



Combined Services Orthopaedic Society



May 11th 2012

Programme

6264 6035

5807 7929

- Portsmouth 2013
- Peterborough 2014

Combined Services Orthopaedic Society

President:

Mr C J M Getty MA FRCS

Chairman:

Surgeon Captain G A Hill

Academic Programme:

**Colonel J Clasper
Lieutenant Colonel D Hinsley
Lieutenant Colonel N Ward**

Treasurer:

Wing Commander I Lasrado

Organising Committee:

**Lieutenant Colonel D Hinsley
Lieutenant Colonel N Ward**

On behalf of the organizing committee for the Annual Meeting of the Combined Services Orthopaedic Society we would like to welcome you all to Keogh Barracks, Ash Vale. We hope you will find the 2012 meeting enjoyable and interesting.

PROGRAMME FOR CSOS MEETING 11 MAY 2012

Registration **0830 – 0900**

Welcome and Administration **0900 – 0910**

Session 1 (Elective Orthopaedics) **0910 - 1040**
Moderator **Lt. Col. David Standley**

1. "FULL MONTY" REPAIR OF MASSIVE ROTATOR CUFF TEARS

P.M. Guyver, A. Jaques, A.M.F. Goubran, C.D. Smith, T.D. Bunker
Princess Elizabeth Orthopaedic Centre, Royal Devon and Exeter Foundation Trust

2. STERNOCLAVICULAR JOINT RECONSTRUCTION FOR INSTABILITY USING LARS LIGAMENT – REPORT OF SURGICAL TECHNIQUE AND EARLY OUTCOMES

J. Quayle, R. Pennington, P. Rosell
Frimley Park Hospital

3. GLOBAL CAP SHOULDER RESURFACING: THE NORWICH EXPERIENCE

E Spurrier, O Payton, P Hallam
Norfolk and Norwich University Hospital

4. SEPTIC ARTHRITIS OF THE KNEE: THE USE OF AND EFFECT OF ANTIBIOTICS PRIOR TO DIAGNOSTIC ASPIRATION

P. Hindle, E. Davidson, L. Biant
Royal Infirmary of Edinburgh

5. OUTCOME FOLLOWING INFECTION AFTER ACL RECONSTRUCTION

TA Wood, N Smith, T Spalding, P Thompson
University Hospitals Coventry & Warwickshire NHS Trust

6. TREATMENT AND OUTCOME OF CHRONIC EXERTIONAL COMPARTMENT SYNDROME (CECS) IN MILITARY PERSONNEL

A. Roberts, J.M. Quayle, P. Krishnasamy, J. Houghton
Defence Medical Rehabilitation Centre

7. EXTRACORPOREAL SHOCKWAVE TREATMENT (ESWT) FOR REFRACTORY ACHILLES TENDINOPATHY: A NICE DRIVEN AUDIT

P. M. Guyver, J. M. Taylor, I. T. Sharpe, N. J. Talbot, A. C. Redfern, D. A. T. Silver
Princess Elizabeth Orthopaedic Centre, Royal Devon and Exeter Foundation Trust

8. THE TREATMENT & OUTCOMES OF "JONES" FRACTURES

ACM Keenan, AM Wood, RM Boyle, FC Doogan, C Court-Brown
Royal Infirmary of Edinburgh

9. THE MANAGEMENT OF HUMERAL SHAFT FRACTURES REVISITED

D. Griffiths, L. Young, N. Obi, S. Nikolaou, G. Tytherleigh-Strong, L. Van Rensburg

Coffee and Trade Stands

1040 – 1110

Session 2 (Basic Science)

1110 – 1200

Moderator Lt Col Peter Hill

10. NANOPARTICLE TREATMENT OF INTRACELLULAR S.AUREUS
B.C.C. Rand, C. Ogle, J Kastanis, J.C. Wenke
Academic Dept. of Military Surgery and Trauma, Royal Centre for Defence Medicine
11. DESIGN OF A TRAUMATIC INJURY SIMULATOR FOR ASSESSING LOWER LIMB RESPONSE TO HIGH LOADING RATES
A. Ramasamy, S. Masouros, N. Newell, T.J. Bonner, ATH West, AM Hill, JC Clasper, AMJ Bull
Imperial Blast Biomechanics and Biophysics Group
12. DUAL-PURPOSE BONE GRAFTS IMPROVE HEALING AND REDUCE INFECTION
K. V. Brown¹, S. Guelcher², B. Li², T. Guda², B-H. Lee², J. C. Wenke¹
¹US Army Institute of Surgical Research
13. CHITOSAN, A NEGATIVE PRESSURE COMPATIBLE LOCAL ANTIBIOTIC DELIVERY SYSTEM
B.C.C. Rand, S.P. Noel, J.C. Wenke.
Academic Dept. of Military Surgery and Trauma, Royal Centre for Defence Medicine
14. FASS IS A BETTER PREDICTOR OF POOR OUTCOME IN LOWER LIMB BLAST INJURY THAN AIS: IMPLICATIONS FOR BLAST RESEARCH
A. Ramasamy, A.M. Hill, R. Phillip, I. Gibb, A.M.J. Bull, J.C. Clasper.
Imperial Blast Biomechanics and Biophysics Group

Guest Speaker

1200 – 1230

**Lt. Col. Rhodri Phillip
Rehabilitation at Headley Court**

CSOS Business Meeting

1230 – 1300

Lunch and Trade Stands

1300 - 1400

Session 3 (Trauma)

1400 – 1530

Moderator Surg Cdr Steve Smith

15. FUTURE 'UNEXPECTED' SURVIVORS? CAUSE OF DEATH ANALYSIS IN EXPLOSIVE BLAST FATALITIES
J.A.G. Singleton, I. Gibb, A.M.J. Bull, J.C. Clasper
The Royal British Legion Centre for Blast Injury Studies at Imperial College London
16. DEVELOPING A PREDICTIVE ANATOMIC SCORING SYSTEM FOR MILITARY PERINEAL AND PELVIC BLAST INJURIES
S. Mossadegh, D. Sharma, P.J. Parker
Academic Department of Military Surgery and Trauma (ADMST), Royal Centre for Defence Medicine (RCDM)

17. UK COMBAT-RELATED PELVIC INJURIES 2008-2011: IMPLICATIONS FOR INTERVENTION
Maj NM Walker RAMC, Maj W Eardley RAMC, Lt Cdr Bonner RN, Col J Clasper L/RAMC

18. KNEE DISLOCATIONS CAUSED BY IMPROVISED EXPLOSIVE DEVICES
T.J. Bonner, J. Singleton, S.D. Masouros, I. Gibb, J.M. Kendrew and J.C. Clasper
Academic Department of Military Surgery and Trauma, ICT Centre

19. SEVERE OPEN TIBIA FRACTURES IN COMBAT TRAUMA: ORTHOPEDIC AND PLASTIC SURGICAL MANAGEMENT AND INITIAL OUTCOMES
JG Penn-Barwell, PM Bennett, CA Fries, RF Rickard, J Kendrew, M Midwinter
Academic Dept. of Military Surgery and Trauma, Royal Centre for Defence Medicine

20. THROUGH JOINT TRAUMATIC AMPUTATIONS FROM EXPLOSIVE BLAST: WHEN, WHY AND WHAT NEXT?
J.A.G. Singleton, I. Gibb, A.M.J. Bull, J.C. Clasper
The Royal British Legion Centre for Blast Injury Studies at Imperial College London

21. EARLY QUALITY OF LIFE CHANGES AFTER ELECTIVE AMPUTATION FOLLOWING COMPLEX LOWER LIMB TRAUMA
P.R.J. Page, K.J. Hollier-Cox, R.D. Phillip and A.N. Bennett
Defence Medical Rehabilitation Centre

22. DETERMINING THE CLINICAL RELEVANCE OF STATISTICALLY SIGNIFICANT CHANGES IN BACTERIAL COUNTS IN A MODEL OF EXTREMITY WAR WOUNDS
H C Guthrie^{1,2}, K R Martin¹, C Taylor¹, J C Clasper², S A Watts¹
¹Defence Science and Technology Laboratory
²Academic Department of Military Surgery and Trauma, Royal Centre for Defence Medicine

23. FREEHAND 'FIGURE 4' TECHNIQUE FOR TIBIAL INTRAMEDULLARY NAILING: INTRODUCTION OF TECHNIQUE AND REVIEW OF 88 CASES
J Granville-Chapman, S Z Nawaz, A Trompeter, K J H Newman, D S Elliot
Rowley Bristow Orthopaedic Unit

Tea and Trade Stands

1530 – 1600

The Perfect Storm – A View from the BOA – Speaker
Rear Admiral Kimmons CB

1600 - 1630

State of The Union Address

1630 – 1700

Closing remarks and prizes

Surg Capt Graham Hill

Dinner RMAS
Mess Dress/ Black Tie

1930 Onwards

Poster Presentations

- 1) THE EDINBURGH MIAC EXPERIENCE OF SHOULDER DISLOCATIONS
J T Evans, A M Wood, J Watson, A Nicol

- 2) PATIENT RELATED OUTCOME SCORES FOLLOWING GRADUAL CORRECTION OF STIFF EQUINO-CAVO-VARUS DEFORMITY IN ADULT PATIENTS
A M Wood, A C Keenan, C H C Arthur, H Shalaby
Royal Infirmary of Edinburgh

- 3) THE EFFECTIVENESS OF A THREE-WEEK INTENSIVE REHABILITATION COURSE IN IMPROVING CLINICAL OUTCOME POST ACL RECONSTRUCTION
J Watson, A Wood, A N Nicol
Regional Rehabilitation Unit Edinburgh

- 4) FLOATING SHOULDER PLUS: A CASE REPORT
Z Beech, R Gordon, D M Ricketts
Brighton University Hospitals NHS Trust

- 5) ACCURACY OF PRE-OPERATIVE SHOULDER ULTRASOUND IMAGING IN DETECTING ROTATOR CUFF TEARS
Mr Sushmith Ramakrishna, Dr Abigail Clark-Morgan, Dr Mira Patel and Mr Hill
Department of Trauma & Orthopaedics, Queen Alexandra Hospital

- 6) CAPSTAN SCREW REPAIR – A NOVEL TWO ROW MINI OPEN ROTATOR CUFF REPAIR
P M Guyver, A Jaques, A M F Goubran, C D Smith, T D Bunker
Princess Elizabeth Orthopaedic Centre, Royal Devon and Exeter Foundation Trust

- 7) ARE OPERATION NOTES WORTH THE PAPER THEY ARE WRITTEN ON? 150 ORTHOPAEDIC OPERATION NOTES ACROSS TWO CENTRES AUDITED AGAINST THE ROYAL COLLEGE OF SURGEONS AND BRITISH ORTHOPAEDIC ASSOCIATION GUIDELINES
L McMenemy, A. Williams, C. Jordan, S. Barker and C. A. Igwe
The Orthopaedic Department, F level, Queen Alexandra Hospital

- 8) A NOVEL ANTIBIOTIC GEL DELIVERY SYSTEM
B C C Rand, J G Penn-Barwell, J C Wenke
Academic Dept. of Military Surgery and Trauma, Royal Centre for Defence Medicine

- 9) THE OPEN BLAST PELVIS: THE SIGNIFICANT BURDEN OF MANAGEMENT
A. Ramasamy, S. Evans, J. Kendrew, J. Cooper
Department of Trauma and Orthopaedics, Queen Elizabeth Hospital

- 10) A SIMPLE AID TO FRACTURE REDUCTION IN THE DIGIT
C Weddell, A McMurtrie, AK Hamad

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Many thanks to our generous sponsors for their support, without which, this meeting would not have been possible.