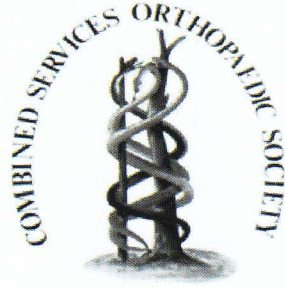


Combined Services Orthopaedic Society

RAF Wittering 9TH May 2014





President	Mr CJM Getty
Chairman	Surgeon Captain GA Hill
Academic Programme	Colonel J Clasper
Treasurer	Wing Commander Lasrado
Secretary	Major H Guthrie

The Organising committee of Wing Commander Gora Pathak and Surgeon Commander Craig Reston would like to take this opportunity to welcome you to RAF Wittering, just south of Stamford in South Lincolnshire.

From 1968 until late 2010 this station was known as the Home of the Harrier. The first Harriers arrived from No.1 Sqn in August 1969; the first squadron to have a vertical take off aircraft. The squadron left the base in August 2000. No. 4 (R) Sqn, formerly 2330CU, was the last Harrier flying squadron based at Wittering, departing upon disbandment in January 2011.

In May 1971, four aircraft from 1 Sqn operated from HMS Ark Royal, the first time the Harrier had operated from an aircraft carrier, under Wing Commander (later Sir) Ken Hayr. In 1982, six Harrier GR3 aircraft were taken down to the Falklands on SS Atlantic Conveyor, and survived the Exocet attack, later to board HMS Hermes in May 1982. In June 1982, 12 GR3 aircraft were flown from Wittering, via RAF Ascension Island and mid-air refuelling with Victor tankers, on an 8,000 mile journey to the Falklands in 17 hours, which set an RAF record. The Harriers

were from 1(F) Sqn. On 27 May 1982, Sqn Ldr (later Gp Capt) Bob Iveson was hit by anti-aircraft fire from GADA 601's 35mm cannon, and he ejected seconds before his aircraft exploded in mid-air near Goose Green. He evaded capture for two and a half days before being rescued by helicopter.

In January 1983, Sqn Ldr Brenda Palmer became the Senior Air Traffic Controller at the base, the first woman in the RAF to hold that title.

MDHU Peterborough, a short distance south of RAF Wittering, which was opened in 1995 and fully operational the following year has been home to approximately 150 predominately RAF Medical, Nursing and other allied health professionals. Sadly due to restructuring within the Defence Medical Services (DMS) it will close in the summer of 2014 with redeployment of all but the Consultant body of personnel to other DMS assets.



CSOS Programme 2014

Time	Event	Venue	Attendees
0800 - 0845	Registration	Officers Mess Foyer	All
0845 - 0900	Welcome: Wg Cdr Pathak/ Surg Cdr Reston	Pegasus Room, FHQ	All
0900 - 1015	Session 1: Moderator Wg Cdr S Masterson	Pegasus Room, FHQ	All
1015 - 1100	Coffee & Trade	Officers Mess	All
1100 - 1215	Session 2: Moderator Lt Col R Anakwe	Pegasus Room, FHQ	All
1215 - 1245	Guest Lecture: Danish Medical Personnel Deployed Lt Col P Sondergard	Pegasus Room, FHQ	All
1245 - 1400	Lunch & Trade/ Society Business Meeting	Officers Mess	All/Society Members
1400 - 1515	Session 3: Moderator Surg Cdr T Coltman	Pegasus Room, FHQ	All
1515 - 1600	Coffee & Trade, plus photographs.	Officers Mess	All
1600 - 1645	Guest Lecture: Anaesthetic Influence on Surgical Outcome! Dr R Griffiths	Pegasus Room, FHQ	All
1645 - 1700	State of the Nation. Surg Capt G Hill	Pegasus Room, FHQ	All
1700	Prize Giving & Presidents Closing Remarks Mr J Getty	Pegasus Room, FHQ	All
1715	Surgeon General: Current Update and Return to Contingency	Pegasus Room, FHQ	Service Personnel
1745	Conference Close		

Museum open 1715 - 1815 • Coach in front of FHQ for Heritage Centre • Dinner Officers' Mess 1930 for 2000 Coach at George Hotel 1900 and The Haycock 1920

Session 1: Moderator Wg Cdr Masterson 0900-1015

1. BLAST-MEDIATED TRAUMATIC AMPUTATION: EVIDENCE SUGGESTING A NEW INJURY MECHANISM
SINGLETON JAG, GIBBIE, BULL AMJ, CLASPER JC
2. DYNAMIC RESPONSE INDEX IS NOT A SUITABLE PREDICTOR OF SPINAL INJURY RISK IN UNDERBELLY BLAST
SPURRIER E, SINGLETON J, MASOUROS S, CLASPER JC
3. THE "SEVEN QUESTIONS": A NOVEL SURGICAL PLANNING STRATEGY BASED ON MILITARY DOCTRINE
WOOD R, GRANVILLE-CHAPMAN J, CLASPER JC
4. A BIOMECHANICAL COMPARISON OF THE STRENGTH OF EXTERNAL FIXATOR CONSTRUCTS FOR THE MANAGEMENT OF LIMB TRAUMA
RAMAKRISHNA S, LUPTON C, STAPLEYS*
5. DOES THE PRE-OPERATIVE BRIEFING IMPROVE PATIENT SAFETY? A COMPLETE AUDIT CYCLE.
PHADNIS J, GUTHRIE H
6. ACHIEVING BEST PRACTICE TARIFF IN WARFARINISED HIP FRACTURE PATIENTS
MacLEOD K, FREEMAN H, TATE A, EARDLEY W
7. DON'T BE A CLOT- ENSURE THE PRESCRIPTION OF OUT-PATIENT VTE PROPHYLAXIS FOLLOWING HIP AND KNEE REPLACEMENT SURGERY
EVANS JT, EVANS CE, ARMSTRONG ACG
8. THE INFRA-PATELLA FAT PAD AS A SOURCE OF PERIVASCULAR STEM CELLS FOR TISSUE ENGINEERING
HINDLE P, WEST C, BIANI LC, PÉAULT B
9. VOLAR LOCKING DISTAL RADIUS PLATES: HOW ANATOMICAL ARE THEY?
RAMASAMY A, EVANS S, DESHMUKH S

Session 2: Moderator Lt Col Raymond Anakwe 1100–1215

1. MILITARY FREEZING COLD INJURIES: 12 YEARS OF COLD WEATHER INJURY REFERRALS. PREMATURE SURGERY MUST BE AVOIDED WHERE POSSIBLE
HEIL K M, WOOD A M, OAKLEY E H N
2. ORTHOPAEDICS AT SEA: A GDMO'S PERSPECTIVE
SURG LT LOUISE MCMENEMY
3. THE EPIDEMIOLOGY OF OPEN FRACTURE IN SPORT: ONE CENTRE'S 15 YEAR RETROSPECTIVE STUDY
WOOD AM, ROBERTSON G, MACLEOD K, HEIL K, KEENAN AC, COURT-BROWN CCB
4. COMPLICATIONS FOLLOWING MEDIAL OPENING WEDGE HIGH TIBIAL OSTEOTOMY FOR MEDIAL COMPARTMENT OSTEOARTHRITIS OF THE KNEE
EVANS JT, WOODACRE T, HOCKINGS M, TOMS A
5. IS KINEMATIC ALIGNMENT ASSOCIATED WITH AN INCREASED INCIDENCE OF EARLY COMPLICATIONS FOLLOWING TOTAL KNEE ARTHROPLASTY?
ARTHUR CHC, PHILLIPS J, TOMS AT, MANDALIA V
6. THE COMBINED TECHNIQUE FOR DISTAL BICEPS REPAIR USING A SOFT TISSUE BUTTON AND BIOTENODESIS INTERFERENCE SCREW: THE PLYMOUTH EXPERIENCE
GUYVER P, SHUTTLEWOOD K, MEHDI R, BRINSDEN M, MURPHY AJ
7. AFGHANISTAN: THE TRAUMA-RELATED AMPUTATION REHABILITATION LEGACY
EDWARDS DS, PHILLIP RD, CLASPER JC
8. SURVEILLANCE OF MUSCULOSKELETAL INJURIES SUSTAINED ON MILITARY OPERATIONS IN AFGHANISTAN
ROBIATI LA, NICOL AM
9. THE PATTERN OF CONTEMPORARY BLAST INJURY IN THE PAEDIATRIC POPULATION
LUPU A, THOMPSON D, CROOKS R. CLASPER J, STAPLEY S, CLOKE D

Session 3: Moderator Surg Cdr T Coltman 1400–1515

1. MUSCULOSKELETAL PATHOLOGY IS RESPONSIBLE FOR THE MAJORITY OF MEDICAL DOWNGRADES IN THE ROYAL AIR FORCE *HINDLE P, PATHAK G*
2. USE OF DISTRACTION OSTEOGENESIS FOR RECONSTRUCTION OF BONE DEFECTS FOLLOWING RESECTION OF PRIMARY MALIGNANT TUMOURS OF LONG BONES
JACOBS N, SUTHERLAND M, STUBBS DA, MCNALLY MA
3. ASSESSMENT OF THE TIMELINESS OF MANAGEMENT OF CLOSED TIBIAL SHAFT FRACTURES IN A MAJOR TRAUMA CENTRE *DAWKINS CL, DIAMENT M, CLARKE A, SHABAHN S, EARDLEY W, PORT A*
4. THE INCIDENCE OF SPORTS INJURIES REQUIRING ROLE 1 OR ROLE 3 INTERVENTION DURING HERRICK 18
RUTHERFORD J, SEMAKULA F
5. EXTREMITY INJURIES PREDOMINATE IN TEN YEARS OF ROYAL NAVY AND ROYAL MARINE CASUALTIES SUSTAINED IN COMBAT IN IRAQ AND AFGHANISTAN
PENN-BARWELL JG, ANTON FRIES C, BENNETT P M, MIDWINTER M, BAKER A
6. CASE SERIES OF PECTORALIS MAJOR RUPTURES REQUIRING OPERATIVE INTERVENTION SUSTAINED ON THE ROYAL MARINES "TARZAN" ASSAULT COURSE
EVANS J T, GUYVER PM, SMITH CD
7. THE CORRELATION BETWEEN PAPER THEATRE RECORDS AND ELECTRONIC RECORDS ON WHIS (WHOLE HOSPITAL INFORMATION SYSTEM)
WOOD T, HINSLEY D
8. MEDIUM-TERM OUTCOMES FOLLOWING LIMB SALVAGE FOR SEVERE OPEN TIBIA FRACTURE ARE SIMILAR TO TRANS-TIBIAL AMPUTATION
MYATT R, PENN-BARWELL JG, BENNETT PM, SARGEANT ID
9. CLINICAL OUTCOMES AT ONE YEAR FOLLOWING 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

Meeting Sponsors

It is with gratitude that we would like to take this opportunity to thank the trade organisations for their support to this years meeting. Many of the companies have demonstrated a longstanding commitment to this meeting and delegates are encouraged to meet with them at the provided opportunities and partake in the quiz.



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