson, J Waters, H S Gill, D W Murray, P A Hulley, A J Price
Nuffield Department of Orthopaedic Surgery, University of Oxford, UK
Academic Department of Rheumatology, University of Bristol, UK
University of East Anglia, Norwich, UK
- 11.05 **Discussion**
Free Paper Session – Cartilage repair
- 11.15 CHARACTERIZED CHONDROCYTE IMPLANTATION HAS A SIMILAR SAFETY PROFILE TO MICROFRACTURE FOR THE TREATMENT OF SYMPTOMATIC CARTILAGE DEFECTS OF THE KNEE
D B Saris, J Vanlauwe, J Victor, J Belleman, F P Luyten
University Medical Center Utrecht, The Netherlands, University Hospitals Leuven, Belgium. AZ St Lucas Brugge, Department of Orthopedics, Belgium. Division of Rheumatology, Department of Musculoskeletal Sciences, University Hospitals, Belgium
- 11.21 COMPARISON OF STRUCTURAL REPAIR FOLLOWING CHARACTERIZED CHONDROCYTE IMPLANTATION OR MICROFRACTURE FOR THE TREATMENT OF SYMPTOMATIC CARTILAGE DEFECTS OF THE KNEE
D B Saris, J Vanlauwe, J Victor, J Bellemans, F P Luyten
University Medical Center Utrecht, The Netherlands, University Hospitals Leuven, Belgium. AZ St Lucas Brugge, Department of Orthopedics, Belgium. Division of Rheumatology, Department of Musculoskeletal Sciences, University Hospitals, Belgium
- 11.27 SUCCESSFUL RESULTS FOLLOWING CARTILAGE REPAIR IN THE KNEE USING A NOVEL SYNTHETIC OSTEOCHONDRAL SCAFFOLD.
A Saithna, R Carey Smith, P Thompson, M Dhillon, T Spalding
University Hospital Coventry and Warwick
- 11.33 **Discussion**
Free Paper Session - Miscellaneous
- 11.40 EFFICACY OF HYLAN G-F 20 (SINGLE DOSE) VS. PLACEBO IN PATIENTS WITH KNEE OSTEOARTHRITIS PAIN
Andrew Price¹, Niek C. van Dijk², René Verdonk³, Joerg Jerosch⁴, Xavier Chevalier⁵, François Bailleul⁶, Karel Pavelka⁷
¹Nuffield Orthopaedic Centre, University of Oxford, Oxford, UK; ²AMC/UVA Orthopaedic Research Center, Amsterdam, The Netherlands; ³UZ Gent, Gent, Belgium; ⁴Johanna-Etienne Krankenhaus, Neuss, Germany; ⁵Hôpital Henri Mondor, Creteil, France; ⁶Genzyme Biosurgery, St Germain en Laye, France; ⁷Institute of Rheumatology, Prague, Czech Republic.
- 11.46 A STUDY OF MICROBIAL COLONISATION OF ORTHOPAEDIC TOURNIQUETS.
S M Y Ahmed, R Ahmad, R Case, R F Spencer
Weston General Hospital, U.K.
- 11.52 TEACHING KNEE EXAMINATION TO MEDICAL STUDENTS: A RANDOMIZED CONTROLLED TRIAL COMPARING COMPUTER ASSISTED LEARNING WITH TRADITIONAL BEDSIDE TEACHING.
P Hull, A Chaudhry, M Gohil, A Prasthofer, G Pattison
Warwick Medical School, Warwick University
- 11.58 **Discussion**
- 12.10 **The Wessex Knee Group – Mr Charles Blakeway**

12.30 **PRESENTATION – Presidential Medal**, Awarded by Mr Nick Fiddian President 2006 – 2008 to the author of the ‘**Best Podium Presentation**’ presented at the meeting held in Belfast 2007.

PRESENTATION - Prize awarded for the ‘**Best 2008 Poster Presentation**’

12.35 **LUNCH**

Moderators

Session VI – Aspects of TKR Organisation

*Colin Elser
& Paul Jairaj*

Free Paper Session – Osteotomy

13.15 OPENING WEDGE DISTAL FEMORAL VARUS OSTEOTOMY.
IS IT GOOD ENOUGH?

*A Saithna, R Carey Smith, M Thomas, P Thompson, T Spalding
University Hospital Coventry and Warwickshire NHS Trust*

13.21 INFLUENCE OF PATELLAR HEIGHT ON OUTCOME AFTER MEDIAL OPENING
WEDGE HIGH TIBIAL OSTEOTOMY

T Colman, N Chhaya, T Briggs, J Skinner, R Carrington

Joint Reconstruction Unit, Royal National Orthopaedic Hospital, Stanmore, United Kingdom

13.27 **Discussion**

Free Paper Session – Impact of local systems on TKR

13.31 THE EFFECT OF PRE-OPERATIVE MENTAL HEALTH ON TOTAL AND
COMPARTMENTAL KNEE REPLACEMENT

Walton M.J, Newman J.H

Avon Orthopaedics Centre, Bristol, United Kingdom

13.37 EARLY DISCHARGE AFTER LOWER LIMB ARTHROPLASTY WITH HOME
SUPPORT: EXPERIENCE AT A U.K. DISTRICT GENERAL HOSPITAL

G Thomas, M Faisal, S Young, R Bawale, R Asson, M Ritson

South Warwickshire N.H.S. Trust, Warwick, U.K.

13.43 LOCAL ARTHROPLASTY REGISTER: GOOD VALUE OR UNNECESSARY
DUPLICATION?

J Millington, R Pickard, K S Conn, N D Rossiter, G J Stranks, J M Britton, N P Thomas

Basingstoke and North Hampshire Hospitals NHS Trust

13.49 **Discussion**

Free Paper Session – National Systems and targets

13.55 ARE THE AIMS OF PAYMENT BY RESULTS BEING MET IN ELECTIVE LOWER
LIMB ARTHROPLASTY?

T Halsey, P Nicolai, M Porteous

West Suffolk Hospital, Bury St Edmunds

14.01 CLINICAL CODING & REIMBURSEMENT ISSUES IN KNEE SURGERY

S Maret, NS Harshavardhana, A Dhir, A Sahu, C Olyslaegers, RH Hartley,

Orthopaedic Directorate, Royal Bournemouth Hospital, Bournemouth; UK

14.07 **Discussion**

14.15 **TEA**

Moderators

Session VII – Arthroscopic and Ligament Surgery

*Phil Hirst
& Neil Thomas*

Free Paper Session – Meniscal Surgery

14.30 LOCAL ANAESTHESIA FOLLOWING KNEE ARTHROSCOPY: RANDOMISED,
DOUBLE BLINDED, CONTROLLED TRIAL COMPARING INTRA-ARTICULAR
VERSUS PORTAL INFILTRATION OF 0.5% BUPIVICAINE.

DN Townshend, KP Emmerson, SM Jones, PF Partington, SD Muller.

Alnwick Infirmary, Northumberland.

- 14.36 SHOULD EXTENDED SCOPE PHYSIOTHERAPISTS PLACE PATIENTS DIRECTLY ON ARTHROSCOPY LISTS?
C Meyer, A Kotecha, S Kakati, T Crichlow
Princess Royal hospital, Telford
- 14.42 MENISCAL PRESERVATION USING ALL-INSIDE MENISCAL REPAIR DEVICES: OUR RESULTS.
S Konan, FS Haddad
University College Hospital, London.
- 14.48 **Discussion**
- Free Paper Session – Long-term aspects of ACL**
- 14.54 THE DEMOGRAPHICS OF ACL INJURY OVER A TWELVE YEAR PERIOD: IS SKIING TO BLAME FOR THE CHANGES?
M Freudmann, S R Bollen
Bradford Teaching Hospitals NHS Trust
- 15.00 ENDOSCOPIC SINGLE-BUNDLE POSTERIOR CRUCIATE LIGAMENT RECONSTRUCTION: RESULTS AT MINIMUM 10-YEAR FOLLOW-UP
WFM Jackson¹, WM van der Tempel², LJ Salmon¹, HA Williams¹, LA Pinczewski¹
¹North Sydney Orthopaedic and Sports Medicine Centre, Sydney Australia
²University Medical Center Groningen, The Netherlands
- 15.06 **Discussion**
- Free Paper Session – ACL Reconstruction**
- 15.10 TUNNEL WIDENING IN ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION USING A LOW SUSPENSORY FEMORAL FIXATION SYSTEM.
*A Ajuied, A Carlos, A Kumar**Queen Elizabeth Hospital,*
Woolwich
- 15.16 BILATERAL SIMULTANEOUS ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION: A SAFE OPTION
Saithna, J Arbuthnot, R Carey Smith, M Thomas, T Spalding
University Hospital Coventry and Warwick
- 15.22 ACCESSORY BANDS OF THE HAMSTRINGS IN RELATION TO ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION: AN ANATOMICAL STUDY
M N Yasin, M Y O Garrick, P M Phaltankar
Department of Orthopaedics, North Manchester General Hospital, Crumpsall, Manchester.
- 15.28 **Discussion**
- Free Paper Session – Technical Considerations**
- 15.33 A RADIOSTEREOMETRIC ANALYSIS OF KNEE LAXITY, GRAFT STRETCHING AND FIXATION SLIPPAGE AFTER ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION
R Khan, A Konyves, KR Boddu Siva Rama, R Thomas, A Amis
Imperial College, London
- 15.39 POLY LACTIDE CARBONATE (PLC) INTERFERENCE SCREWS IN KNEE LIGAMENT RECONSTRUCTION SURGERY.
S Konan, FS Haddad
University College Hospital, London, UK.
- 15.45 WHERE TO PUT THE TUNNELS FOR ANATOMIC, TWO-BUNDLE ACL RECONSTRUCTION?
J Robinson, P Colombet, P Christel, J-P Francheschi, P Djian, G Bellier, A Sbihi
Anatomic ACL reconstruction Study Group
- 15.52 **Discussion**
- 16.00 **Closing Remarks – Nick Fiddian, President**

Close of meeting - Tea & Coffee