


**British Trauma Society
Annual Clinical Meeting**
14 – 15 May 2009
Programme

Wednesday, 13 May 2009


17:00	Conference Pre-registration <i>Bamburgh Suite</i>
18:00	Synthes UK Industrial Symposium  Innovations in Intramedullary Nailing Symposium <i>Bamburgh Suite</i>
18:00	Registration for Industrial Symposium <i>N.B. Registration for this symposium is not included in the BTS 2009 registration fees</i>
18:25	Welcome P. Giannoudis; <i>Leeds General Infirmary, UK</i>
18:30	Trochanteric vs. piriformis fossa entry point A.D. Patel; <i>Norfolk and Norwich University Hospitals, UK</i>
18:45	Femoral nailing: Segmental fracture patterns, ipsilateral acetabulum/pelvic fractures, tips & tricks C. Court-Brown; <i>Royal Infirmary of Edinburgh, UK</i>
19:00	Retrograde femoral nailing: Avoiding complications, clinical results S.J. Matthews; <i>Oxford Radcliffe Hospitals Trust, UK</i>
19:15	IM reaming and latest advances: Reamer Irrigator Aspirator (RIA) P. Giannoudis; <i>Leeds General Infirmary, UK</i>
19:30	Discussion
19:45	Hands-on exercise: RIA, Expert Lateral Femoral, Nail, Angular Stable Locking System and Faculty P. Giannoudis and faculty; <i>Leeds General Infirmary, UK</i>
20:30	Summary and close P. Giannoudis; <i>Leeds General Infirmary, UK</i>
20:35	Buffet

**British Trauma Society
Annual Clinical Meeting
14 – 15 May 2009
Programme**

Thursday, 14 May 2009

08:15	Registration	
	1A: General Trauma <i>Bamburgh Suite</i>	1B: General Trauma <i>Platinum Suite</i>
09:00	<p>[1A.1] A cross-sectional survey of current management of isolated sternal fractures in the UK: Time for evidence based practice A. Ramavath*, J. Kulangara, M. Hossain, J. Andrew; <i>Ysbyty Gwynedd Hospital, UK</i></p>	<p>[1B.1] Are we requesting unnecessary preoperative blood tests in ASA 1 patients undergoing minor orthopaedic trauma surgery? S. Alazzawi*, W. Sprenger De Rover, T. Leary, P. Hallam; <i>Norfolk and Norwich University Hospital, UK</i></p>
	<p>[1A.2] Pre-hospital haemostatic dressings: A systematic review J. Granville-Chapman*, N. Jacobs, M.J. Midwinter; <i>Royal Centre for Defence Medicine, UK</i></p>	<p>[1B.2] Investigation into the feasibility of the 24 hour target for trauma in a district general hospital A.H.M. Blunt, A. Ardolino, D. Webb*, S.P. Walsh; <i>Dorset County Hospital, UK</i></p>
	<p>[1A.3] The demographics of trauma cases over 6 years in a regional trauma centre C.J. Mullan*, D. Kealey; <i>Royal Victoria Hospital, UK</i></p>	<p>[1B.3] Hope on a trauma unit: The views of staff and patients E. Tutton*^{1,2}, K. Seers², D. Langstaff¹; ¹<i>John Radcliffe Hospital, UK</i>, ²<i>University of Warwick, UK</i></p>
	<p>[1A.4] Analysis of injuries and deaths caused by firearms in England and Wales M.J. Davies*, F.E. Lecky; <i>University of Manchester, UK</i></p>	<p>[1B.4] Cardiac arrest: A trauma algorithm M. Abu-Habsa*¹, D. Peacock²; ¹<i>Oxford University Hospitals, UK</i>, ²<i>James Paget University Hospital, UK</i></p>
	<p>[1A.5] A retrospective review of the trauma call practice at a district general hospital G. Abbas*, H. Draper; <i>Kingston Hospital NHS Trust, UK</i></p>	<p>[1B.5] "Desert Challenges"- an overview of field care for a desert endurance race M.Z. Choudhury*¹, S. Petherbridge²; ¹<i>Brighton & Sussex University Hospitals, UK</i>, ²<i>Automobile & Touring Club of the UAE, United Arab Emirates</i></p>
	<p>[1A.6] The potential health impacts of increased mobile phone use for contacting emergency services in life threatening trauma and emergency events K.M. Willett*¹, O. Wu², T. Kemp³, A. Gray¹, K. MacIntyre², A. Briggs²; ¹<i>University of Oxford, UK</i>, ²<i>University of Glasgow, UK</i>, ³<i>Oxford Radcliffe Hospitals, UK</i></p>	<p>[1B.6] Efficacy of propranolol in wound healing for hospitalized burn patients A.A. Mohammadi¹, A. Bakhshae Kia*¹, P. Alibeigi¹, M.K. Mohammadi²; ¹<i>Shiraz University of Medical Sciences, Iran</i>, ²<i>Islamic Azad University, Iran</i></p>
	<p>[1A.7] The management of a complex trauma - a survey of the perceived training needs of a UK junior orthopaedic surgeon W.G.P. Eardley¹, D.M. Taylor*², P.J. Parker³; ¹<i>Northern Deanery, UK</i>, ²<i>Yorkshire Deanery, UK</i>, ³<i>Friarage Hospital, UK</i></p>	<p>[1B.7] Cow-related trauma; a 10 year review of injuries admitted to a single institution C.G. Murphy*, C. McGuire, N. O'Malley, P. Harrington; <i>Our Lady of Lourdes Hospital, Ireland</i></p>
	<p>[1A.8] Epidemiological analysis of adult fractures in 5 years. Reports from a Chinese Orthopaedic Hospital over 60,000 fractures cases Y. Zhang, B. Li*; <i>The 3rd Hospital of Hebei Medical University, China</i></p>	<p>[1B.8] Does negative microscopy mean no infection in septic arthritis? W.S. De Rover*, S. Alazzawi, P. Hallam; <i>Norfolk and Norwich University Hospital, UK</i></p>
	<p>[1A.9] Orthopaedic trauma service utilisation - Is there more than what meets the eye? U. Rethnam*, B. Ramesh, N. Clay; <i>Glan Clwyd Hospital, UK</i></p>	<p>[1B.9] Comparison of trauma and elective income in a busy DGH - has David overcome Goliath? H.A. Kazi*, A. Acharya; <i>North Cheshire Hospitals NHS Trust, UK</i></p>
10:30	Refreshments	
	<i>Bamburgh Suite</i>	


	2A: Open Fractures – Vascular injuries <i>Bamburgh Suite</i>	2B: General Trauma – Soft tissue reconstruction <i>Platinum Suite</i>
10:45	[2A.1] Time to debride? The primary treatment of open tibial fractures and rates of subsequent infection R.W. Trickett*, E. Harding, D. Nguyen, T. Potokar, I. Pallister; <i>Morrison Hospital, UK</i>	[2B.1] Peroneal tendons plasty for lateral instability of the ankle: A new surgical technique R. Somellera Caraveo ^{1,2} , H. Cabrera-Palacios ^{2,3} , M. Maru ⁴ ; ¹ <i>American British Cowdray Hospital, Mexico</i> , ² <i>Hospital Angeles de Mexico, Mexico</i> , ³ <i>Lübeck University Hospital, Germany</i> , ⁴ <i>James Cook University Hospital, UK</i>
	[2A.2] Management of open tibial fractures: A 3-year regional review in Northern Ireland J.R.M. Craig ^{2,3} , L.L. Damkat-Thomas ^{1,2} , P.R. Bell ² , M.G. McMullan ¹ , B.J. Fogarty ^{1,2} ; ¹ <i>Ulster Hospital, UK</i> , ² <i>Royal Victoria Hospital, UK</i> , ³ <i>Altnagelvin Hospital, UK</i>	[2B.2] Repair of achilles tendon rupture under endoscopic control A. Fortis*, A. Dimas, A. Lamprakis; <i>Panarcadian General Hospital, Greece</i>
	[2A.3] Arterial perforator assessment in lower limb trauma - how reliable are hand held dopplers? N.S. Bali, S. Karkhanis*, K. Alo, S. Tzortzis, M. Athanasiadou, S. Azad; <i>University Hospital Birmingham, UK</i>	[2B.3] Attitudes to sport and rehabilitation: Influence on outcome following ACL reconstruction H.B. Colaco*, S. Oussedik, B. Paton, F.S. Haddad; <i>University College London Hospital, UK</i>
	[2A.4] Management of gunshot injuries of the humerus S.M.A. Shah, S.I.A. Shah*, S.J.A. Shah, S. Alam; <i>AO Clinic, Pakistan</i>	[2B.4] Anterior cruciate ligament reconstruction using quadruple strand hamstring autografts and biodegradable femoral cross-pin: Results of a single surgeon in a district general hospital T. Singh*, S. Noor, E. Mughal, S. Chugh; <i>New Cross Hospital, UK</i>
	[2A.5] The presence and pattern of vascular insufficiency in the older patient suffering an unstable ankle fracture: The relationship to skin and wound complications K.M. Willett ¹ , B. Gray ¹ , S. Lamb ¹ , A. Handa ¹ , S. Lamb ¹ , R. Handley ² ; ¹ <i>University of Oxford, UK</i> , ² <i>Oxford Radcliffe Hospital, UK</i>	[2B.5] Ipsi- versus contralateral patellar tendon graft in anterior cruciate ligament reconstruction: Short-term outcomes J.R.W. Brownrigg ¹ , S. Jari ² ; ¹ <i>University Hospital of South Manchester, UK</i> , ² <i>Salford Royal NHS Foundation Trust, UK</i>
		[2B.6] Knee injuries in the floating knee U. Rethnam ^{1,2} , R. Nair ¹ ; ¹ <i>Glan Clwyd Hospital, UK</i> , ² <i>St John's National Academy of Health Sciences, India</i>
	[2A.7] Immediate reconstruction of crushed leg A.M.F. Elshahat; <i>Ain Shams University, Egypt</i>	[2B.7] The value of early MRI in acute knee injury: A randomised controlled trial N.K. Patel*, A. Bucknill, J. Denning, D. Ahearne, K. Desai, M. Watson; <i>West Middlesex University Hospital, UK</i>
	[2A.8] Management of peripheral vascular trauma in Kashmir, India A.M. Dar*, A. Shafiq, R.A. Wani, A.G. Ahanger; <i>Sher-i-Kashmir Institute of Medical Sciences, India</i>	[2B.8] Delayed presentations of crush injury and the controversies surrounding the missed compartment or wipe out syndrome D.M. Crone, A. Bridgens*, G. Bhatnagar, S. Owen-Johnstone; <i>The Royal London Hospital, UK</i>
	[2A.9] Is tibial pilon fracture primarily a soft tissue injury? M. Ramappa*, A. Bajwa, A. Port; <i>James Cook University Hospital, UK</i>	[2B.9] Exposure and experience: A survey of UK Orthopaedic Trainees exposure to limb threatening trauma W.G.P. Eardley ¹ , D.M. Taylor ² , P.J. Parker ³ ; ¹ <i>Northern Deanery, UK</i> ² <i>Yorkshire Deanery, UK</i> , ³ <i>Friarage Hospital, Northallerton, UK</i>
	[2A.10] The predictive value of the mangled extremity severity score for the severely traumatized upper extremity V. Giordano*, A. Hototian, J.P. Pina, V. Vidigal, N.P. Amaral, R.P. Albuquerque; <i>Hospital Municipal Miguel Couto, Brazil</i>	[2B.10] Pattern of tendon and nerve injuries: How accurate is pre-op diagnoses? S. Venkatachalam*, P. Gillespie, F. Iwuawagwu; <i>Broomfield Hospital, UK</i>
12:30-12:50	Keynote lecture [K1] New technologies for the enhancement of skeletal repair T. Einhorn; <i>Boston University, USA</i>	
		<i>Bamburgh Suite</i>

13:00 – 14:00	Lunch	
	Poster Session One	<i>Bamburgh Suite</i>
13:00-14:00	Industrial Symposium Bridging the divide: Trauma, infection, controversy and control  Sponsored by Pfizer Inc Conference chair P. Giannoudis; Leeds, UK <i>Platinum Suite</i>	
13:00	Welcome and introductions Peter Giannoudis; <i>Consultant in Trauma and Orthopaedics, St James' University Hospital, Leeds, UK</i>	
13:05	Meeting targets: Direction within the controversy Rob Townsend; <i>Consultant in Microbiology, Northern General Hospital, Sheffield, UK</i>	
13:20	MRSA case notes: The surgeon's perspective Rhidian Morgan-Jones; <i>Consultant in Orthopaedics, University Hospital of Wales, UK</i>	
13:35	Putting theory into practice: The 'Going Home' initiative Kathy Bamford; <i>Consultant in Medical Microbiology, Imperial College, London, UK</i>	
13:50	Discussion and close Peter Giannoudis	
	3: BTS – DGU joint session Foot and ankle trauma <i>Bamburgh Suite</i>	
14:00	[3.1] Osteosynthesis of pilon fractures: Tips and tricks H. Zwipp; <i>Unfallkrankenhaus Berlin, Germany</i>	
14:12	[3.2] Talar neck fractures: Optimal fixation M. Wich; <i>Achenbach Hospital King Wusterhausen, Germany</i>	
14:24	Os Calcis fractures: Open questions A.D. Patel; <i>Norfolk and Norwich University Hospital, UK</i>	
14:48	Linsfrac injuries P. Giannoudis; <i>University of Leeds, UK</i>	
	4A: Trauma - Miscellaneous <i>Bamburgh Suite</i>	4B: Osteoporosis <i>Platinum Suite</i>
15:00	[4A.1] Orthopaedic trauma research priority setting exercise and development of a research network K. Willett ¹ , B. Gray ^{*1} , C. Moran ¹ , P. Giannoudis ¹ , I. Pallister ¹ ; ¹ University of Oxford, UK, ² University of Leeds, UK, ³ Swansea University, UK, ⁴ University of Nottingham, UK	[4B.1] Bisphosphonates following fragility fracture: Are we prescribing enough? A.J. Highcock ^{*1} , D. Cohen ¹ , M. Manning ² , J.H.F. Tsang ¹ ; ¹ Royal Liverpool University Hospital, UK, ² St Helen's & Knowsley Teaching Hospital, UK
	[4A.2] Payment by results (PbR) in orthopaedic trauma: Where are we losing? N.S. Harshavardhana ² , A. Sahu ^{*3} , S. Maret ⁴ , A. Sangar ¹ , P. Jairaj ¹ , S.W. Richards ¹ ; ¹ Poole General Hospital NHS Trust, UK, ² Nottingham University Hospitals NHS Trust, UK, ³ Stepping Hill Hospital, UK, ⁴ Southampton University Hospitals NHS Trust, UK	[4B.2] Improving osteoporosis assessment in the fracture clinic P.I. Akimau ^{*2} , C.P. Charalambous ¹ , C. Mosey ¹ , E. Johnstone ¹ , T.K. Gullett ¹ , R.A. Wilkes ¹ ; ¹ Hope Hospital, UK, ² Newcastle General Hospital, UK
	[4A.3] A practical VTE risk assessment score tool for patients treated with lower limb cast immobilisation J. Keenan, M.J. Hall [*] , T.J.C. Nokes; <i>Derriford Hospital, UK</i>	[4B.3] Biomechanical evaluation of a cemented vs. non-augmented gamma-nail screw in the osteoporotic model of the femoral head H. Cabrerias-Palacios [*] , A. Paech, E. Wilde, R. Wendlandt, A.P. Schulz; <i>University Hospital Lübeck, Germany</i>
	[4A.4] A biomechanical comparison of retrograde supracondylar nail with LISS plate in distal femur fractures N. Prasad ^{*1} , C. Topliss ² , I. Pallister ² , S. Evans ³ ; ¹ University Hospital of Wales, UK, ² Morrison Hospital, UK, ³ Cardiff University, UK	[4B.4] The influence of osteoporosis in femoral fracture healing time N.K. Kanakaris [*] , C. Tzioupis, V.S. Nikolaou, A. Papathanasopoulos, P.V. Giannoudis; <i>Leeds General Infirmary, UK</i>
	[4A.5] Outcome in distal femur fractures. A comparison of LISS plates versus supracondylar nails L. McGonagle [*] , S. Hakkalamani, P. Mereddy, F.A. Carroll; <i>Wirral University Teaching Hospital NHS Foundation Trust, UK</i>	[4B.5] Second fragility hip fractures O. Okonkwo, C.D. Jensen, P.I. Akimau [*] , J.P. Holland; <i>Newcastle General Hospital, UK</i>

	[4A.6] Economics of ankle fractures V. Paringe*, A. Khurana, E. Drew, K. Mohanty; <i>University Hospital of Wales, UK</i>	[4B.6] Fragility fractures: An audit of post traumatic osteoporosis management S.S. Goonewardene*, K. Mangat, I.D. Sargeant, K. Porter; <i>University of Birmingham, UK</i>
16:00	Keynote lecture [K2] Is it foolish to preserve a shattered lower limb? P. Reynders; <i>University of Leuven, Belgium</i>	
16:20	Refreshments	
	5A: Proximal femoral fractures <i>Bamburgh Suite</i>	5B: Proximal femoral fractures <i>Platinum Suite</i>
16:35	[5A.1] What implants should we be using to treat hip fractures? Review of practice by multi-centre hip fracture reaudit in England in comparison to Scottish Intercollegiate Guideline Network (SIGN) guidelines A. Sahu*, N.P.M. Jain, S. Dalal, G.A. Cook, B.D. Todd; <i>Stepping Hill Hospital, UK</i>	[5B.1] Femoral head histology after fractured neck of femur - how useful is it? M. Abu Shameh ¹ , S. Masud ^{1,2} , A. Shoaib ¹ ; ¹ <i>Stockport NHS Foundation Trust, UK</i> , ² <i>Ysbyty Gwynedd, UK</i>
	[5A.2] Predicting patient mortality using the Nottingham Hip Fracture score C. Chadwick, J. Morgan, D. Bowe*; <i>Northern General Hospital, UK</i>	[5B.2] A randomised controlled trial to compare the haemodynamic changes during the fixation of extracapsular proximal femoral fractures using the compression hip screw versus the intramedullary hip screw M. Ahmad*, R. Bhattacharya, R. Nanda, A. Bajwa, G. Danjoux, A. Hui; <i>James Cook University Hospital, UK</i>
	[5A.3] Hemiarthroplasty versus internal fixation for displaced intracapsular hip fractures: The long-term follow-up of a randomised trial T.J. Halsey*, G. Pryor, K. Gurusamy, M.J. Parker; <i>Peterborough General Hospital, UK</i>	[5B.3] Role of lateral view radiographs in the management of intra capsular neck femur fractures R. Reddy, T. Korim, C. Wildin, U. Saleem*; <i>University Hospitals of Leicester, UK</i>
	[5A.4] Antibiotic usage in fractured neck of femur patients with clostridium difficile associated diarrhoea M. Pelli ^{1*} , A. Bhangu ¹ , C. Agar ² , L. Pickard ² , S. Chugh ¹ , M. Cooper ¹ ; ¹ <i>New Cross Hospital Wolverhampton, UK</i> , ² <i>University of Birmingham, UK</i>	[5B.4] The AO/ASIF proximal femoral nail antirotation (PFNA): A new design for the treatment of unstable proximal femoral fractures P.K.R. Mereddy*, S. Kamath, M. Ramakrishnan, M.H.A. Malik, N.J. Donnachie; <i>Wirral University Teaching Hospital, UK</i>
	[5A.5] Hip fractures: Does the age influence acute hospital stay, time delay to surgery and acute care costs? R. Verma*, A. Rigby, C. Shaw, A. Mohsen; <i>Hull Royal Infirmary, UK</i>	[5B.5] An indepth analysis of why decision of conservative management of hip fractures was made in 50 patients: A pilot audit study done in Northwest of England A. Sahu*, M. Rashid, S. Dalal, B.D. Todd, G.A. Cook; <i>Stepping Hill Hospital, UK</i>
	[5A.6] A multi-centre evaluation of the fast track process for patients with a diagnosis of fractured neck of femur: Is it safe, effective and quick? B. Ollivere ^{1*} , R. Brankin ² , C. Darrah ¹ , N. Chirodian ¹ , M. Wood ² , J. Wimbhurst ¹ ; ¹ <i>Norfolk & Norwich University Hospital NHS Trust, UK</i> , ² <i>West Suffolk Hospital NHS Trust, UK</i>	[5B.6] Cancellation of orthopaedic trauma cases R. Walton*, R. Ravi, P. Pidikiti, N. Vora; <i>Mersey Deanery, UK</i>
	[5A.7] Lean thinking: A value stream approach for improving care of hip fracture patients D. Chakrabarti ^{1,2} , T. Yousri ^{1,2} , Z. Khan ^{1,2} , R.J. Fernandes ^{1,2} , K.H.A. Wahab ^{1,2} ; ¹ <i>Good Hope Hospital, UK</i> , ² <i>Heart of England NHS Trust, UK</i>	[5B.7] Irreducible subtrochanteric fractures treated by open reduction and internal fixation with cables and proximal femoral nailing P.K.R. Mereddy*, R. Shariif, B. Kapoor, M. Ramakrishnan, J.C. Kaye; <i>Wirral University Teaching Hospital, UK</i>
	[5A.8] Progressive change in femoral neck shaft angle with age J. Wilson ¹ , W. Eardley ² , S. Odak ¹ , A. Jennings ¹ ; ¹ <i>County Durham and Darlington Foundation Trust, UK</i> , ² <i>Northern Deanery, UK</i>	[5B.8] Periprosthetic fractures of the femur after total hip arthroplasty G.M. Calori*, M. d'Imporzano, L. Tagliabue; <i>Istituto Ortopedico Gaetano Pini, Italy</i>
18:00–19:00	British Trauma Society AGM	
19:30	Optional Conference Dinner at The Centre of Life	

Friday, 15 May 2009

	6A: Polytrauma <i>Bamburgh Suite</i>	6B: General trauma <i>Platinum Suite</i>
08:30	[6A.1] The epidemiology of major injury in the UK R. Alexandrescu ^{*1} , M. Woodford ¹ , S.J. O'Brien ¹ , F.E. Lecky ^{1,2} ; <i>University of Manchester, UK, Trauma Audit and Research Network</i>	[6B.1] Early detection of life threatening intracranial haemorrhage using a portable near infrared spectroscopy device B. Kessel ^{*1} , I. Jeroukhimov ² , I. Ashkenazi ¹ , M. Oren ¹ , A. Halevy ² , R. Alfici ¹ ; ¹ <i>Hillel Yaffe Level 2 Trauma Center, Israel</i> , ² <i>Assaf Harofe Level 2 Trauma Center, Israel</i>
	[6A.2] The mechanism of injury, the injury severity score and initial outcome of all trauma calls at a district general hospital from August 2006 to August 2007 R. Lawton ^{*1,2} , R. Atijosan ^{1,2} , G. Biring ^{1,2} ; ¹ <i>Stoke Mandeville Hospital, UK</i> , ² <i>Wycombe General Hospital, UK</i>	[6B.2] Whole body computed tomography during trauma resuscitation - effect on survival S. Huber-Wagner ^{*1} , R. Lefering ² , L.M. Qvick ¹ , M. Körner ¹ , W. Mutschler ¹ , K.-G. Kanz ¹ ; ¹ <i>Ludwig-Maximilians-University, Germany</i> , ² <i>University Witten/Herdecke, Germany</i>
	[6A.3] Establishing a trauma system for London – the Healthcare for London Trauma Project T.D. Parr [*] , S. Danielli; <i>Healthcare for London, UK</i>	[6B.3] Influence of Proanthocyanidin on blunt traumatized lungs after mustard gas exposure (battle imitated environment) O. Yucel, H. Caylak, A. Gozubuyuk [*] , O. Genc; <i>Gulhane Military Medical Academy, Turkey</i>
	[6A.4] RTAS - Case fatality rate, crash injury rate and motor vehicles: Time trends between a developed and developing country S.S. Goonewardene [*] , K. Baloch, K. Porter, K. Mangat; <i>University Hospital Birmingham, UK</i>	[6B.4] Developing a spinal clearance protocol for unconscious paediatric trauma patients L.S. Hutchings [*] , R. Atijosan, C. Burgess, K. Willett; <i>John Radcliffe Hospital, UK</i>
	[6A.5] Daylight Savings Time (DST) transition: The effect on serious or fatal road traffic collision related injuries J. Alsousou ^{*1} , T. Jenks ² , O. Bouamra ² , F. Lecky ² , K. Willett ¹ ; ¹ <i>Oxford University, UK</i> , ² <i>Trauma Audit & Research Network, UK</i>	[6B.5] Damage control orthopaedics - are plastic surgeons aware of the concept? E. Wilson ¹ , A. Ardolino ^{2*} , I. Pallister ³ ; ¹ <i>Norfolk and Norwich Hospital, UK</i> , ² <i>Dorset County Hospital, UK</i> , ³ <i>Morrison Hospital, UK</i>
	[6A.6] Motorcycle related neurotrauma in Ireland and the introduction of the SHARP programme R. Murphy [*] , L. McEvoy, M.O. Kelleher, C. Bolger, J. Phillips; <i>Beaumont Hospital, Ireland</i>	[6B.6] CT scanning to assess fracture fusion reduces the need for subsequent surgery in conservatively managed atlanto-axial fractures A.J. Highcock [*] , D. Cohen, L. Moulton, K. Rourke, M. de Matas, R. Pillay; <i>Royal Liverpool University Hospital, UK</i>
	[6A.7] Models of mortality probability in severe traumatic brain injury M. Moazzez Lesko [*] , O. Bouamra, T. Jenks, M. Woodford, F. Lecky; <i>The Trauma Audit and Research Network, UK</i>	[6B.7] Needle tip position and injection site in lumbar selective nerve root blocks: A prospective audit of accuracy of the procedure A.L. Khan [*] , D. Fender, M.J. Gibson, P.L. Sanderson; <i>Newcastle General Hospital, UK</i>
	[6A.8] Definitive major fracture surgery after damage control & in isolated injuries - a pragmatic approach to timing is safe D. Avis ^{*1} , W. Francis ² , J. Stanley ¹ , J. de Dios Robinson ¹ , I. Pallister ^{1,2} ; ¹ <i>Morrison Hospital, UK</i> , ² <i>University of Swansea, UK</i>	[6B.8] Identification of a specific combination of scapular fractures and use of Ipsilateral Acromioclavicular separation to predict associated neurovascular injury C.P. McGarvey [*] , S. Lambert; <i>Royal National Orthopaedic Hospital, UK</i>
	[6A.9] Transfer times and outcome for patients with extradural haematoma in the East Midlands G. Fuller [*] , P. Yeoman; <i>Queens Medical Centre, UK</i>	[6B.9] Clinical experience with VAC-Instill treatment for septic- arthritis and infected implants R. Boer, C.S. Modi [*] , W.K. Ho, A. Saithna, M. Krkovic; <i>UHCW, UK</i>
10:00	Keynote lecture [K3] Osteosynthesis of fracture 50 years on: The AO group contribution P. de Boer; <i>AO Foundation, Switzerland</i>	
		<i>Bamburgh Suite</i>
10:20	Refreshments	
		<i>Bamburgh Suite</i>

	7A: Pelvis – Acetabulum – lower limb <i>Bamburgh Suite</i>	7B: General upper – lower limb <i>Platinum Suite</i>
10:35	[7A.1] A national survey on the management of thrombo-prophylaxis in pelvic and acetabular trauma patients E. Guryel*, R. Pearce, M. Rickman, M. Bircher; <i>St George's Hospital, UK</i>	[7B.1] Operative fixation of proximal humerus fractures in patients with decreased bone mineral density J. McCaul*, A.D. Cooney, A.J. Brooksbank; <i>Glasgow Royal Infirmary, UK</i>
	[7A.2] A comparison of autologous cell salvage versus allogenic blood transfusion in patients undergoing pelvic and acetabular trauma surgery S. Chaudhry*, M. Coombe, J. Cooper; <i>University Hospital Birmingham, UK</i>	[7B.2] Functional follow-up of locking plate fixation of fractures of the proximal humerus K.N. Sharafeldin*, J.F. Quinlan, J. Corrigan, I.P. Kelly; <i>Waterford Regional Hospital, Ireland</i>
	[7A.3] Lateral compression type I injuries of the pelvic ring: Are they mechanically stable? N.K. Kanakaris*, C. Tzioupis, V.S. Nikolaou, P.V. Giannoudis; <i>Leeds General Infirmary, UK</i>	
	[7A.4] Operative treatment of transverse acetabular fractures: Is it really necessary to fix both columns? V. Giordano*, N.P. Amaral, A. Pallottino, R.P. Albuquerque, C.E. Franklin; <i>Hospital Municipal Miguel Couto, Brazil</i>	[7B.4] Segmental tibial fractures stabilized with the Less Invasive Stabilization System. Study of twenty-three consecutive acute segmental tibial fractures P. Reynders; <i>University Hospital Leuven, Belgium</i>
	[7A.5] Clinical outcomes following reconstruction of anterior column - anterior wall fractures of the acetabulum R.K. Mallina*, N.K. Kanakaris, C. Tzioupis, P.V. Giannoudis; <i>Leeds General Infirmary, UK</i>	[7B.5] Proximal tibial fractures: Early experience using polyaxial locking plate technology P.V. Giannoudis ¹ , N.K. Kanakaris* ¹ , V.S. Nikolaou ¹ , D. Horwitz ² , S. Semd ² , G. Haidukewych ² ; ¹ <i>Leeds General Infirmary, UK</i> , ² <i>Florida Orthopaedic Institute, USA</i>
	[7A.6] The effect of intramedullary reaming on a diaphyseal bone defect of the tibia P.R.T. Kuzyk* ^{1,2} , J.E.D. Davies ^{1,2} , E.H. Schemitsch ¹ ; ¹ <i>Univeristy of Toronto, Canada</i> , ² <i>St. Michael's Hospital, Canada</i>	[7B.6] Retrograde internal fixation of three part proximal humerus factures using Halder Humeral Nail J. Newman ¹ , R. Mallina* ¹ , G. Walsh ^{1,2} , S.C. Halder ^{1,2} ; ¹ <i>Leeds Teaching Hospitals, UK</i> , ² <i>Calderdale & Huddersfield NHS Foundation Trust, UK</i>
	[7A.7] Femoral intramedullary lengthening nails P. Monga*, R.A. Wilkes; <i>Hope Hospital, UK</i>	[7B.7] Polyaxial locked implants in the treatment of periprosthetic fractures of the femur H. Cabrerias-Palacios* ¹ , A.P. Schulz ^{1,2} , J. Meiners ¹ , M. Faschingbauer ¹ ; ¹ <i>BG Trauma Hospital Hamburg, Germany</i> , ² <i>University Hospital Lübeck, Germany</i>
	[7A.8] Expandable nailing system for tibial shaft fractures A. Fortis*, A. Dimas, A. Lamprakis; <i>Panarcadian General Hospital, Greece</i>	[7B.8] Dynamic versus static external fixation for distal radius fractures: A systematic review C.S. Modi*, K. Ho, M. Odumenya, R. Boer; <i>Warwick Orthopaedics, UK</i>
12:00	Keynote lecture [K4] Current concepts in radial head fractures J. Rueger; <i>University of Hamburg, Germany</i>	<i>Bamburgh Suite</i>
12:20-13:20	Lunch Poster session two	<i>Bamburgh Suite</i>
12:20-13:20	Industry symposium Osigraft (BMP-7) in non union management sponsored by Stryker Biotech 	<i>Platinum Suite</i>
	Chair: P. Giannoudis; Leeds, UK	
	Experience Osigraft BGU Ldwigshafen and GGU Murnau Additional: Relation serum TGF-b levels and prediction for non union G. Zimmermann; <i>Ludwigshafen, Germany</i>	
	Distraction osteogenesis and delayed union/non-union: Is there a role for growth factors? R. Montgomery; <i>Middlesborough, UK</i>	
	Cost analysis Osigraft usage P. Giannoudis; <i>Leeds University, UK</i>	

13:20	BTS Fellowship Experience lecture: Working in Malawi R. Freeman	
	8A: Lower limb trauma <i>Bamburgh Suite</i>	8B: Lower limb trauma <i>Platinum Suite</i>
13:30	[8A.1] Tribial pilon fracure classification: A review M. Ramappa*, A. Bajwal, J. Webb, P. Mackenney, T. Huil, A. Port; <i>James Cook University Hospital, UK</i>	[8B.1] The posterolateral shearing tibial plateau fracture: Treatment and results via a modified posterolateral approach J. Tao, D.-H. Hang, Q. Wang*; <i>Shanghai Jiao Tong University, China</i>
	[8A.2] Comparison of outcome following either one or two screws for medial malleolar fracture fixation Y.R.S. Shah*, R.F. Faroug, T.M. Myszewski, T.A.S. Syed, A.S.F. Floyd, M.H.W. Wetherill; <i>Milton Keynes Hospital NHS Foundation Trust, UK</i>	[8B.2] Malpositional rates following femoral intramedullary nailing A. Gough*, A. Metcalfe, A. Robertson, S. White, B. Stew; <i>University Hospital of Wales, UK</i>
	[8A.3] Results of ankle joint arthrodesis by triangular external fixation for posttraumatic arthrosis J. Kiene ¹ , H. Cabrerias Palacios* ² , A.P. Schulz ^{1,2} ; ¹ <i>University Hospital Lübeck, Germany</i> , ² <i>BG Trauma Hospital Hamburg, Germany</i>	[8B.3] The Taylor Spatial frame in the management of complex acute tibial fractures - a single surgeon series P.M. Robinson*, S.A. Khan; <i>Salford Royal Hospital NHS Foundation Trust, UK</i>
	[8A.4] Ankle fractures: Impact of timing of surgery S.P. Adamson, R. Trickett*, P. Hodgson, K. Mohanty; <i>University Hospital Wales, UK</i>	[8B.4] The Taylor Spatial Frame for the management of lower limb trauma - our early experiences in a UK District General Hospital setting S.A. Hazarika*, R. Kakwani, A.N. Murty; <i>Wansbeck General Hospital, UK</i>
	[8A.5] Distal tibial fractures: To nail or to plate? That is the question. A case controlled series of locking compression plate (LCP) vs Intramedullary Nailing for extra-articular distal tibial fractures B. Ollivere*, D. Cumming, M. Al-Hadithi, S. Deakin; <i>West Suffolk Hospital NHS Trust, UK</i>	[8B.5] The Ilizarov method for the treatment of segmental tibial fractures K. Tilkeridis*, A.J. Owen, S.L. Royston, M.G. Dennison, M. Vinsent, G. Vashista; <i>Northern General Hospital, UK</i>
	[8A.6] Interobserver and intraobserver reliability of calcaneal fracture classification systems N. Howells, A. Hughes*, M. Jackson, J. Livingstone, R. Atkins; <i>Bristol Royal Infirmary, UK</i>	[8B.6] Management of paediatric tibial shaft fractures with the Taylor Spatial Frame M. Padman, S. Shah*, S.S. Madan, S. Jones, J.A. Fernandes; <i>Sheffield Children's Hospital, UK</i>
	[8A.7] Pilon fractures. Could ever have a good outcome? Comparison of our experience with English literature S. Kapetanakis* ^{1,2} , K. Papadomichelakis ^{1,2} , K. Alpantaki ¹ , G. Kontakis ¹ , P. Katonis ¹ ; ¹ <i>University Hospital of Crete, Greece</i> , ² <i>General Hospital of Aghios Nikolaos, Greece</i>	[8B.7] Complications of elastic stable intramedullary nails in paediatric fractures A. Nisar, S. Jones, A. Bhosale*, J.A. Fernandes, S. Madan, M. Flowers; <i>Sheffield Children's Hospital, UK</i>
	[8A.8] Minimally invasive percutaneous plate osteosynthesis of distal tibial fractures: A multicentred review of 36 patients M. Sukeik* ¹ , M. Maru ¹ , C. Lennox ² ; ¹ <i>University Hospital of North Tees, UK</i> , ² <i>University Hospital of Hartlepool, UK</i>	[8B.8] A biodegradable scaffold for the treatment of a diaphyseal bone defect of the tibia P.R.T. Kuzyk* ^{1,2} , E.H. Schemitsch ^{1,2} , J.E.D. Davies ¹ ; ¹ <i>University of Toronto, Canada</i> , ² <i>St. Michael's Hospital, Canada</i>
	[8A.9] Fifth metatarsal base fractures- outcome and its effect on time to return to work R. Gudena, S. Morgan*, J. Sanchez-Ballester; <i>St Helens and Knowsley Teaching Hospitals, UK</i>	[8B.9] Results of use of bone morphogenic protein-2 (BMP-2) in the treatment of long bone fracture non-union – a series of 25 cases N. Ramisetty*, A. Nargol; <i>Northtees General Hospital, UK</i>
	[8A.10] Peri-prosthetic knee - management in interlocking plates M. Akula*, J. Parker, N. Muthukumar, S. Gopal; <i>Hull Royal Infirmary, UK</i>	[8B.10] BMPs and non-unions: A prospective randomised clinical study on 120 patients G..M Calori*, W. Albisetti, T. Tagliabue; <i>University of Milan, Italy</i>
	[8A.11] Results of Dall Miles cable plate fixation for periprosthetic fractures of femur B.M. Sabnis*, D.J. Chesney; <i>NHS Fife, UK</i>	[8B.11] Can changing the mechanical environment increase the speed of fracture healing? A pilot study in tibial fractures. C.B. Howard* ¹ , O. Elishoov ² , Y. Matan ² , R. Mosheiff ² , M. Liebergall ² ; ¹ <i>Macabee Health Clinic, Israel</i> , ² <i>Hadassah University Hospital, Israel</i>

15:20	Refreshments		<i>Bamburgh Suite</i>
	9A: Upper limb trauma	9B: Upper- lower limb trauma	<i>Platinum Suite</i>
	<i>Bamburgh Suite</i>		
15:35	[9A.1] Uncomplicated displaced supracondylar humer fractures in children - complications in early versus delayed management M.K. Pullagura, S. Odak*, M. Ahmad, R. Pratt; <i>North Tyneside General Hospital, UK</i>	[9B.1] A review of the functional results of 258 adult distal radius fractures S. Gupta*, R. Peacock, M. Al-Maiyah, S. Muller; <i>Wansbeck General Hospital, UK</i>	
	[9A.2] Surgical treatment of complex distal humeral fractures: Internal fixation using pre-contoured anatomical elbow plates K. Theivendran, P.J. Duggan*, S.C. Deshmukh; <i>Birmingham City Hospital, UK</i>	[9B.2] Management of large traumatic segmental defects of the femur with the Capanna technique T.M. Bishop*, H. Ridha, J. Bernard, D. Gateley, M. Vesely; <i>St George's Hospital, UK</i>	
	[9A.3] Management of 5th Metacarpal Fractures: A survey of current practice among upper limb surgeons in UK A. Sahu*, S. Batra, V. Upadhyay, S.S. Gujral, M. Srinivasan; <i>Royal Blackburn Hospital, UK</i>	[9B.3] Do Creatine Kinase (CK) levels influence the diagnosis or outcome in patients with compartment syndrome S. Sinha*, U. Ihedioha, A.C. Campbell, <i>Monklands Hospital, UK</i>	
	[9A.4] Brunelli reconstruction for scapholunate instability - Results from a district hospital U. Rethnam*, B. Ramesh, N. Clay; <i>Glan Clwyd Hospital, UK</i>	[9B.4] Clopidogrel and hip fracture: A case series of 798 patients to one year D.R. Wordsworth, M.J. Parker, R. Griffiths, T.Halsey*; <i>Peterborough District Hospital, UK</i>	
	[9A.5] Surgical outcome of capitellum fracture fixation L. Bayam ² , K.R. Prathap Kumar* ¹ , P.R. Wykes ¹ , J.G. Warner ¹ , S.P. Hodgson ¹ ; ¹ <i>Royal Bolton Hospital, UK</i> , ² <i>Wrightington Hospital, UK</i>	[9B.5] The effect of compartment syndrome and fasciotomies on the healing of closed tibial diaphyseal fractures S. Fogerty, C. Tzioupis, V.S. Nikolaou, N.K. Kanakaris*, P.V. Giannoudis; <i>Leeds General Infirmary, UK</i>	
	[9A.6] Volar 'locking-plates' versus percutaneous wires in the treatment of dorsally displaced fractures of the distal radius: A short term functional outcome study P. Hull, H. Whalley*, M. Gohil; <i>University Hospital Coventry and Warwickshire, UK</i>	[9B.6] A radiographic comparison of quality of operative reduction of distal third tibial fractures. Locking plate versus intra-medullary nail fixation D.S. Inman*, I.A. McMurtry; <i>James Cook University Hospital, UK</i>	
	[9A.7] Outcome following polarus nail for displaced surgical neck of humerus fractures: Has a change in implant design reduced metalwork complications? S. Masud*, C.P. Charalambous, A. Sahu, S. Batra, C.D. Warren-Smith, M.J. Ravenscroft; <i>Stepping Hill Hospital, UK</i>	[9B.7] Periprosthetic hip fractures: How much are they costing your hospital? R.W. Westerman*, R. Slack; <i>Queen Elizabeth the Queen Mother Hospital, UK</i>	
	[9A.8] Buttress plating for unstable dorsal fracture-dislocations of the proximal interphalangeal joint T. Singh*, A. Lakdawala, V. Rajaratnam, D. Power, M. Craigen; <i>University Hospital Birmingham, UK</i>	[9A.8] Four-Score Years and Ten: The fracture epidemiology of the super-elderly N. Clement*, C.M. Court-Brown; <i>Royal Infirmary of Edinburgh, UK</i>	
17:00	Summary and closure		<i>Bamburgh Suite</i>
17:30	Conference closes		