



10<sup>th</sup> May 2013

The Royal Marines  
Museum  
Portsmouth

# **COMBINED SERVICES ORTHOPAEDIC SOCIETY**

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Surgeon Commander TP Coltman  
Surgeon Commander CJ Hand**

**On behalf of the organizing committee for the Annual Meeting of the Combined Services Orthopaedic Society we would like to welcome you all The Royal Marines Museum, Portsmouth.**

**We hope you will find the 2013 meeting enjoyable and interesting.**

# **CSOS PROGRAMME 2013**

**Registration** **From 0800**

**Welcome and Administration** **0830-0835**

**Session 1: War Surgery** **0835-1000**

**Moderator** **Lt Col Hobbs**

## **INJURIES AND OUTCOMES: UK MILITARY CASUALTIES FROM IRAQ AND AFGHANISTAN 2003-2012**

<sup>1,3</sup>JG Penn-Barwell, <sup>2</sup>JRB Bishop, <sup>1</sup>S Roberts, <sup>1,3</sup>M Midwinter, <sup>1</sup>Academic Department of Military Surgery and Trauma, Royal Centre for Defence Medicine (RCDM), Birmingham, UK, <sup>2,3</sup>Clinical Trials Unit, University of Birmingham, <sup>3</sup>National Institute for Health Research (NIHR), Surgical Reconstruction & Microbiology Research Centre (SRMRC), Birmingham, UK

## **ACUTE BILATERAL LEG AMPUTATION FOLLOWING COMBAT INJURY - THE UK EXPERIENCE 2004-2010**

<sup>1,2</sup>JG Penn-Barwell <sup>1</sup>PM Bennett <sup>1</sup>A Kay <sup>1</sup>ID Sargeant <sup>1</sup>Academic Department of Military Surgery and Trauma, Royal Centre for Defence Medicine (RCDM), Birmingham, UK  
<sup>2</sup>Institute of Naval Medicine, Gosport, Hampshire, UK  
On behalf of the Severe Lower Extremity Combat Trauma (SeLECT) Study Group.

## **CASE SUITABILITY FOR DEFINITIVE THROUGH KNEE AMPUTATION FOLLOWING LOWER EXTREMITY BLAST TRAUMA: ANALYSIS OF 146 COMBAT CASUALTIES, 2008 - 2010**

J.A.G. Singleton, N.M. Walker, I.E. Gibb, A.M.J. Bull and J.C. Clasper  
The Royal British Legion Centre for Blast Injury Studies at Imperial College London

## **THE EPIDEMIOLOGY OF TRAUMATIC AMPUTATIONS**

Major Neil M Walker RAMC, Major J Singleton RAMC, Colonel J Clasper L/RAMC  
The Royal British Legion Centre for Blast Injury Studies, Imperial College London

## **THE CHANGING PATTERN OF AMPUTATIONS**

<sup>1</sup>Brown KV, <sup>1</sup>Clasper JC <sup>1</sup>Academic Department of Military Surgery and Trauma, Birmingham.

**SEVERE OPEN FEMORAL FRACTURES IN COMBAT TRAUMA - MANAGEMENT AND PRELIMINARY OUTCOMES**

P.M. Bennett<sup>1,2</sup>, I.D. Sargeant<sup>1</sup>, J.G. Penn-Barwell<sup>1,2</sup>, Academic Department of Military Surgery and Trauma, Royal Centre for Defence Medicine (RCDM), Birmingham, UK <sup>2</sup> Institute of Naval Medicine, Gosport, Hampshire, UK

**INFECTION AFTER COMBAT-RELATED LIMB TRAUMA**

Maj NM Walker RAMC, Gp Capt AD Green RAF, WO J McKinnon RAF, Wg Cdr JM Kendrew RAF, Colonel J Clasper L/RAMC, The Royal British Legion Centre for Blast Injury Studies Imperial College London

**THE EVALUATION OF AN ABDOMINAL AORTIC TOURNIQUET FOR THE CONTROL OF PELVIC & LOWER LIMB HAEMORRHAGE.**

Taylor DM, Coleman M, Parker PJ.

**SURGICAL TRAINING PLANNING FOR FUTURE OPERATIONS**

DJ Cloke, J Clasper, SA Stapley, Limb Trauma Working Group ADMST 201 Field Hospital (V)

**Coffee Break and Trade Stands 1000-1030**

**Session 2: Basic Science/Miscellaneous 1030-1140**

**Moderator Wing Cdr Kendrew**

**COMPARISON OF IN VIVO CORONAL PLANE PATELLA TRACKING FOLLOWING KNEE ARTHROPLASTY USING THE MAUS TECHNIQUE**

Monk, A P; Chen, M; Mellon, S; Gibbons, M; Beard, D J; Murray, D W; Gill, H S NDORMS, Botnar Research Centre, Windmill Road, Headington, OX3 7LD

**ROBOT ASSISTED JOINT PRESERVING RECONSTRUCTION OF OSTEOARTICULAR BATTLEFIELD DAMAGE: 3 CASES**

Prof. Justin P Cobb Chair, Section of Orthopaedics Imperial College London

**ANTIBIOTIC PROPHYLAXIS IN OPEN FRACTURES OF THE LOWER LIMB**

Wordsworth M, Lawton G, Simmonds J & Hettiaratchy S Orthoplastics Department, Charing Cross Hospital, Imperial College Healthcare NHS Trust.

**CEMENTING WITH A HEATSINK: A BOVINE MODEL**

E Spurrier, M Latimer MDHU Peterborough

**VIABILITY OF CHONDROCYTES SEEDED ONTO A COLLAGEN I/III MEMBRANE FOR MATRIX-ASSISTED AUTOLOGOUS CHONDROCYTE IMPLANTATION**

P Hindle<sup>1,2</sup>, LC Biant<sup>1</sup>, AC Hall<sup>2,1</sup> Trauma and Orthopaedic Department, The Royal Infirmary of Edinburgh <sup>2</sup> Centre for Integrative Physiology, The University of Edinburgh

**PLASMA CYTOKINES AND TISSUE GENE EXPRESSION IN A PRE-CLINICAL RANDOMISED TRIAL OF EXTREMITY WAR WOUND DRESSINGS**

H.C.Guthrie K.R.Martin C.Taylor A.Spear J.C.Clasper S.A.Watts

Department of Biomedical Sciences, Defence Science and Technology Laboratory, Porton Down

**RATE-DEPENDENT MATERIAL PROPERTIES OF THE PORCINE STIFLE JOINT LCL**

TJ Bonner, N Newell, AD Pullen, AMJ Bull, SD Masouros

Imperial College, London

**Guest Lecture** **1140-1210**

**Prof Keith Willett**

**CSOS business meeting** **1210-1240**

**Lunch and Trade stands** **1200-1400**

**Session 3** **1400-1530**

**Moderator** **Surg Cdr Stapley**

**THE LATARJET PROCEDURE FOR ANTERIOR SHOULDER INSTABILITY: A PROSPECTIVE SERIES OF 50 CONSECUTIVE PATIENTS.**

P.M. Guyver, M.D. Franklin, J. Bakker-Dyos, A.J. Murphy  
Trauma and Orthopaedics, Plymouth Hospitals NHS Trust

**FEMORAL ACETABULAR IMPINGEMENT: THE SEX AND AGE LINKED DISTRIBUTION OF ALPHA ANGLES IN 400 PRE-OSTEOARTHRITIC ASYMPTOMATIC HIPS.**

Heil KM\*, Keenan ACM\*\*, Pen-Barwell J\*\*\*, Wood AM\*\*\*, \* Royal Marines Reserve Scotland, 37-51 Birkmyre Road, Govan, Glasgow G51 3JH \*\* 205(V) Field Hospital \*\*\* Institute of Naval Medicine

**DECORTICATION AND OSTEOTOMY FOR THE CORRECTION OF MULTIPLANAR DEFORMITY IN ADULT FEMORAL DIAPHYSEAL FRACTURE MALUNION. A CASE SERIES AND TECHNIQUE DESCRIPTION.**

S. Middleton<sup>1</sup>, M. Norton<sup>1</sup>, <sup>1</sup>Department of Trauma and Orthopaedics, Royal Cornwall Hospital

**RIB FRACTURE FIXATION AND DURATION OF VENTILATORY SUPPORT: – A SINGLE CENTRE EXPERIENCE.**

Sellers EL<sup>1</sup>, Fearon PV<sup>2</sup>, Ripley C<sup>3</sup>, Vincent A<sup>4</sup>, Barnard SP<sup>5</sup>, Williams JR<sup>2</sup>  
Trauma and Orthopaedic Unit Royal Victoria Infirmary, Newcastle upon Tyne

**THE EPIDEMIOLOGY, MORBIDITY AND OUTCOME OF FRACTURES IN RUGBY UNION FROM A STANDARD POPULATION**

Robertson G\*, Wood AM\*\*, Heil K\*\*\*, Keenan ACM\*\*\*\*, Aitken SA\*, Court-Brown C\*

\* Edinburgh Trauma Unit, Royal Infirmary of Edinburgh \*\* Institute of Naval Medicine \*\*\*

Royal Marine Reserve Scotland \*\*\*\* 205 Field Hospital RAMC (V)

**BOOZING AND BONES: PATIENTS SELF REPORTING EXCESS ALCOHOL CONSUMPTION SUSTAIN MORE SEVERE FRACTURES AT A YOUNGER AGE.**

Trudeau T\*, Wood AM\*\*, Keenan ACM\*\*\*, Aitken SA\*, Court-Brown C\* \*Trauma Unit,

Royal Infirmary of Edinburgh. \*\* Institute of Naval Medicine, \*\*\* 205 Field Hospital RAMC

(V)

**A REVIEW OF A CONSECUTIVE SERIES OF TRAUMA ADMISSIONS TO ITU AND OF THE AMBULANCE SERVICE AND THEIR INITIAL ASSESSMENT OF THESE PATIENTS**

Dr. Nadia Randazzo, Capt. David Hindmarsh, Prof. Sir. Keith Porter, Queen Elizabeth Hospital Birmingham.

**SERVICE IMPACT AND CLINICAL OUTCOMES OF IMPLEMENTATION OF THE 2011 NICE GUIDELINES REGARDING FRACTURED NECK OF FEMUR IN HIGH FUNCTION PATIENTS.**

Rodger M, Armstrong A, Hubble M, Refell A, Charity J, Howell J, Wilson M, Timperley J

Exeter Hip Unit, Princess Elizabeth Orthopaedic Centre, Royal Devon and Exeter Hospital

**OUTCOMES FOLLOWING SCARF OSTEOTOMY FOR HALLUX VALGUS CORRECTION**

E Matthews, O Aiyenuro, S L Hodgkinson, I Lasrado, L B Cannon, A J L Jowett, Queen

Alexandra Hospital, Portsmouth

**Tea and Trade Stands 1530-1600**

**Phillip Fulford Memorial Lecture 1600-1630**

**Getting it Right First Time - Enhancing the Care of  
Military Personnel: Prof Tim Briggs**

**State of the Union Address Surg Capt Hill**

**Closing Remarks/Prizes Meeting closes 1700**

**Beating the Retreat 1900-1930**

**Dinner: Mess Dress/Black-tie [civ] 1930**

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