

BASK SPRING MEETING 2010

EXAMINATION SCHOOLS, OXFORD

THURSDAY 25th March

09.00 am REGISTRATION & COFFEE

10.00am INTRODUCTION – Chris Dodd, President & Andrew Price, Oxford Hosts

Session I - Total Knee Arthroplasty

Moderators - Gautam Chakrabarty & Tim Wilton

Free Paper Session:- TKR Outcome Factors

10.10am THE ROLE OF HYDROXYAPATITE IN THE POST-OPERATIVE OUTCOME AFTER CEMENTLESS TOTAL KNEE ARTHROPLASTY.

LA Cusick, J Monk, J Boldt, DE Beverland

Outcomes Unit, Musgrave Park Hospital, Belfast

10.16 A PROSPECTIVE RANDOMISED CONTROLLED TRIAL OF MINIMALLY INVASIVE AND STANDARD SURGICAL TOTAL KNEE ARTHROPLASTY; EARLY RESULTS

A J B Tasker, M Hassaballa, J Murray, W Harries, A J Porteus

Avon Orthopaedic Centre, Bristol, UK

10.22 COMPARISON OF CRUCIATE SACRIFICING AND CRUCIATE RETAINING PFC SIGMA TKR – 683 KNEES MINIMUM TWO-YEAR FOLLOW-UP.

M Blyth¹, I Stother¹, P A May¹, W.J.Leach², E Crawford³, S Brown³, P James⁴ & W Gerrard Tarpey⁴.

Glasgow Royal Infirmary¹, Western Infirmary, Glasgow², Northampton General Hospital³, Nottingham City Hospital⁴, U.K.

10.28 Discussion

Free Paper Session:- TKR Outcome

10.34 A COMPARISON OF COMPUTER NAVIGATION TO EXTRAMEDULLARY GUIDE TECHNIQUES USED TO PRODUCE POSTERIOR TIBIAL SLOPE FOR TOTAL KNEE ARTHROPLASTY.

¹GA Higgins; ¹PRT Kuzyk; ¹JW Tunggal; ¹JP Waddell; +¹EH Schemitsch

¹Department of Orthopaedic Surgery, St. Michael's Hospital, University of Toronto, Canada

10.40 REVIEW OF 2440 CEMENTED ANATOMICAL AGC TOTAL KNEE REPLACEMENTS AT A SINGLE INSTITUTION - REVISION RATES AND FUNCTIONAL OUTCOME SCORES

S. Cockshott, D. Adams, S. Carter, L. Jeys, P. Pynsent

Royal Orthopaedic Hospital, Lower Limb Arthroplasty, Birmingham, United Kingdom

10.46 THE DEMOGRAPHIC INFLUENCE ON OXFORD KNEE SCORING: FACT OR FICTION?

B. El-Osta, A. Cook, A. Ghos, M. Andrews

Scarborough General Hospital

10.52 Discussion

Session II - Total Knee Arthroplasty

Moderators - Phil Hirst & Richard Parkinson

Free Paper Session:-General TKR

10.58 KNEE ARTHROPLASTY: TRENDS IN LITIGATION IN THE PAST 5 YEARS WITHIN THE UK HEALTHCARE MODEL

M A Bhutta, M S Arshad, S Hassan & J J Henderson.

Royal Bolton Hospital NHS Foundation Trust

- 11.04 **EARLY DEATHS FOLLOWING KNEE REPLACEMENT**
M Parry, V Wylde, A Blom
University Department of Orthopaedic Surgery, Southmead Hospital, Bristol
- 11.10 MODIFIED SURGICAL TECHNIQUE FOR VALGUS KNEE DEFORMITY IN TOTAL
KNEE ARTHROPLASTY. A PROSPECTIVE STUDY OF 276 KNEES.
R Pagoti, S O'Brien, E Doran, D Beverland
Primary Joint Unit, Musgrave Park Hospital, Belfast
- 11.16 FACTORS DETERMINING LENGTH OF STAY AFTER A PRIMARY TOTAL KNEE
REPLACEMENT IN PATIENTS AGED OVER 75
¹SC Mertes, ¹S Raut and ¹V Khanduja
¹Department of Trauma & Orthopaedics, Addenbrooke's – Cambridge University Hospitals
NHS Foundation Trust, Cambridge, UK
- 11.22 **Discussion**
- Free Paper Session:-General TKR**
- 11.30 PATELLAR TRACKING IN MOBILE BEARING AND FIXED BEARING TOTAL KNEE
REPLACEMENTS, A CADAVERIC STUDY
G. Heinert, D. Kendoff, T.Gehrke, S.Preiss, P.Sussmann
Schulthess Klinik, Zürich, Endo-Klinik, Hamburg
- 11.36 A MULTIMODAL REGIME ALLOWING EARLY MOBILISATION AND DISCHARGE
FOLLOWING TOTAL KNEE ARTHROPLASTY
A W G Kinninmonth, D McDonald, R Siegmeth, H Monaghan, A H Deakin, N Scott
Golden Jubilee National Hospital, Clydebank, Scotland
- 11.42 DOES BARIATRIC SURGERY REDUCE COMPLICATION RATES OF KNEE
ARTHROPLASTY IN SUPER OBESE PATIENTS?
Kulkarni A¹, Jameson SS¹, James P², Woodcock S³, Reed MR¹
¹Department of Orthopaedics, Northumbria Healthcare NHS Foundation Trust
²CHKS Health Data Analysis Limited
³Department of Surgery, Northumbria Healthcare NHS Foundation Trust
- 11.48 THE EFFECT OF INTENSIVE REHABILITATION ON LENGTH OF STAY FOLLOWING
TOTAL KNEE ARTHROPLASTY IN A UK SETTING
RSG Mierlo, SBM MacLean, GJ McLauchlan, W Simpson
*Chorley and South Ribble General Hospital, Lancashire Teaching Hospitals NHS Foundation
Trust, Sharoe Green Lane, Preston. UK. PR2 9HT*
- 11.54 **Discussion**

Moderators – Colin Esler & Andrew Price

- 12.05 Guest Lecture:- **Professor David Murray – Oxford, UK**
“*Understanding Registers*”.
- 12.40 **LUNCH - (North & East Schools - Exhibition Areas)**

Session III - Cartilage & Meniscus

Moderators - Simon Donell & David Johnson

Free Paper Session:-

- 13.45 2 YEAR EXPERIENCE OF TRUFIT OSTEOCHONDRAL PLUGS FOR ARTICULAR
CARTILAGE DEFECTS OF THE KNEE
N. Verghese, S. Joshy, M. Cronin, M. C. Forster, A. Robertson
University Hospital of Wales, Cardiff, South Wales
- 13.51 APOPTOSIS AND REACTIVE OXYGEN SPECIES – POSSIBLE TARGETS FOR
TREATMENT OF OSTEOARTHRITIS SHOWN IN ANTEROMEDIAL GONARTHROSIS
R Rout, S M McDonnell, Z Xia, D Murray, P A Hulley, A J Price
*Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences.
NIHR Musculoskeletal Biomedical Research Unit*

13.57 DIAGNOSTIC IMAGING AT 2-YEARS FOLLOW-UP OF TREATMENT OF PAINFUL, IRREPARABLE, PARTIAL MENISCUS TISSUE LOSS WITH A SYNTHETIC, BIODEGRADABLE SCAFFOLD
P Verdonk[§], W Huysse[‡], R Verdonk^{§*}
[§]Department of Orthopaedic Surgery, Ghent University Hospital, Belgium
[‡]Department of Radiology, Ghent University Hospital, Belgium

14.03 A SINGLE STAGE PROCEDURE FOR CELL-BASED CARTILAGE REPAIR: 24 MONTH RESULTS FROM A PILOT STUDY.
F. Almqvist¹, T. Spalding², M. Brittberg³, S. Nehrer⁴, A. Imhoff⁶, J. Farr⁶, B.J. Cole⁷.
¹Ghent University Hospital, Gent, Belgium; ²Hospital of St Cross, Warwickshire, England;
³Kungsbacka Hospital, Kungsbacka, Sweden; ⁴Krankenhaus Krems, Krems, Austria;
⁵Abteilung und Poliklinik für Sportorthopädie, München, Germany; ⁶OrthoIndy, Indianapolis, IN; ⁷Rush University Medical Center, IL.

14.09 **Discussion**

Moderators - Chris Dodd & Phil Hirst

14.20 Guest Lecture:- **Prof Andrew Carr, Oxford, UK**
“Outcome measures: Implications for Orthopaedic surgeons”

15.20 **TEA - (North & East Schools - Exhibition Areas)**

Session IV - Total Knee Arthroplasty

Moderators - Gautam Chakrabarty & Phil Hirst

Free Paper Session:-

15.50 WHAT PROPORTION OF KNEE SURGERY PRACTICE IS OSTEOARTHRITIS AND ARE WE TREATING IT CORRECTLY?
NJ Bottomley, B.J.L Kendrick, J Ferguson, S Al-Ali, CAF Dodd, DW Murray, DJ Beard, AJ Price
*Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences
NIHR Biomedical Research Unit into Musculoskeletal Disease, Botnar Research Centre,
Nuffield Orthopaedic Centre, Oxford*

15.56 THE COST OF INVESTIGATION OF A PATIENT WITH A PAINFUL TOTAL KNEE REPLACEMENT
AM Kassam, AD Toms, B Hopwood, R Stroud
Royal Devon and Exeter NHS Foundation Trust

16.02 TOPICAL APPLICATION OF TRANEXAMIC ACID IN PRIMARY TOTAL KNEE REPLACEMENT- RANDOMISED CONTROLLED TRIAL
P Sharda, S Alshryda, A Shetty, P Kalia, A Nargol, S Maheswaran,
University Hospital of North Tees, Stockton on Tees

16.08 **Discussion**

16.16 AGGRESSIVE EARLY DEBRIDEMENT CAN BE SUCCESSFUL FOR INFECTED TOTAL KNEE ARTHROPLASTY
M Sukeik, M Dobson, A Bridgens, F S Haddad
University College London Hospital

16.22 THE EFFECT OF THE TIMING OF ANTIBIOTIC THERAPY ON THE MICROBIOLOGY RESULTS AND CLINICAL OUTCOME OF SEPTIC ARTHRITIS OF THE NATIVE AND PROSTHETIC KNEE
P Hindle, L C Biant
Trauma and Orthopaedic Unit, The Royal Infirmary of Edinburgh

16.28 CHANGING ANTIBIOTIC PROPHYLAXIS FOR JOINT ARTHROPLASTY AFFECTS THE RATES OF CLOSTRIDIUM DIFFICILE, RENAL FAILURE, PNEUMONIA AND BACTERIAL SPECTRUM
T Symes, S Srinivas, T Oswald, S Muller, M Reed
Wansbeck General Hospital, Ashington, Northumberland

16.34 **Discussion**

16.45 – 18.00 **AGM**
All members of BASK are invited to attend

7.45pm for 8.15pm BASK Annual Dinner at Trinity College

FRIDAY 26th March

Day-Two - BASK 2010 Annual Meeting

08.15 am

COFFEE

Session V – Uni Compartmental Arthroplasty

Moderators - Colin Esler & Richard Parkinson

Free Paper Session:-

- 08.45 am** MOBILE BEARING LATERAL UNICOMPARTMENTAL KNEE REPLACEMENT
H Pandit, C Jenkins, HS Gill, D Beard, AJ Price, CAF Dodd, DW Murray
Nuffield Orthopaedic Centre, Oxford
- 08.51 THE ROLE AND EFFICACY OF MEDIAL UNICOMPARTMENTAL KNEE REPLACEMENT FOR PARTIAL THICKNESS CARTILAGE DAMAGE
A. Gulati, H. Pandit, H S Gill, A J Price, C A F Dodd, D W Murray
Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal sciences, Nuffield Orthopaedic Centre, Oxford
- 08.57 ARE KOZINN-SCOTT CONTRA-INDICATIONS CORRECT FOR A MOBILE BEARING UNICOMPARTMENTAL KNEE REPLACEMENT?
H Pandit, C Jenkins, S Weston-Simons, J Ferguson, B M Popat, M Gibbons Jr, AJ Price, HS Gill, CAF Dodd, DW Murray
Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, Nuffield Orthopaedic Centre, Oxford
- 09.03 **Discussion**
- 09.10 EVALUATION OF ARTHROSCOPY FOR THE PAINFUL UNICOMPARTMENTAL KNEE REPLACEMENT
J M Owen, A. Tong, V. Mandalia, M. Cronin, J. Waite & S. Deo
Great Western Hospital, Marlborough Road, Swindon
- 09.16 THE TWIN PEG OXFORD PARTIAL KNEE REPLACEMENT – CLINICAL AND RADIOLOGICAL RESULTS
S H White, S J Roberts, P W Jones
The Robert Jones & Agnes Hunt Orthopaedic & District Hospital NHS Trust Oswestry, Shropshire
- 09.22 MEDIUM TERM OUTCOME OF MEDIAL UNI-COMPARTMENTAL REPLACEMENT MOBILE OR FIXED BEARING, IS THERE A DIFFERENCE?
M Hassaballa, N J Artz , A Porteous, J Robinson, J Murray
Bristol Knee group, Avon Orthopaedic centre, Bristol, UK
- 09.28 **Discussion**

Session VI – Total Knee Arthroplasty

Moderators - Chris Dodd & Tim Wilton

Free Paper Session:-

- 09.34 CEMENTLESS FIXATION OF UNICOMPARTMENTAL KNEE REPLACEMENT DECREASES RADIOLUCENCY AT TWO YEARS
BJL Kendrick, H Pandit, C Jenkins, DJ Beard, HS Gill, AJ Price, CAF Dodd, DW Murray
Nuffield Department of Orthopaedics Rheumatology and Musculoskeletal Science Nuffield Orthopaedic Centre, University of Oxford, Oxford
- 09.40 AN IN-VIVO STUDY OF LINEAR PENETRATION IN THE OXFORD UNICOMPARTMENTAL KNEE ARTHROPLASTY AT TWENTY YEARS
BJL Kendrick¹, DJ Simpson¹, NJ Bottomley¹, BL Kaptein², EH Garling², HS Gill¹, CAF Dodd¹, DW Murray¹, AJ Price¹
¹*Nuffield Department of Orthopaedics Rheumatology and Musculoskeletal Science Nuffield Orthopaedic Centre, University of Oxford, Oxford*
²*Department of Orthopaedics, Leiden University Medical Center, P.O. Box 9600 RC Leiden 2300, The Netherlands*
- 09.46 OUTCOME OF OXFORD MEDIAL UNICOMPARTMENTAL KNEE REPLACEMENT AND ABILITY TO KNEEL IN A PROSPECTIVE SERIES OF PATIENTS OVER 70 YEARS OF AGE IN A DISTRICT GENERAL HOSPITAL
RG Pennington, L Naik, D Diab and P Allen
Department of Trauma and Orthopaedics, Princess Royal University Hospital, Farnborough Common, Kent

- 09.52 THE IMPACT OF BODY MASS INDEX ON THE OUTCOME OF THE UNICOMPARTMENTAL KNEE ARTHROPLASTY
J Ferguson, H Pandit, A Price, B Marks, H Gill, D Murray, C Dodd
Nuffield Orthopaedic Centre
- 09.58 **Discussion**
- 10.04 MID-TERM RESULTS OF THE PFC SIGMA ROTATING PLATFORM KNEE REPLACEMENT
H Bhatt, G Walsh, G Chakrabarty
Huddersfield Royal Infirmary, Lindley, Huddersfield, West Yorkshire. HD3 3EA
- 10.10 THE LOW CONTACT STRESS MOBILE BEARING TOTAL KNEE REPLACEMENT-INDEPENDENT LONG TERM 10YR RESULTS
N Aslam, F Chaudhry, N Rouholamin, E Rouholamin
Worcestershire Royal Hospital
- 10.16 A COMPARISON OF OUTCOME BETWEEN ROTATING PLATFORM AND FIXED BEARING POSTERIOR STABILISED TKR- MINIMUM 5 YEAR FOLLOW-UP.
P J James¹, P A May², W Gerrard Tarpey¹, M Blyth² and I G Stother²
Nottingham City Hospital¹ and Glasgow Royal Infirmary², UK
- 10.22 **Discussion**
- 10.30 COFFEE - (North & East Schools - Exhibition Areas)**

Moderators - Chris Dodd & Tim Spalding

- 11.00** Guest Lecture:- *Dr Charlie Brown, Abu Dhabi*
Anatomic ACL Surgery: What is it? How to do it. Where is it going?

Session VII - ACL Reconstruction

Moderators - Dr Charles Brown & David S Johnson

- 12.00 Free Paper Session:-**
PROPRIOCEPTION FOLLOWING ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION
O Al-Dadah, L Shepstone, S T Donell.
Norfolk and Norwich University Hospital and University of East Anglia, Norwich
- 12.06 POOR RESULTS AFTER ALLOGRAFT ACL RECONSTRUCTION WITH CHEMICALLY PREPARED TISSUE
V Shanbhag, G Edwards, K Veravalli, AP Davies
Morrison Hospital, Swansea, SA6 6NL
- 12.12 FEMORAL TUNNEL POSITION IN ACL RECONSTRUCTION – ARE WE ANATOMICAL? A CRITICAL ANALYSIS USING 3D CT SCANS
TJW Spalding, P Thompson, G Clewer, J Bird, N Smith, M Dhillon.
Dept Orthopaedic Surgery, University Hospital Coventry and Warwickshire, England
- 12.18 Discussion
- 12.24 INCIDENCE OF MENISCAL AND CHONDRAL INJURIES AT THE TIME OF ACL RECONSTRUCTION, AND THEIR RELATIONSHIP WITH OUTCOME AT 2 YEARS.
D W Lewis, D Chan, O Fisher, R Lechford, W J Mintowt-Czyz, M W D Lewis
Royal Gwent Hospital, Newport
- 12.30 ACL RECONSTRUCTION – CURRENT UK PRACTICE
S Anand, A Sahu, D Johnson, P Turner
Stockport Knee Unit, Manchester
- 12.36 RESULTS OF DELAYED ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION
M Nagy, S Munshi, G Rathore, N Baqai
Furness General Hospital, Barrow In Furness, UK
- 12.42 Discussion

- 12.50 **Presentation of Presidential Medal 2008 – 2009**
Awarded by Mr Chris Dodd President, 2008 – 2010, to the author of the 'Best Podium Presentation' presented at a meeting held in 2008 or 2009.
- Presentation – Prize awarded for the 'Best 2010 Poster Presentation'.**
- 13.00 **LUNCH - (North & East Schools - Exhibition Areas)**

Session VIII – PF Joint & Miscellaneous
Moderators - Simon Donell & Andrew Price

Free Paper Session:-

- 14.00 THE EFFECT OF UNCEMENTED TOTAL KNEE ARTHROPLASTY ON THE MARKERS OF INFLAMMATION AND OF ENDOTHELIAL FUNCTION
K Cheng¹, J Westwater¹, J Thomas¹, A Rumley², G Lowe², A Campbell¹
 1. Trauma & Orthopaedic Department, Monklands Hospital, Airdrie, Scotland
 2. Division of Cardiovascular & Medical Sciences, Western Infirmary, Scotland
- 14.06 TROCHLEAR DYSPLASIA – THE NATURAL HISTORY AND MANAGEMENT OF LATE STAGE DISEASE.
J.H.Newman,
Avon Orthopaedic Centre, Bristol.
- 14.12 THE INFRAPATELLAR BRANCH OF THE SAPHENOUS NERVE – ANATOMICAL COURSE AND RELATIONSHIPS
²H Shahin H, ²HD Suhani, ²Q Lydia, ²N Nair & ¹V Khanduja
¹Department of Trauma & Orthopaedics, Addenbrooke's – Cambridge University Hospitals NHS Trust & ²Department of Anatomy, Kasturba Medical College and Hospital, Manipal, India
- 14.18 **Discussion**
- 14.24 TREATMENT OF PATELLOFEMORAL ARTICULAR CARTILAGE LESIONS WITH CHONDROCELECT® IN A COMPASSIONATE USE PROGRAMME
K.F. Almqvist¹, J. Vanlauwe², D. Saris³, J. Victor⁴, P. Verdonk¹, J. Bellemans², R. Verdonk¹
¹Gent University Hospital, Dept. of Orthopaedic Surgery and Traumatology, Gent, Belgium, ²University Hospitals Leuven, Orthopedics, Pellenberg, Belgium, ³University Medical Centre Utrecht, Department of Orthopaedics, Utrecht, Netherlands, ⁴St Lucas Bruges, Bruges, Belgium
- 14.30 MEDIAL PATELLOFEMORAL LIGAMENT RECONSTRUCTION WITH SEMITENDINOSIS AUTOGRAFT MINIMUM 2 YEAR (MIDTERM) FUNCTIONAL RESULTS
LJA van Niekerk, S Papapalexandris, K Dogiparthi
Centre for Sports Injury Surgery, Friarage and BMI Woodlands Hospitals, North Yorkshire & Co Durham, UK
- 14.36 FUNCTIONAL OUTCOME AFTER MEDIAL PATELLOFEMORAL LIGAMENT RECONSTRUCTION WITH HAMSTRING AUTOGRAFT FOR PATELLAR INSTABILITY
S Papapalexandris, K Dogiparthi, L Van Niekerk
Centre for Sports Injury Surgery, Friarage and BMI Woodlands Hospitals, North Yorkshire & Co Durham, UK
- 14.42 ANTERO-MEDIALISATION OF THE TIBIAL TUBERCLE, COMBINED WITH MICROFRACTURE / ABRASION ARTHROPLASTY FOR PATELLO-FEMORAL ARTHRITIS IN THE YOUNGER PATIENT – A JOINT PRESERVING ALTERNATIVE TO REPLACEMENT ARTHROPLASTY
A Sheeraz, L Hamilton, P Allen
Princess Royal University Hospital, Farnborough Common, Orpington, Kent.
- 14.48 **Discussion**
- 14.54 **Free Paper Session:- Miscellaneous**
- ROTATING HINGE PROSTHESIS FOR PRIMARY AND SALVAGE REVISION TOTAL KNEE REPLACEMENTS
A Hay-David, J S McConnell, H Bhinda, A Greer A.
Department of Trauma & Orthopaedics, Southend University Hospital, Essex, UK.

- 15.00 THE MEDIUM TERM SURVIVAL OF REVISION KNEE REPLACEMENTS
PERFORMED IN A TERTIARY REFERRAL UNIT
B Youssef, M Revell, C McBryde, P Pynsent.
The Royal Orthopaedic Hospital NHS Trust, Birmingham, United Kingdom.
- 15.06 A SHORT TERM CLINICAL AND RADIOGRAPHIC REVIEW OF MEDIAL HIGH
TIBIAL OPENING WEDGE OSTEOTOMY
S Hook, J Melton, A J Wilson, F Wandless, N P Thomas.
Basingstoke and North Hampshire Hospital
- 15.12 **Discussion**
- 15.15 **Closing Remarks – Mr Chris Dodd, President**
- 15.30 **Close of Meeting - Tea & Coffee**