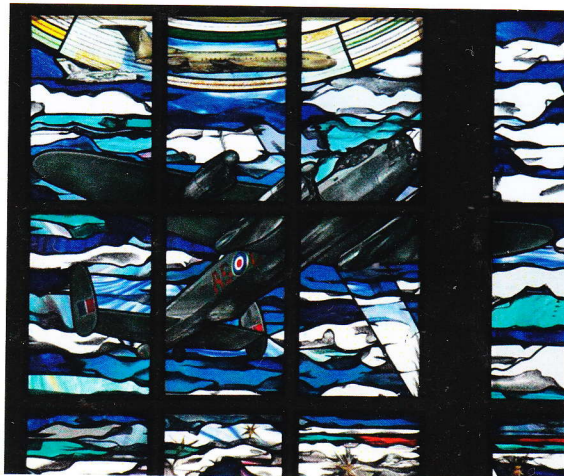


**Combined Services Orthopaedic Society  
The Royal Air Force Club, London**



**Programme  
13 May 2011**

# **Combined Services Orthopaedic Society**

**President:**

**Surgeon Rear Admiral M A Farquharson-Roberts OBE MA  
FRCS**

**Chairman:**

**Surgeon Captain G A Hill**

**Academic Programme:**

**Colonel J Clasper**

**Treasurer:**

**Lieutenant Colonel C M Hobbs**

**Organising Committee:**

**Surgeon Commander S A Stapley**

**Wing Commander I Lasrado**

**On behalf of the organizing committee for the Annual Meeting of the Combined Services Orthopaedic Society we would like to welcome you all to the The Royal Air Force Club, London. We hope you will find the 2011 meeting enjoyable and interesting.**

## PROGRAMME FOR CSOS MEETING 13 MAY 2011

**Registration**

**from 0800**

**Welcome and Administration**

**0830**

**Session 1**

**0835 – 1000**

**Moderator**

**Surg Cdr T Coltman**

1. THE CORNWALL EXPERIENCE OF THE AVON PATELLO-FEMORAL ARTHROPLASTY WITH FIVE-YEAR SURVIVORSHIP AND FUNCTIONAL RESULTS.

A.J.C. Vaughan, P.M. Guyver, M. Divekar, K. Farmer, A.S. Lee.  
The Royal Cornwall Hospital, Truro.

2. THE OUTCOME OF TOTAL KNEE REPLACEMENTS IN YOUNG PATIENTS: A 10 YEAR MATCHED CASE CONTROL STUDY.

A.C.M Keenan, C.H.C Arthur, A.M. Wood, P.J. Jenkins, P.J. Walmsley, I.J. Brenkel.

3. 10 YEAR RESULTS FOR THE PRESS-FIT CONDYLAR SIGMA TOTAL KNEE ARTHROPLASTY

C.H.C. Arthur, A.M. Wood, A.C.M. Keenan, R.A.E. Clayton, P.J. Walmsley, I.J. Brenkel  
Victoria Hospital, Kirkcaldy.

4. USING A COMBINATION OF TRANEXAMIC ACID AND RIVAROXABAN IN TOTAL KNEE REPLACEMENTS REDUCES TRANSFUSION REQUIREMENTS: A prospective cohort study.

A.M. Wood, R.J. Smith, A.C.M. Keenan, B.M. Sabnis, P. Walmsley, I. Brenkel.  
Victoria Hospital, Kirkcaldy.

5. A COMPARISON OF UNCEMENTED VERSUS CEMENTED OUTCOMES OF IMPACTION FEMORAL ALLOGRAFTING AT REVISION HIP ARTHROPLASTY

S. Masterson, S. Lidder, G. Scott  
Royal London Hospital, London.

6. CELL COUNT AND DIFFERENTIAL OF ASPIRATED FLUID IN THE DIAGNOSIS OF LATE PROSTHETIC JOINT INFECTION

Z.K.M. Beech, A. Dineen, N. Bradley, A. Guyot  
Frimley Park Hospital, Frimley

7. EVOLVED FOR HIP ARTHRITIS?

A.P. Monk, G. Grammatopoulos, M. Chen, C.L.M. Gibbons, D. Beard, D.W. Murray, H.S. Gill  
University of Oxford, Oxford.

8. AN INVESTIGATION INTO RISK STRATIFICATION FOR PERI-PROSTHETIC FRACTURES OF PRIMARY HIP ARTHROPLASTY

D.S. Edwards, J. Millington, D.J. Dunlop, D.R. Higgs, J.M. Latham  
Southampton General Hospital, Southampton.

9. TIP APEX DISATANCE – IS IT ENOUGH TO PREDICT IMPLANT FAILURE?

N. Agni, E.L. Sellers, R. Johnson, A.C. Gray  
Royal Victoria Infirmary, Newcastle upon Tyne.

10. TROPONIN - T IN HIP FRACTURE PATIENTS: PROGNOSTIC SIGNIFICANCE FOR MORTALITY AT ONE YEAR

E. Spurrier, D. Wordsworth, R. Norris, S. Martin, M. Parker  
Stamford.

11. ARTHROSCOPIC CAPSULAR EXCISION IN THE TREATMENT OF ADHESIVE CAPSULITIS OF THE SHOULDER

C. R. Fetherston, D. W. Simon  
North Hampshire Hospital, Basingstoke.

Coffee Break

1000 – 1030

Session 2  
Moderator

1030 – 1130  
Lt Col M Butler

12. 4-STRAND HAMSTRING RECONSTRUCTION USING BIO-INTRAFIX AND RIGIDFIX – A RETROSPECTIVE REVIEW

A. Hamer, S. Roy, A. Metcalfe  
Royal Glamorgan Hospital, Llantrisant.

13. Reducing the cost of lower limb trauma: A Prospective Study.  
A.C.M. Keenan, A.M. Wood, R. Maheshwari, R.A.E. Clayton

14. ARE CLINICAL OUTCOMES WORSE POST ELECTIVE FOOT AND ANKLE SURGERY IN OBESE PATIENTS?

L.B. Cannon and L. McMenemy  
Queen Alexandra Hospital, Portsmouth.

15. THE MODERN DECK-SLAP INJURIES: 3-YEAR OUTCOMES OF CALCANEAL BLAST FRACTURES

A. Ramasamy, A.M. Hill, R. Phillip, A.M.J. Bull, J.C. Clasper  
Imperial Blast Biomechanics and Biophysics Group, Imperial College London.

16. THE UNHAPPY TRIAD OF ANKLE INJURY

C. Arthur, J. Dabis, A.J.C. Mountain  
University Hospital Birmingham Foundation Trust & Royal Centre for Defence Medicine, Birmingham.

17. TIBIO-TALO-CALCANEAL ARTHRODESIS WITH A COMPRESSIVE RETROGRADE INTRAMEDULLARY NAIL: THE EXETER EXPERIENCE OF 55 CONSECUTIVE NAILS.

P.M. Guyver, J.M. Taylor, R.E. Knox, M. Czipri, N.J. Talbot, I.T. Sharpe.  
Royal Devon and Exeter Foundation Trust, Exeter.

18. ANKLE / HINDFOOT SALVAGE ARTHRODESIS USING EXTERNAL FIXATION

S. Ramakrishna, P. Moras, A.J.L. Jowett, S.L. Hodgkinson, I.F.N. Lasrado, C.J. Hand.  
Queen Alexandra Hospital, Portsmouth.

Guest lecture

1130 – 1200

Prof Sir Keith Porter

“Behind the Scenes at Role 4”

CSOS Business meeting

1200 – 1230

Surg Rear Admiral Jarvis Brief

1230 – 1300

LUNCH

1200 – 1400

Session 3  
Moderator

1400 – 1505  
Wg Cdr J Kendrew

19. CHANGES IN SURGICAL WORKLOAD AT THE JF MED GP ROLE 3 HOPITAL, CAMP BASTION, AFGHANISTAN: 01 NOV 2008 - 01 NOV 2010

N. Jacobs, D.M. Taylor, P.J. Parker  
Salisbury District Hospital, Salisbury

20. THE CAMP BASTION EXPERIENCE OF TRAUMATIC LIMB AMPUTATION

K. Rourke, A. Hicks, PA. Templeton  
Royal Liverpool Hospital, Liverpool.

21. IED RELATED PERINEAL TRAUMA: EVIDENCE BASE, ANATOMICAL INJURIES AND SURGICAL MANAGEMENT

S. Mossadegh, M. Midwinter, P. Parker  
Royal Centre for Defence Medicine, Birmingham.

22. A STUDY OF THE ASSOCIATED INCIDENCE AND PATTERN OF UPPER LIMB TRAUMA IN BILATERAL LOWER LIMB AMPUTATIONS ON OP HERRICK – AN ANALYSIS OF 221 CONSECUTIVE CASES

A. Pandya, A. Hicks, P. Coates, N. Jacobs, J. Hawker  
Mountbatten Department of Plastic Surgery, MDHU Portsmouth.

23. THE EFFICACY OF ANTIMICROBIAL WOUND DRESSINGS USED IN THE MANAGEMENT OF COMPLEX EXTREMITY INJURY: A PRE-CLINICAL RANDOMISED CONTROLLED TRIAL

W.G.P. Eardley, K.R. Martin, E. Kirkman, J.C. Clasper, S.A. Watts.  
Academic Department of Military Surgery and Trauma, Royal Centre for Defence Medicine, Birmingham.

24. EARLY INITIAL ANTIBIOTICS AND DEBRIDEMENT INDEPENDANTLY REDUCE INFECTION IN AN OPEN FRACTURE MODEL

J.G. Penn-Barwell, C.K. Murray, J.C. Wenke  
Academic Department of Military Surgery and Trauma, Royal Centre for Defense Medicine, Birmingham.

25. OUTCOMES FROM COMBAT PERIPHERAL NERVE INJURY - A PROSPECTIVE STUDY OF 261 NERVE INJURIES.

A. Ramasamy, W.G. Eardley, K.V. Brown, R. Dunn, P. Anand, J. Etherington, J.C. Clasper, M.P.M Stewart, R. Birch  
Academic Department of Military Surgery and Trauma, Birmingham.

26. THE EARLY MANAGEMENT OF UNSTABLE PELVIC RING FRACTURES: ESTABLISHING THE EFFECT OF CIRCUMFERENTIAL BINDER POSITION ON DIASTASIS REDUCTION.

T.J. Bonner, W.E. Eardley, N. Newell, S. Masouros, I. Gibb, J. Matthews and J.C. Clasper  
Academic Department of Military Surgery and Trauma, Birmingham.

**Tea**

**1505 - 1535**

**Session 4  
Moderator**

**1535 – 1625  
Lt Col A Mountain**

27. THE DISTAL RADIUS SKYLINE VIEW: A SIMPLE AND ACCURATE METHOD FOR DETERMINING DORSAL CORTEX SCREW PENETRATION IN LOCKED VOLAR PLATING OF THE DISTAL RADIUS

J. Granville-Chapman, A.G. Hacker, A. Keightley, T. Sarkhel, J.P. Monk, R.R. Gupta  
Ashford and St Peters NHS Foundation Trust, Chertsey.

28. EPIDEMIOLOGY OF MUSKULOSKELETAL INJURIES DURING COLD WEATHER WARFARE TRAINING.

J.T. Evans, R.J. Howes, S.J.Droog, I. M. Wood, A.M. Wood

29. ACL RUPTURES IN ROYAL MARINE BASIC TRAINING: REHABILITATION TIMES AND RATE OF COMPLETION OF TRAINING.

A.M. Wood, R.J. Hales, J. Bakker-Dyos, M. Chapman, A. Keenan  
Institute of Naval Medicine, Gosport.

30. PATIENT REPORTED OUTCOME MEASURES (PROMS) IN MILITARY PATIENTS WITH SHOULDER INSTABILITY

S. Middleton, P. Guyver, M. Boyd, T. Anderson, M. Brinsden  
MDHU Plymouth.

**31. ATTITUDES AND BELIEFS OF MILITARY PHYSIOTHERAPISTS AND THEIR  
INFLUENCE ON THE MANAGEMENT OF CHRONIC LOW BACK PAIN- A QUALITATIVE  
INVESTIGATION**

J.W. Heywood and I. Ryder

Defence Medical Rehabilitation Centre, Headley Court, Epsom.

**32. ARTHROSCOPY SIMULATION IN SURGICAL TRAINING**

M. Boyd, T. Anderson, S. Middleton, M. Brinsden

Derriford Hospital, Plymouth.

**Philip Fulford Memorial Lecture**

**1630 – 1700**

**Prof. Anthony Bull**

**“Musculoskeletal Dynamics – A Tool for Orthopaedic Surgeons?”**

**State of the Union address**

**Surg Capt Hill**

**Closing remarks / prizes**

**1700 - 1730**

**Dinner**

**1930 Onwards**

**Mess dress/Black-tie (Civ)**

## Synthes Courses



Distraction Osteogenesis	Luton	15 & 16 March	Sawbone
British Trauma Society (evening symposium)	Manchester	4 May	Sawbone
Cadaveric Tibial Intramedullary Nailing	Newcastle	17 May	Cadaver
Innovations in Upper Limb Trauma	Birmingham	20 May	Sawbone
Distal Radius Fracture Fixation	Birmingham	16 June	Sawbone
Innovations in Hand Fracture Management	Coventry	14 & 15 July	Cadaver
Epoca Shoulder Arthroplasty	Coventry	8 & 9 August	Cadaver
Reamer Irrigator Aspirator	Leeds	5 September	Sawbone
Innovations in Elective Foot Surgery	London	8 September	Cadaver
Innovations in Upper Limb Trauma	Newcastle	20 & 21 September	Cadaver
Advances in the Surgical Management of Upper Limb Trauma	Southampton	23 September	Sawbone
Treatments of Degenerative Foot Conditions	Bristol	14 October	Cadaver
Innovations in IM Nailing	Brighton	19 October	Sawbone
Knee Osteotomy Masterclass	Basingstoke	3 & 4 November	Sawbone
Trauma Update	Cardiff	10 November	Sawbone

### Contact Details

If you would like to receive information on any future Synthes Courses, please contact:

Synthes Education  
20 Tewin Road  
Welwyn Garden City  
Hertfordshire

Tel: +44 1707 395212  
Fax: +44 1707 391606  
Email: [gower.kirsty@synthes.com](mailto:gower.kirsty@synthes.com)  
Web: <http://www.synthes.com/html/Congresses-Courses.4335.0.html>

## Poster Presentations

1) Ten-year Survivorship of Press fit Condylar Sigma Total Knee Arthroplasty in Young Patients.

ACM Keenan, CHC Arthur, PJ Jenkins, Wood AM ,Walmsley PJ,Brenkel I J

2) Delayed Presentation of Pyoderma Gangrenosum at An Orthopaedic Surgical Site: A Case Report and Review

A.A. Routledge, T. Rowlands and J. Kendrew

3) Musculoskeletal Injuries Sustained in Afghanistan and Subsequently Managed At A Primary Care Rehabilitation Facility

J.T. Evans, I.M. Wood, A.M. Wood, I. Sargeant

4) Management of The Trauma Patient: What Happens After The Patient Leaves Afghanistan, a 40 Commando Royal Marines' Perspective

J.T. Evans, I.M. Wood, A.M. Wood, I. Sargeant

5) Football Lower Limb Fractures: Do they return to sport?

A.M. Wood, G. Robertson, J. Bakker-Dyos, S.A. Aitken, A.C.M. Keenan, C.M. Court-Brown

6) Lower Extremity Amputation Following Combat Trauma: Injuries, Treatment and Outcomes

P.M. Bennett, D.G. Hindmarsh, M. Midwinter, K. Porter, J.G. Penn-Barwell

7) Comparison on Chlorhexidine and Saline for Irrigating A Contaminated Fracture Model

J.G. Penn-Barwell, C.K. Murray, J.C. Wenke

8) Bismuth Thiols Potentiate the Effect of Systemic Antibiotics On Infection In An Animal Model of Contaminated Open Fracture

J.G. Penn-Barwell, J.C. Wenke

9) Displaced Femoral Neck Stress Fractures In Royal Marine Recruits – Management and Results Of Operative Treatment

J. T. Evans, P.M. Guyver, A.M. Kassam, M J.W. Hubble

10) Open Ankle Fractures: A Case Series

E.L. Sellers