



Article

Reproducibility of partial weight bearing

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BRITISH TRAUMA SOCIETY

CELEBRATING 15 YEARS OF COMMITMENT TO TRAUMA CARE

ANNUAL CLINICAL MEETING

14TH AND 15TH OCTOBER 2004

THE ROYAL ARMOURIES MUSEUM, LEEDS



ROYAL ARMOURIES MUSEUM

THE FINAL PROGRAMME

THURSDAY 14TH OCTOBER

08:30 REGISTRATION- THE WELLINGTON

09:00 INTRODUCTION TO THE BRITISH TRAUMA SOCIETY ANNUAL MEETING 2004

PROF. PETER GIANNOUDIS, PRESIDENT OF THE BRITISH TRAUMA SOCIETY

BURY THEATRE 09:25-11:05 TRAUMA IN GENERAL- CHAIRPERSON- MR ROSSITER

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|-------|--|-------|--|
| 09:25 | Trauma Meetings – Setting the Standard <ul style="list-style-type: none">• IR McNamara, JR Crawford, D Edwards | 10:15 | The relationship between the ISS and revised trauma score with the probability of survival for our trauma patients and how this compares with the predicted relationship. <ul style="list-style-type: none">• F Attar, .P. Simms |
| 09:35 | A Prospective Study Of Trauma Calls Conducted At A District General Hospital <ul style="list-style-type: none">• S R Sampalli, R Thakur, R Shrivastava | 10:25 | Testing The Validity Of The ATLS Classification Of Hypovolaemic Shock <ul style="list-style-type: none">• HR Guly, O Bouamra, FE Lecky |
| 09:45 | A Year Of Trauma Registry In A Busy Urban Teaching Hospital <ul style="list-style-type: none">• C Aylwin, M Lee, M Walsh | 10:35 | An Epidemiological Analysis Of Blunt Ocular Trauma In A City Hospital- The Tip Of The Iceberg <ul style="list-style-type: none">• SA Lalchan |
| 09:55 | Comparison Of Patient Characteristics And Mortality In Severely Injured Patients In Two Major Trauma Centres In The Australia And The United Kingdom <ul style="list-style-type: none">• H Budd, M Almond, Prof. P Danne, P Oakley | 10:45 | The Use Of Multimedia Messaging In The Referral Of Musculoskeletal Limb Injuries to a Tertiary Trauma Unit Using: A One Month Evaluation. <ul style="list-style-type: none">• H Archbold, AR Guha, S Shyamsundar, SJ McBride, R Wray |
| 10:05 | Which AIS Based Scoring System (ISS, NISS, AISMAX) Is the Best Predictor of Outcome In Patients With Blunt Trauma <ul style="list-style-type: none">• PJ Harwood, C Probst, PV Giannoudis, M Van Griensven, C Krettek, HC Pape | 10:55 | Monitoring Training Standards of Orthopaedic Trauma Surgery- How Effective is the SAC System? <ul style="list-style-type: none">• N Jain, Professor K Willett |

CHURCHILL ROOM 09:25-11:05 TRAUMA IN GENERAL- CHAIRPERSON- MR DUNSMUIR

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|-------|--|-------|--|
| 09:25 | Gun Shot Wounds In Belfast <ul style="list-style-type: none">• R Gupta, R Thonse, D Kealey | 10:15 | Assessment Of A Fracture Outpatient Rapid Review Process <ul style="list-style-type: none">• A.Beiri, A.Alani, G.Taylor |
| 09:35 | Do As I Say, Not As I Do: A Five Year Review Of Abdominal Stab And Gunshot Injuries <ul style="list-style-type: none">• Watson, JP Coleman, MH Robinson, CA Maxwell-Armstrong | 10:25 | Use Of Fluoroscan (Mini C Arm) In Orthopaedics <ul style="list-style-type: none">• SB Singh, BI Singh, CC Jones, A Zubair, P Housden |
| 09:45 | Infection In Surgically Treated Civilian Gunshot Wounds On Extremities <ul style="list-style-type: none">• N Hulse, J Giannas, Prof. DA McGrouther | 10:35 | Physical Examination Of The Carpal Bones By Orthopaedic And Accident And Emergency Surgeons: A Prospective Survey <ul style="list-style-type: none">• N Jayasekera, N Akhtar, JP Compson |
| 09:55 | Misplacement Of Chest Drain In Acute Chest Injuries-Ct Scan Interpretation Of 61 Chest Drains <ul style="list-style-type: none">• NM Ramisetty, L Senthil, C Walker, J Reynolds, K Porter | 10:45 | Pre-Incident Psychiatric Morbidity Amongst Personal Injury Claimants <ul style="list-style-type: none">• T Asumu |
| 10:05 | Functional Recovery 18 Years After Polytrauma: A Comparison Between Workers' Compensation And Non-Workers' Compensation Patients <ul style="list-style-type: none">• BA Zelle, MT. Vogt, M Panzica, NA. Sittaro, H Duhme, R Lohse, C Krettek, HC. Pape | 10:55 | Plaster Cast Immobilisation During Air Travel Analysis Of Current Practice And Aircraft Simulated Experimental Study <ul style="list-style-type: none">• NR Senbaga, EM Davies, R Miller, M Glanfield, S Lambert, D O'Connor |

COFFEE IN THE WELLINGTON 11:05-11:20

**11.20 GUEST LECTURE BURY THEATRE- THE IMPACT OF THE 2004 OLYMPIC GAMES ON HEALTH CARE PROVISION
DR ZOIS STAVROU- ATHENS, GREECE.**

BURY THEATRE 11:50- 13:00 SPORTS RELATED TRAUMA- CHAIRPERSON- DR STAVROU

<p>11:50 Traumatic Knee Dislocation. Outcome In ACL Deficient Knees • <i>SIM Umarji, H Matthews, JSP Bell</i></p> <p>12:00 ACL reconstruction with and without tourniquet • <i>R Gupta, K Saeed, FJ Labuschagne</i></p> <p>12:10 Reproducibility Of Partial Weight Bearing • <i>A Malviya, J Richards, RK Jones, A Udwardia, J Doyle</i></p>	<p>12:20 Ultrasound As A Pre-Selection Tool For Achilles Tendon Rupture Management • <i>S.David, S.Ostlere, Prof.K.Willett</i></p> <p>12:40 Biomechanical Evaluation Of Fiberwire As A Tension Band In Olecranon Fracture Fixation • <i>A Shoaib, A Guha, R Balendran, Jh Kuiper</i></p> <p>12:50 Influence Of Weather Conditions In The Incidence Of Admissions In An Acute Orthopaedic Ward In A District General Hospital • <i>M Ahmad, M Khatri, T Hildreth, GS Roysam, AM Nanu, AT Cros</i></p>
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CHURCHILL ROOM 11:50- 13:00 TRAUMA AND INFECTION- CHAIRPERSON- MR BRITTEN

<p>11:50 Power Tools' Splash • <i>A.Alani, I.Mackie</i></p> <p>12:00 Infection Risk Of Air-Powered Tools In Orthopaedic Surgery • <i>JB Newman, MJ Fehily, I Siddique, GI Shepard</i></p> <p>12:10 Total Hip Arthroplasty: Bacterial Contaminants And Their Sensitivity To Currently In Use Prophylactic Antibiotics • <i>M Al-Maiyah, D Hill, A Bajwa, A Port, P J Gregg</i></p>	<p>12:20 Early Experience With Linezolid For Resistant Infections In Orthopaedics • <i>PJ Harwood, , M Grotz, Prof PV Giannoudis</i></p> <p>12:40 Epidemiology And Distribution Of Human Bites: Spotting The Undeclared Injury • <i>CG Wallace, CE Robertson</i></p> <p>12:50 Primary Repair Of Mammalian Bite Wounds-A Review • <i>RM Jose, R Vidyadharan, D Roy, M Erdman</i></p>
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LUNCH IN THE WELLINGTON 13:00- 14:00

**14:00 GUEST LECTURE BURY THEATRE- WHAT'S NEW IN THE MANAGEMENT OF OSTEOPOROTIC FRACTURES IN THE ELDERLY
PROF. CHARLES COURT-BROWN- EDINBURGH, UK.**

BURY THEATRE 14:25-15:45 HIP FRACTURES IN THE ELDERLY- CHAIRPERSON- PROF. COURT-BROWN

<p>14:25 Osteoporosis and fragility fractures – underrated and under diagnosed. • <i>RK Choudhary, SJ Clements, JM Murray</i></p> <p>14:35 The mortality of hip fracture surgery in a District General Hospital over a four year period. Identification of an at risk group of patients who sustained in hospital fractures. • <i>PD Hamilton., A Whelan., P Pettit., AS Skyrme,</i></p> <p>14:45 Outcome Prediction of Fractured Neck of Femur using Orthopaedic POSSUM. Which variables matter? • <i>S.Blanckley, D.Wright, G.J.Stewart, G.Copeland</i></p> <p>14:55 Smoking and hip fracture: a study of 3617 cases • <i>P. Johnston, K. Gurusamy, M.J. Parker</i></p>	<p>15:05 Is blood transfusion a risk factor for adverse events following hip fracture? • <i>P. Johnston, H. Wynn-Jones, D. Chakravarty, A. Boyle, M.J. Parker</i></p> <p>15:15 Fractures Of The Pelvic Ring And The Hip Due To A Fall – Are They Mutually Exclusive? • <i>A Sharma, P Lakshmanan, K Lyons</i></p> <p>15:25 Computer assisted surgery for hip fractures • <i>Shah, S Malek, R Phillips, W Viant, A Mohsen, KP Sherman</i></p> <p>15:35 Surgical Delay In Acute Admissions On Warfarin: Are We Doing Enough? • <i>R Bansal, DK Watson</i></p>
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CHURCHILL ROOM 14:25-15:45 HIP FRACTURES IN THE ELDERLY- CHAIRPERSON- MR WILLETT

<p>14:25 Post operative radiographs following hip fracture surgery: A National Audit. Do they influence in patient management? • <i>J Chakravarthy, A Qureshi, K Porter, A Patel</i></p> <p>14:35 Check Radiographs After Dynamic Hip Screw Fixations –Do We Need Them Routinely? • <i>H.V. Kurup, A.L.R. Michael, A.R.Beaumont</i></p> <p>14:45 Is two views too many? A new x-ray protocol for fractured neck of femur patients • <i>S Matthews, P Grieve</i></p> <p>14:55 Is C-Arm The Imaging Technique Of Choice For The Fixation Of Femoral Neck Fractures? • <i>M. K. Allami, A. Massraf, K. Sommer, P. V. Giannoudis, H.C. Pape, C. Krettek, T. Gerich</i></p>	<p>15:05 The value of the fracture type in predicting immediate loss of stabilization of intertrochanteric fractures of the hip • <i>M K Allami, A Massraf, K Sommer, M Grotz, P V Giannoudis, HC Pape, C Krettek, T Gerich</i></p> <p>15:15 Patterns Of DHS Failure- A Classification • <i>ALR. Michael, A Kansal, NRC. Kumar, N Kumar</i></p> <p>15:25 Revision of failed DHS – Analysis of results • <i>ALR Michael, A Kansal, NRC Kumar, J Saravanagesh, N Kumar</i></p> <p>15:35 The treatment of intertrochanteric fractures by a new intramedullary implant: the Holland Nail. • <i>PD Hamilton, DS Elliott.</i></p>
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COFFEE IN THE WELLINGTON 15:45- 16:05

BURY THEATRE 16:05-17:35 FEMORAL FRACTURES- CHAIRPERSON- MR. PATEL

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| 16:05 | Alterations in the Systemic Inflammatory Response Following Damage Control and Early Total Care for Femoral Shaft Fracture <ul style="list-style-type: none">• <i>PJ Harwood, PV Giannoudis, M Van Griensven, C Krettek, HC Pape</i> | 16:45 | Retrograde femoral nail for distal femoral fractures. <ul style="list-style-type: none">• <i>YR Shah, K Mohanty</i> |
| 16:15 | Long Term Results of Intramedullary Supracondylar Nailing for Distal Femoral Fractures <ul style="list-style-type: none">• <i>P Kuntal, A Kapoor, P Golwala, R Daveshwar</i> | 16:55 | Clinical and Radiological Results of Retrograde Femoral Nailing in Elderly Patients with Supracondylar femoral fractures. <ul style="list-style-type: none">• <i>S El-Kawy, A Ashley, H Shalaby, SS Geeranavar</i> |
| 16:25 | Reaming during anterograde femoral nailing: is it worth it? <ul style="list-style-type: none">• <i>S Ahmed, AS Aster, MC Forster</i> | 17:05 | The Risk of Local Infection Following Damage Control for Femoral Shaft Fractures <ul style="list-style-type: none">• <i>PJ Harwood, PV Giannoudis, C Probst, K Grimme, C Krettek, HC Pape</i> |
| 16:35 | Accelerated Bone Healing in Patients with Femoral Fracture and Head Injury <ul style="list-style-type: none">• <i>S Mushtaq, S Kambhampati, J Parker, HC Pape, A Mohammed, PV Giannoudis</i> | 17:15 | Experience with the Targon PF nail <ul style="list-style-type: none">• <i>H Pervez, MJ Parker</i> |
| | | 17:25 | The use of the fixation expandable intramedullary nail in pathological and osteoporotic long bone fractures <ul style="list-style-type: none">• <i>A Foster, G Jackson, MJ Fehily, DRM Redfer</i> |

CHURCHILL ROOM 16:05-17:35 COMPLICATIONS RELATED TO ELDERLY FRACTURES- CHAIRPERSON- MR BRANFOOT

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| 16:05 | Displaced Intracapsular Hip Fractures in the Alcohol-ABUSING Patient <ul style="list-style-type: none">• <i>AT Stearns, R Ashraf, MC Jaberoo, AD Maclean. EF Wheelwright</i> | 16:45 | Management of peri prosthetic femur fractures. Are plating systems the answer ? <ul style="list-style-type: none">• <i>DD Shukla, C Mukundan, Munshi</i> |
| 16:15 | Non-Vascularised Fibular Grafting In The Management Of Neglected Fracture Neck Femur <ul style="list-style-type: none">• <i>S Alam Khan, Prof. S. Rastogi</i> | 16:55 | Delayed surgery for femoral neck fracture increases overall 1-year mortality rate in patients fit for surgery on admission. <ul style="list-style-type: none">• <i>PJH Sloper, AD Patel</i> |
| 16:25 | Preserving the short external rotators during hemiarthroplasty of the hip using the posterior approach: An anatomical study. <ul style="list-style-type: none">• <i>L Vanderstraeten, L Pine, R Soames, M Binns</i> | 17:05 | A Review of 104 Metastatic Pathological Hip Fractures <ul style="list-style-type: none">• <i>TK Rowlands, MJ Parker</i> |
| 16:35 | Incidence of peri-prosthetic fractures in cemented as compared to un-cemented hip hemiarthroplasty. <ul style="list-style-type: none">• <i>S Sadek</i> | 17:15 | Closed reduction of Colles' fractures – What is best? Haematoma block or IV sedation. <ul style="list-style-type: none">• <i>D Sunderamoorthy, A Proctor, J Murray</i> |
| | | 17:25 | A biomechanical analysis of the LCP Vs LC-DCP in an Osteoporotic bone model. <ul style="list-style-type: none">• <i>M Snow, G Thompson, PG Turner</i> |

FRIDAY 15 OCTOBER 2004

BURY THEATRE 08:30-09:20 BIOMECHANICS- CHAIRPERSON- MR KRIKLER

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| 08:30 | Mechanical testing of Bioresorbable screws and plates <ul style="list-style-type: none">• <i>MM Kulkarni, A Reeves, T Chesser, AJ Ward</i> | 09:00 | The Effect Of Intra-Articular Fracture Line Orientation On Articular Loading, Wear And Fracture Healing: An In Vitro and In Vivo Study <ul style="list-style-type: none">• <i>S Morris, C Buckley, D Cottell, D Fitzpatrick, D Mc Cormack, JM Fitzpatrick.</i> |
| 08:40 | Arthroscopic assisted reduction and fixation of intra-articular fractures of lower end radius <ul style="list-style-type: none">• <i>V Gupta, ST Sivaraman, S Rastogi</i> | 09:10 | Radiological outcome of Volar Locking Plate versus Manipulation and K wire in treatment of dorsally displaced distal radius fracture. <ul style="list-style-type: none">• <i>G Chami, A Sott, S Chockalingham</i> |
| 08:50 | How should radial neck fractures be fixed? A biomechanical analysis <ul style="list-style-type: none">• <i>F Lam, I Kurta, S Karmani, J Cunningham, D Mok</i> | | |

CHURCHILL ROOM 08:30-09:20 BIOMECHANICS- CHAIRPERSON- MR PALLISTER

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| 08:30 | Study to describe the morphology of a series of clavicles & the dimensions of its intramedullary canal. <ul style="list-style-type: none">• <i>M Ahmad, MJ Trehwella, NC Bayliss</i> | 09:00 | An in-vitro analysis of the pressure distribution at the wire-bone interface in ring fixators. <ul style="list-style-type: none">• <i>T N Board, L Yang, Prof M Saleh</i> |
| 08:40 | Biomechanical testing of Locking Compression Plates: Is distance between bone and implant significant? <ul style="list-style-type: none">• <i>M Ahmad, R Nanda, AS Bajwa, J Candal-Couto, S Green, AC Hui</i> | 09:10 | Proximal Humerus Fracture in the Osteoporotic Bone: Should one use a Nail or Plate device? - A Biomechanical Study <ul style="list-style-type: none">• <i>R Nanda, AS Bajwa, M Ahmad, S Green, PJ Gregg, A Port</i> |
| 08:50 | Diastasis Screw in distal tibiofibular joint <ul style="list-style-type: none">• <i>P Rao, R Gleeson, W Harries</i> | | |

09:20 GUEST LECTURE BURY THEATRE– ADVANCES MADE IN ACETABULAR RECONSTRUCTION
PROF. DR. TIM POHLEMANN- HOMBURG, GERMANY

BURY THEATRE 09:45- 10:55 PELVIC FRACTURES- CHAIRPERSON-PROF. POHLEMANN

09:45	Biochemical Modulation Following Spinal, Pelvic & Acetabular And Lower Extremity Skeletal Surgery: Prospective, Cohort Study To Quantify The Burden of Surgery <ul style="list-style-type: none"> • <i>MK. Allami, J. Fischer, K. Sommer, M. van Griensven, M. Grotz, PV. Giannoudis, C. Krettek. HC. Pape</i> 	10:25	Functional outcome of surgically treated fractures of the acetabulum <ul style="list-style-type: none"> • <i>VD. Varghese, SP. Lazarides, AM. Nanu, G. DeKiewiet, PJ. Gill, AT. Cross</i>
09:55	Damage control surgery in patients in extremis with unstable pelvic fracture <ul style="list-style-type: none"> • <i>A Gänsslen, HC Pape, T Hüfner, C Krettek</i> 	10:35	A study of the functional and radiological outcome of posterior wall fractures of the acetabulum treated surgically, comparing those with and without marginal impaction of the articular surface. <ul style="list-style-type: none"> • <i>MM Kulkarni, AJ Ward</i>
10:05	New patterns of injury in lateral compression pelvic fractures <ul style="list-style-type: none"> • <i>IA McMurtry, S Roth, H Kreder</i> 	10:45	Re-evaluation of Low Molecular Weight Heparin in The Thromboprophylaxis of Pelvic and Acetabular Trauma Surgery <ul style="list-style-type: none"> • <i>RP Baker, D Smart, TJS Chesser, AJ Ward</i>
10:15	The use of the Stoppa Approach in the operative treatment of pelvic and Acetabular trauma <ul style="list-style-type: none"> • <i>M McErlain, O Khan, A Ward, T Chesser</i> 		

CHURCHILL ROOM 09:45- 10:55 SPINAL AND LOWER LIMB INJURIES- CHAIRPERSON- MR RAO

09:45	Whiplash - What are the levels of symptoms and neck movements at 9.5 years. A controlled study <ul style="list-style-type: none"> • <i>SJ Robinson, ME Lovell</i> 	10:25	The Impact of Injuries below the Knee Joint on the Long-Term Functional Outcome Following Polytrauma <ul style="list-style-type: none"> • <i>BA. Zelle, M Panzica, NA. Sittaro, H Duhme, R Lohse, C Krettek, H-C. Pape</i>
09:55	Angular Stable Compression Plate Fixation Of The Femur – Still Up To Date? <ul style="list-style-type: none"> • <i>A.P. Schulz, R. Theitje, M faschingbauer, C Jurgens</i> 	10:35	Outcome and complications following operative management of Schatzker VI tibial plateau fractures – Experience from a Limb Reconstruction Unit <ul style="list-style-type: none"> • <i>R Kulshreshtha, R Dharmarajan, G Kakarala, J Ong, K Venu, S Phillips, AFG Groom</i>
10:05	Spinal cord injury with vertebral trauma: need for defined management protocol in developing countries. <ul style="list-style-type: none"> • <i>J Mangwani, A Lakdawala, R Bansal, AK Gupta</i> 	10:45	Septic arthritis after tibial head fracture – can knee functionality be salvaged? <ul style="list-style-type: none"> • <i>AP Schulz, UJ Gerlach, HGK.Schmidt</i>
10:15	Functional Outcome of Burst Fractures of the First Lumbar Vertebra Managed both Surgically and Conservatively <ul style="list-style-type: none"> • <i>JS Butler, A Walsh, J O'Byrne</i> 		

COFFEE IN THE WELLINGTON 10:55- 11:15

11:15 GUEST LECTURE BURY THEATRE- CURRENT CONCEPTS IN THE MANAGEMENT OF FEMORAL NON-UNIONS
DR. MICHAEL MIRANDA- BOSTON, USA.

BURY THEATRE 11:40- 13:00 UPPER LIMB FRACTURES- CHAIRPERSON- DR. MIRANDA

11:40	Non-Operative Management of Proximal Humerus Fracture <ul style="list-style-type: none"> • <i>D Morgan, I Udom, S Gopal, P de Boer</i> 	12:20	Complications of operatively treated fractures of the olecranon <ul style="list-style-type: none"> • <i>A M Thomas, S J Phillips, D P Thomas</i>
11:50	Treatment of proximal humeral fractures with the 'PHILOS' plate <ul style="list-style-type: none"> • <i>A Arya, G Kakrala, G Groom, J Sinha</i> 	12:30	Comminuted Olecranon Fractures – How Not To Shorten Or Lengthen When Applying Internal Fixation <ul style="list-style-type: none"> • <i>F Wadia, S. Kamineni</i>
12:00	Early results using the PHILOS plate system for proximal humeral fractures <ul style="list-style-type: none"> • <i>AS Bajwa, LM Longstaff, P Patil, V Prasanna, A Stirrat, R Liow, A Port, JR Williams</i> 	12:40	Anterior Plate Fixation And Bone Grafting For Symptomatic Non-Union Of Middle Third Of Clavicle <ul style="list-style-type: none"> • <i>B Theruvil, M Rahman, NP Trimmings</i>
12:10	Intramedullary Nailing of Humeral Diaphyseal Fractures <ul style="list-style-type: none"> • <i>M Cleary, JF Quinlan, WR Quinlan</i> 	12:50	Epidemiology, outcome and complications following operative management of Clavicular non-union <ul style="list-style-type: none"> • <i>R Dharmarajan, R Kulshreshtha, KM Venu, J Ong, M Phillips, AFG Groom, S Sinha</i>

CHURCHILL ROOM 11:40- 13:00 WRIST AND HAND INJURIES- CHAIRPERSON- MR LIMB

11:40	Remanipulation rates after reduction of distal radius fractures under haematoma block in the emergency department <ul style="list-style-type: none">• <i>PAL Foster , A Sabananthan , B Venkateswaran , A Watters</i>	12:20	Functional evaluation of intra-articular fractures of lower end radius <ul style="list-style-type: none">• <i>ST Sivaraman, V Gupta, S Rastogi</i>
11:50	Variables affecting stability of distal radius fractures fixed with K wires: A radiological study <ul style="list-style-type: none">• <i>HV Kurup , V Mandalia , B Singh, KA Shaju , RL Mehta, A.R Beaumont</i>	12:30	Functional outcome following distal radial fractures <ul style="list-style-type: none">• <i>Dosani, C. Booth, M. Shameah, P De-Boer</i>
12:00	High failure rate of extraarticular distal radius fracture reduction performed in Accident & Emergency department: Should it be abandoned? <ul style="list-style-type: none">• <i>S Kumar, M Sadri, MZ Ansari, SC Deshmukh</i>	12:40	Metacarpal shaft fractures – a retrospective review of 3 treatment methods <ul style="list-style-type: none">• <i>M.Snow, S.Hakkal, D.Shivarathre, J.Reading, B.N.Muddu</i>
12:10	Internal fixation of fractures of the distal radius <ul style="list-style-type: none">• <i>DM Taylor, RU Ashford, AM Collier</i>	12:50	Paediatric Supracondylar humeral Fractures 10 years experience in a tertiary referral centre <ul style="list-style-type: none">• <i>J Mangwani, R Nadarajah, JMH Paterson</i>

LUNCH IN THE WELLINGTON 13:00- 14:00**BURY THEATRE 14:00- 14:50 TIBIAL FRACTURES- CHAIRPERSON- MR MATTHEWS**

14:00	New nailing technique for Proximal Tibial Fractures <ul style="list-style-type: none">• <i>SG.Thirumalaisamy</i>	14:30	Flap And Frame – The Treatment Of Grade 3 Open Fractures By Tissue Coverage And Ilizarov Frame Fixation <ul style="list-style-type: none">• <i>S Britten, T Branfoot, M Liddington, C Fenn</i>
14:10	Early results of Minimally Invasive Percutaneous Plate Osteosynthesis for fractures of the distal tibia <ul style="list-style-type: none">• <i>H. Cabrerias-Pallacios, SP. Lazarides, AM. Nanu</i>	14:40	Health Related Quality of Life in Trauma Patients Following the Full Spectrum of Tibial Injury (Fasciotomy, Closed Fracture, Open Fracture and Amputation). <ul style="list-style-type: none">• <i>PV Giannoudis, PJ Harwood, R Raman, D Macdonald, S Mathews, SP Kay, P Kind</i>
14:20	Outcome following the use LISS plating for peri-articular knee fractures – Combined experience of two hospitals <ul style="list-style-type: none">• <i>S Bajaj, R Kulshreshtha, G Kakarala, R Dharmarajan, M Veerabahu, K Venu, AFG Groom, S Chauhan</i>		

CHURCHILL ROOM 14:00- 14:50 ANKLE FRACTURES- CHAIRPERSON- MR TEMPLETON

14:00	Ankle fractures: Impact of timing of surgery on hospital stay and resources <ul style="list-style-type: none">• <i>AS Bajwa, C Jensen, F Yousaf, MS Siddique</i>	14:30	Ankle Arthrodesis- Pain Relief Surgery For The Traumatic Osteoarthritis Of The Ankle. A Long Term Follow- Up ; Clinical, Radiological And Patient Satisfaction <ul style="list-style-type: none">• <i>SM Ali, D Knight, C Chukwunyerenwa, A Lynch 10 Years</i>
14:10	The 'fibula nail' for stabilisation of lateral malleolar fractures: the early results <ul style="list-style-type: none">• <i>G Katipalli, I Pallister</i>	14:40	Pathogenesis of injury - The relationship between perception of time and risk of injury <ul style="list-style-type: none">• <i>H Tanaka, K Hariharan</i>
14:20	Hardware Removal After Open Reduction And Internal Fixation Of Calcaneus Fractures <ul style="list-style-type: none">• <i>B Y Ng, B Sankar, M P Maguire, I Siddique, R Mohil, V K Y Soong, A A Henderson</i>		

15:00 PRIZE PRESENTATION IN BURY THEATRE**16:00 CLOSURE**