

#### **Program Overview**

- 0830 Registration
- 0900 Welcome Cdr N Piper and Surg Cdr P Guyver
- 0910 Session 1 Trauma Session, Prof H Simpson and Surg Cdr T Coltman
- 1020 Coffee & trade
- 1100 Session 2 Basic Science, Mr M Gibbons & Wg Cdr J Kendrew
- 1220 Lunch & Trade quiz
- 1320 Session 3 Elective Session, Mr I Winson and Lt Col M Butler
- 1420 Society photograph followed by Coffee & Trade
- 1450 Session 4 Military Session, Mr J Getty and Lt Col Dylan Griffiths
- 1600 Guest Lecture-Nigel Rossiter -'Trauma and Orthopaedics beyond the military'
- **1630** Prize Giving and President's address Prof H Simpson
- 1645 State of the Nation Col D Standley
- 1700 CSOS AGM Members only
- 1730 Meeting Close

The Combined Services Orthopaedic Society gratefully acknowledge the support of the following industry partners who enabled this meeting to proceed





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President	Professor Hamish Simpson
Chairman	Col David Standley
Treasurer	Lt Col Hugo Guthrie
Secretary	Maj James Singleton

**Defence Professor of Trauma and Orthopaedics:** 

Surgeon Captain Sarah Stapley

## Local Organising Committee:

Surgeon Commander Paul Guyver

Surgeon Commander Steve Smith

Lieutenant Colonel Scott Adams

Surgeon Lieutenant Commander Jowan Penn-Barwell

Major Mike Rodger

Program

0750 Transport from Officers Mess HMS Drake

0810 Transport from Future INN

0830 Registration

0900 Welcome - Cdr N Piper and Surg Cdr P Guyver

0910 Session 1: Trauma Session

Moderators: Prof H Simpson and Surg Cdr T Coltman

0910 Major trauma centre status affects the presentation and epidemiology of tibial plateau fractures: Does this have implications for training tomorrows Military Trauma Surgeons? Hipps D, Robertson G, Keenan A, Wood A

0920 Intra-osseous fixation of three and four part proximal humerus fractures: a Case series review and financial costing analysis Sinnett T, Sabharwal S, Sinha I, Griffiths D, Reilly P Department of Trauma and Orthopaedics, Imperial College Healthcare Trust

 $0930\,$  Are plain radiographs of clavicles giving us the information we think they are?

**J T Evans,** N Patel, T Cooper, V B Conboy Department of Trauma & Orthopaedics, Torbay and South Devon NHS Foundation Trust, Torbay Hospital.

0940 Non-Operative Management of Comminuted Distal Humerus Fractures in the Elderly – a Review of Functional Outcomes Timothy Batten, Claire Sin-Hindge, Andrew Murphy, Mark Brinsden, Paul Guyver Department of Trauma & Orthopaedics, Plymouth Hospitals NHS Trust, Derriford Hospital, Plymouth. PL6 5AA.

0950 **Time to Fracture Clinic Audit P Raut,** W Eardley James Cook University Hospital, Middlesbrough, TS4 3BW

1000 Humeral supracondylar fracture fixation in children–a change in practice Tim Pearkes, Selina Graham Royal United Hospital, Bath 1010 **Management of Supracondylar Fractures P Raut,** H Chandler, R Taranu, W Eardley James Cook University Hospital, Middlesbrough, TS4 3BW

### 1020 Coffee & trade

1100 Session 2: Basic Science

### Moderator: Mr M Gibbons & Wg Cdr J Kendrew

1100 **Pre-clinical evaluation** of therapies to prevent or treat bone non-union: a systematic review.

Sarah K. Stewart, Philippa M. Bennett, Sarah A. Stapley, Janine Dretzke, Danai Bem, Jowan G. Penn-Barwell

Royal Centre for Defence Medicine, Queen Elizabeth Hospital, Birmingham, B15 2TH West Midlands UK.

1110 The Biomechanics of Blast Related Amputee Heterotopic Ossification: computational modelling and physical experiments

**Maj D S Edwards** and Miss Naomi Rosenberg, Mr Angelo Karunaratne, Col J C Clasper, Prof A M J Bull.

The Royal British Legion Centre for Blast Injury Studies, Imperial College London, London, SW7 2AZ.

1120 The Effect of Knee Position on the Severity of Lower Limb Injuries in an Under-Vehicle Explosion: A Cadaveric Study.

T.J. Bonner, S.D. Masouros, N. Newell, , A. Ramasamy, A.M. Hill, A.T.H. West, J.C. Clasper, A.M.J. Bull

The Royal Centre for Defence Medicine, Birmingham

The Royal British Legion Centre for Blast Injury Studies as Imperial College, London.

1130 Intraoperative fluid irrigation for traumatic wounds Penn-Barwell JG, Peleki A, Chen YF, Bishop JRB, Midwinter MJ, Rickard RF Institute of Naval Medicine

1140 **Progress Towards A Novel Treatment For Heterotopic Ossification Major Neil Eisenstein**, Dr Richard Williams, Dr Sophie C. Cox, Professor Sarah A. Stapley, Professor Liam M. Grover

1150 The effect of posture on vertebral fracture patterns in a simulated underbody blast loading scenario.

Sqn Ldr Edward Spurrier, Dr Spyros Masouros, Col Jon Clasper Royal British Legion Centre for Blast Injury Studies, Imperial College London

1200 The future of three dimensional printing in military orthopaedics. Maj. AA Johnson HQ Army Medical Directorate, Camberley

1210 Traumatic amputations and pelvic fracture: is a mechanistic link key to increase future survivors? C Webster, S Masouros, J Clasper Notes

1220 - Lunch & Trade

1450 Session 4 - Military

Moderator: Mr J Getty and Lt Col Dylan Griffiths

# 1450 Combat hindfoot fractures in UK military 2003-2014: Injuries, management and short-term outcomes

**PM Bennett**, T Stevenson,I D Sargeant, A Mountain, JG Penn-Barwell. Academic Department of Military Surgery and Trauma, Royal Centre for Defence Medicine, ICT Research Park, Vincent Drive, Edgbaston, Birmingham, B15 2SQ

## 1500 Calcaneal fractures in UK combat casualties: Medium-term patient reported outcomes

PM Bennett, **T Stevenson**, ID Sargeant, A Mountain, JG Penn-Barwell. Academic Department of Military Surgery and Trauma, Royal Centre for Defence Medicine, ICT Research Park, Vincent Drive, Edgbaston, Birmingham, B15 2SQ

1510 Can pre existing NHS and Private Fast Track pathways support the treatment of Military ACL injuries in a timely fashion or is a new approach required? The South West experience. Myatt RW, Thomas RL, Penn-Barwell JG, Matthews JJ

**1520** An investigation in to the British upper limb amputee burden and related injury severity from recent operations in Afghanistan McMenemy L, Edwards D, Bull A, Clasper J The Royal British Legion Centre for Blast Injury Studies, Imperial College London, London, SW7 2AZ

## 1530 Femoral Neck Stress Fractures in Royal Marine Recruits: Diagnosis and Imaging

Thomas RL, Myatt RW, Hemingway R, Stanning AJ CTCRM Medical Centre, Exmouth, Devon, EX8 5AR

1540 Service Consultant Supported RRU clinics leads to high service patient satisfaction Butler M, Shuttlwood K, Parker P MDHU Derriford

1550 Osseointegration in bilateral above knee amputees following blast: A review of the first 5 UK cases. R D Phillip, M Al Muderis, A R Kay, J M Kendrew

Royal Centre of Defence Medicine, Birmingham. UK

**1600** Nigel Rossiter – Guest Lecture – 'Trauma and Orthopaedics beyond the military'

1630 Prize Giving and President's address – Prof H Simpson

**1645** State of the Nation – Col D Standley

1700 CSOS AGM-Members only

1730 Meeting close-transport to Future INN and HMS Drake.

1845 Coaches depart HMS Drake and Future INN for RMB Stonehouse

1900-1930 Arrival drinks

1930 RM Band

2000 Mess Dinner

2330 Coaches depart for Future INN and HMS Drake.

**GUEST SPEAKERS** 

#### Mr Nigel D Rossiter FRCSEd(Tr&Orth)

Nigel is a Consultant Trauma & Orthopaedic Surgeon at the Basingstoke & North Hampshire Hospital, Hampshire Hospitals since 2002/3. He was previously a Trauma & Orthopaedic Consultant Surgeon in the British Army from 1985. He trained in London, Londonderry, Belfast, Gosport, Plymouth, and Oxford, and, has done fellowship training in UK (PortonDown & RAM College), USA & Russia. In the Army he served in Northern Ireland, Belize, Bosnia, USA, Sierra Leone, Oman and UK. His last military post was as lead military Trauma & Orthopaedic Consultant and Clinical Lead for Trauma at Derriford Hospital in Plymouth.

His principal practice is in Orthopaedic Trauma and has an elective practice in Knee & Shoulder surgery and Trauma related problems. He previously ran the Wessex Pelvic & Acetabular unit, is the Hampshire Hospitals lead for Trauma and the Clinical Lead for Trauma Units in the Wessex Trauma Network: having led the setting up the South Central Trauma System & Networks. He is the Immediate Past (& Founding) President of the Orthopaedic Trauma Society. Nigel is the co-ordinator for Primary Trauma Care education in Uganda and a trustee of the Primary Trauma Care Foundation. He was the founder of a medical charity Link of Basingstoke with Hoima Hospital in Uganda. He has been voted the Trainer of the Year for the Wessex area, "Inspiring educator of the year" from NHS Shine Awards (twice), and, the Hippocrates Award for excellence in the field of medicine from Who's Who. He has co-chaired the AO Advances courses in UK & Ireland since 2013, has previously chaired the AO Principles courses in the UK and is on faculty for the Current Concepts, Tips for Trainers and Chairmen courses. He is faculty for the Training the Trainers courses, and, runs a medical education company. He sits on a NICE committee. He helped write the original STEP course for the Royal College of Surgeons and has been a Basic Surgical Skills tutor. He is married with four rugby plaving sons.

Notes

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