Reproducibility of partial weight bearing

Malviya, A, Richards, Jim, Jones, R K, Udwadia, A and Doyle, J

Available at https://clok.uclan.ac.uk/3274/


It is advisable to refer to the publisher’s version if you intend to cite from the work.
http://dx.doi.org/10.1016/j.injury.2004.10.004

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THE FINAL PROGRAMME

THURSDAY 14TH OCTOBER

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

09:25 Trauma Meetings – Setting the Standard
   - IR McNamara, JR Crawford, D Edwards

09:35 A Prospective Study Of Trauma Calls Conducted At A District General Hospital
   - S R Sampalli, R Thakur, R Shrivastava

09:45 A Year Of Trauma Registry In A Busy Urban Teaching Hospital
   - C Aylwin, M Lee, M Walsh

09:55 Comparison Of Patient Characteristics And Mortality In Severely Injured Patients In Two Major Trauma Centres In The Australia And The United Kingdom
   - H Budd, M Almond, Prof. P Danne, P Oakley

10:05 Which AIS Based Scoring System (ISS, NISS, AISMAX) Is the Best Predictor of Outcome In Patients With Blunt Trauma
   - PJ Harwood, C Prohst, PV Giannoudis, M Van Grievensen, C Krettek, HC Pape

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.
   - F Attar, P Simms

10:25 Testing The Validity Of The ATLS Classification Of Hypovolaemic Shock
   - HR Guly, O Bouamra, FE Lecky

10:35 An Epidemiological Analysis Of Blunt Ocular Trauma In A City Hospital- The Tip Of The Iceberg
   - SA Lachlan

10:45 The Use of Multimedia Messaging in the Referral of Musculoskeletal Limb Injuries to a Tertiary Trauma Unit Using: A One Month Evaluation.
   - H Archbold, AR Guha, S Shyamsundar, SJ McBride, R Wray

10:55 Monitoring Training Standards of Orthopaedic Trauma Surgery- How Effective is the SAC System?
   - N Jain, Professor K Willett

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

09:25 Gun Shot Wounds In Belfast
   - R Gupta, R Thosne, D Keeley

09:35 Do As I Say, Not As I Do: A Five Year Review Of Abdominal Stap And Gunshot Injuries
   - Watson, JP Coleman, MH Robinson, CA Maxwell-Armstrong

09:45 Infection In Surgically Treated Civilian Gunshot Wounds On Extremities
   - N Hulse, J Giannas, Prof. DA McGrouther

09:55 Misplacement Of Chest Drain In Acute Chest Injuries-Ct Scan Interpretation Of 61 Chest Drains
   - NM Ramisetty, J Senthil, C Walker, J Reynolds, K Porter

10:05 Functional Recovery 18 Years After Polytrauma: A Comparison Between Workers’ Compensation And Non-Workers’ Compensation Patients
   - BA Zelle, MT. Vogt, M Panzica,NA. Sittaro, H Duhme, R Lohse, C Krettek, HC Pape

10:15 Assessment Of A Fracture Outpatient Rapid Review Process
   - A Beir, A Alani, G Taylor

10:25 Use Of Fluoroscan (Mini C Arm) In Orthopaedics
   - SB Singh, BI Singh, CC Jones, A Zabair, P Hausden

10:35 Physical Examination Of The Carpal Bones By Orthopaedic And Accident And Emergency Surgeons: A Prospective Survey
   - N Jayasekera, N Akhtar, JP Compson

10:45 Pre-Incident Psychiatric Morbidity Amongst Personal Injury Claimants
   - T Asanu

10:55 Plaster Cast Immobilisation During Air Travel Analysis Of Current Practice And Aircraft Simulated Experimental Study
   - NR Senbaga, EM Davies, R Miller, M Glanfield, S Lambert, D O’Connor

COFFEE IN THE WELLINGTON 11:05-11:20

11:05-11:20 COFFEE IN THE WELLINGTON

11:20-11:30 COFFEE IN THE WELLINGTON
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

11:50 Traumatic Knee Dislocation. Outcome in ACL Deficient Knees
  • SIM Umarji, H Matthews, JSP Bell
12:00 ACL reconstruction with and without tourniquet
  • R Gupta, K Saed, FJ Labasschagne
12:10 Reproducibility of Partial Weight Bearing
  • A Malviya, J Richards, RK Jones, A Udhwadia, J Doyle
12:20 Ultrasound as a Pre-Selection Tool for Achilles Tendon Rupture Management
  • S David, S Ostlere, Prof. K Willett
12:40 Biomechanical Evaluation of Fiberwire as a Tension Band in Olecranon Fracture Fixation
  • A Shoaib, A Guha, R Balendran, Jh Kuiper
12:50 Influence of Weather Conditions in the Incidence of Admissions in an Acute Orthopaedic Ward in a District General Hospital
  • M Ahmad, M Khatri, T Hildreth, GS Roysam, AM Nanu, AT Cros

Churchill Room 11:50 - 13:00 Trauma and Infection - Chairperson - Mr Britten

11:50 Power Tools’ Splash
  • A Alani, I Mackie
12:00 Infection Risk of Air-Powered Tools in Orthopaedic Surgery
  • JB Newman, MJ Fehily, I Siddique, GI Shepard
12:10 Total Hip Arthroplasty: Bacterial Contaminants and Their Sensitivity to Currently in Use Prophylactic Antibiotics
  • M Al-Maiyah, D Hill, A Bajwa, A Port, P J Gregg
12:20 Early Experience with Linezolid for Resistant Infections in Orthopaedics
  • PJ Harwood, M Grotz, Prof PV Giannoudis
12:40 Epidemiology and Distribution of Human Bites: Spotting the Undeclared Injury
  • CG Wallace, CE Robertson
12:50 Primary Repair of Mammalian Bite Wounds - A Review
  • RM Jose, R Vidyadharan, D Roy, M Erdman

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

14:25 Osteoporosis and Fractures – Underrated and Under Diagnosed
  • RK Choudhary, SJ Clements, JM Murray
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
  • PD Hamilton, A Whelans, P Pettitt, AS Skyrme
14:45 Outcome Prediction of Fractured Neck of Femur Using Orthopaedic POSSUM. Which Variables Matter?
  • S Blankley, D Wright, GJ Stewart, G Copeland
14:55 Smoking and Hip Fracture: a Study of 3617 Cases
  • P Johnston, K Gurusamy, MJ Parker
15:05 Is Blood Transfusion a Risk Factor for Adverse Events Following Hip Fracture?
  • P Johnston, H Wynn-Jones, D Chakravarty, A Boyle, MJ Parker
15:15 Fractures of the Pelvic Ring and the Hip Due to a Fall – Are They Mutually Exclusive?
  • A Sharma, P Lakshmanan, K Lyons
15:25 Computer Assisted Surgery for Hip Fractures
  • Shah, S Malek, R Phillips, W Viant, A Mohsen, KP Sherman
15:35 Surgical Delay in Acute Admissions on Warfarin: Are We Doing Enough?
  • R Bansal, DK Watson

Churchill Room 14:25 - 15:45 Hip Fractures in the Elderly - Chairperson - Mr Willett

14:25 Post Operative Radiographs Following Hip Fracture Surgery: A National Audit. Do They Influence in Patient Management?
  • J Chakravorty, A Qureshi, K Porter, A Patel
14:35 Check Radiographs After Dynamic Hip Screw Fixations – Do We Need Them Routinely?
  • H V Kurup, A L R Michael, A R Beaumont
  • S Matthews, P Grieve
14:55 Is C-Arm the Imaging Technique of Choice For the Fixation Of Femoral Neck Fractures?
  • M K Allami, A Massraf, K Sommer, P V Giannoudis, HC Pupe, C Krettek, T Gerich
15:05 The Value of the Fracture Type in Predicting Immediate Loss of Stabilization of Intertrochanteric Fractures of the Hip
  • M K Allami, A Massraf, K Sommer, M Grotz, P V Giannoudis, HC Pupe, C Krettek, T Gerich
15:15 Patterns of DHS Failure – A Classification
  • A L R Michael, A Kansal, NRC. Kumar, N Kumar
15:25 Revision of Failed DHS – Analysis of Results
  • A L R Michael, A Kansal, NRC. Kumar, J Saravanagamesh, N Kumar
15:35 The Treatment of Intertrochanteric Fractures by a New Intramedullary Implant: the Holland Nail
  • PD Hamilton, DS Elliott
16:05 Alterations in the Systemic Inflammatory Response Following Damage Control and Early Total Care for Femoral Shaft Fracture
- PJ Harwood, PV Giannoudis, M Van Griensven, C Krettek, HC Pape

16:15 Long Term Results of Intramedullary Supracondylar Nailing for Distal Femoral Fractures
- P Kantul, A Kapoor, P Golwala, R Davieswar

16:25 Reaming during anterograde femoral nailing: is it worth it?
- S Ahmed, AS Aster, MC Forster

16:35 Accelerated Bone Healing in Patients with Femoral Fracture and Head Injury
- S Mushiaq, S Kambhampati, J Parker, HC Pape, A Mohammed, PV Giannoudis

16:45 Retrograde femoral nail for distal femoral fractures.
- YR Shah, K Mohanty

16:55 Clinical and Radiological Results of Retrograde Femoral Nailing in Elderly Patients with Supracondylar femoral fractures.
- S El-Kawy, A Ashley, H Shalaby, SS Geeranavar

17:05 The Risk of Local Infection Following Damage Control for Femoral Shaft Fractures
- PJ Harwood, PV Giannoudis, C Probst, K Gimme, C Krettek, HC Pape

17:15 Experience with the Targon PF nail
- H Pervez, MJ Parker

17:25 The use of the fixation expandable intramedullary nail in pathological and osteoporotic long bone fractures
- A Foster, G Jackson, MJ Fahy, DRM Redfer

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

16:05 Displaced Intracapsular Hip Fractures in the Alcohol-ABUSING Patient
- AT Stearns, R Ashraf, MC Jaberoo, AD Maclean, EF Wheelwright

16:15 Non-Vascularised Fibular Grafting In The Management Of Neglected Fracture Neck Femur
- S Alam Khan, Prof. S. Rastogi

16:25 Preserving the short external rotators during hemiarthroplasty of the hip using the posterior approach: An anatomical study.
- L Vanderstraeten, L Pine, R Soames, M Bros

16:35 Incidence of peri-prosthetic fractures in cemented as compared to un-cemented hip hemiarthroplasty.
- S Sadek

16:45 Management of peri-prosthetic femur fractures. Are plating systems the answer?
- DD Shukla, C Mukundan, Munshi

- PJH Sloper, AD Patel

17:05 A Review of 104 Metastatic Pathological Hip Fractures
- TK Bowlands, MJ Parker

17:15 Closed reduction of Colles' Fractures – What is best? Haematoma block or IV sedation.
- D Sunderamworthly, A Proctor, J Murray

17:25 A biomechanical analysis of the LCP Vs LC-DCP in an Osteoporotic bone model.
- M Snow, G Thompson, PG Turner

**FRIDAY 15 OCTOBER 2004**

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

08:30 Mechanical testing of Bioresorbable screws and plates
- MM Kulkarni, A Reeves, T Cheeser, AJ Ward

08:40 Arthroscopic assisted reduction and fixation of intra-articular fractures of lower end radius
- V Gupta, ST Sivaraman, S Rastogi

08:50 How should radial neck fractures be fixed? A biomechanical analysis
- F Lam, I Kurta, S Karmani, J Cunningham, D Mok

09:00 The Effect Of Intra-Articular Fracture Line Orientation On Articular Loading, Wear And Fracture Healing: An In Vitro and In Vivo Study
- DD Shukla, C Mukundan, Munshi

09:10 Radiological outcome of Volar Locking Plate versus Manipulation and K wire in treatment of dorsally displaced distal radius fracture.
- G Chami, A Sott, S Chockalingham

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

08:30 Study to describe the morphology of a series of clavicles & the dimensions of its intramedullary canal.
- M Ahmad, MJ Trewinella, NC Maykiss

08:40 Biomechanical testing of Locking Compression Plates: Is distance between bone and implant significant?
- M Ahmad, R Nanda, AS Bajwa, J Candal-Couto, S Green, AC Hui

08:50 Diastasis Screw in distal tibiofibular joint
- P Rao, R Gleeson, W Harries

09:00 An in-vitro analysis of the pressure distribution at the wire-bone interface in ring fixators.
- T N Board, L Yang, Prof M Saleh

09:10 Proximal Humerus Fracture in the Osteoprotic Bone: Should one use a Nail or Plate device? - A Biomechanical Study
- R Nanda, AS Bajwa, M Ahmad, S Green, PJ Gregg, A Port

09:20...
**BURY THEATRE  09:45-10:55 PELVIC FRACTURES**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chairperson-Prof. Pohlemann</th>
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<tbody>
<tr>
<td>09:45</td>
<td>Biochemical Modulation Following Spinal, Pelvic &amp; Acetabular And Lower Extremity Skeletal Surgery: Prospective, Cohort Study To Quantify The Burden of Surgery • MK. Allami, J. Fischer, K. Sommer, M. van Griensven, M. Grotz, PV. Giannoudis, C. Krettek. HC. Page</td>
<td>10:25 Functional outcome of surgically treated fractures of the acetabulum • VD. Varghese, SP. Lazarides, AM. Nanu, G. DeKiewiet, P.J. Gill, AT. Cross</td>
</tr>
<tr>
<td>10:05</td>
<td>New patterns of injury in lateral compression pelvic fractures • IA McMurtry, S Roth, H Kreder</td>
<td>10:45 Re-evaluation of Low Molecular Weight Heparin in The Thromboprophylaxis of Pelvic and Acetabular Trauma Surgery • RP Baker, D Smart, TJS Chesser, AJ Ward</td>
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<td>10:15</td>
<td>The use of the Stoppa Approach in the operative treatment of pelvic and Acetabular trauma • M McErlain, O Khan, A Ward, T Chesser</td>
<td>10:25 The Impact of Injuries below the Knee Joint on the Long-Term Functional Outcome Following Polytrauma • BA. Zelle, M Panzica, NA. Sittaro, H Duhme, R Lohse, C Krettek, H-C. Page</td>
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**CHURCHILL ROOM  09:45-10:55 SPINAL AND LOWER LIMB INJURIES**

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<tbody>
<tr>
<td>09:45</td>
<td>Whiplash - What are the levels of symptoms and neck movements at 9.5 years. A controlled study • SJ Robinson, ME Lovell</td>
<td>10:25 The Impact of Injuries below the Knee Joint on the Long-Term Functional Outcome Following Polytrauma • BA. Zelle, M Panzica, NA. Sittaro, H Duhme, R Lohse, C Krettek, H-C. Page</td>
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<td>09:55</td>
<td>Angular Stable Compression Plate Fixation Of The Femur – Still Up To Date? • A.P. Schulz, R. Theitje, M faschingbauer, C Jurgens</td>
<td>10:35 Outcome and complications following operative management of Schatzker VI tibial plateau fractures – Experience from a Limb Reconstruction Unit • R Kulshreshtha, R Dharmarajan, G Kakarala, J Ong, K Venu, S Phillips, AFG Groom</td>
</tr>
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<td>10:05</td>
<td>Spinal cord injury with vertebral trauma: need for defined management protocol in developing countries. • J Mangwani, A Lakadawala, R Bansal, AK Gupta</td>
<td>10:45 Septic arthritis after tibial head fracture – can knee functionality be salvaged? • AP Schulz, UJ Gerlach, HGK.Schmidt</td>
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<tr>
<td>10:15</td>
<td>Functional Outcome of Burst Fractures of the First Lumbar Vertebra Managed both Surgically and Conservatively • JS Butler, A Walsh, J O’Byrne</td>
<td>10:25 The Impact of Injuries below the Knee Joint on the Long-Term Functional Outcome Following Polytrauma • BA. Zelle, M Panzica, NA. Sittaro, H Duhme, R Lohse, C Krettek, H-C. Page</td>
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**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.**

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<tbody>
<tr>
<td>11:40</td>
<td>Non-Operative Management of Proximal Humerus Fracture • D Morgan, I Udom, S Gopal, P de Boer</td>
<td>12:20 Complications of operatively treated fractures of the olecranon • A M Thomas, S J Phillips, D P Thomas</td>
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<tr>
<td>11:50</td>
<td>Treatment of proximal humeral fractures with the ‘PHILOS’ plate • A Arya, G Kakrala, G Groom, J Sinha</td>
<td>12:30 Comminuted Olecranon Fractures – How Not To Shorten Or Lengthen When Applying Internal Fixation • F Wadia, S Kamineni</td>
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<td>12:00</td>
<td>Early results using the PHILOS plate system for proximal humeral fractures • AS Bajwa, LM Longstaff, P Patil, V Prasanna, A Stirrat, R Lsiow, A Port, JR Williams</td>
<td>12:40 Anterior Plate Fixation And Bone Grafting For Symptomatic Non-Union Of Middle Third Of Clavicle • B Theruvil, M Rahman, NP Trimmings</td>
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<td>12:10</td>
<td>Intramedullary Nailing of Humeral Diaphyseal Fractures • M Cleavey, JF Quinlan, WR Quinlan</td>
<td>12:50 Epidemiology, outcome and complications following operative management of Clavicular non-union • R Dharmarajan, R Kulshreshtha, KM Venu, J Ong, M Phillips, AFG Groom, S Sinha</td>
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<td>11:40</td>
<td>Remanipulation rates after reduction of distal radius fractures under haematoma block in the emergency department</td>
<td>Mr Limb</td>
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<td>11:50</td>
<td>Variables affecting stability of distal radius fractures fixed with K wires: A radiological study</td>
<td>Mr Limb</td>
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<td>12:00</td>
<td>High failure rate of extraarticular distal radius fracture reduction performed in Accident &amp; Emergency department: Should it be abandoned?</td>
<td>Mr Limb</td>
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<td>12:10</td>
<td>Internal fixation of fractures of the distal radius</td>
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<td>12:40</td>
<td>Metacarpal shaft fractures – a retrospective review of 3 treatment methods</td>
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<td>12:50</td>
<td>Paediatric Supracondylar humeral Fractures10 years experience in a tertiary referral centre</td>
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<td>13:00</td>
<td>Lunch in The Wellington</td>
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<td>14:00</td>
<td>New nailing technique for Proximal Tibial Fractures</td>
<td>Mr Matthews</td>
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<td>14:10</td>
<td>Early results of Minimally Invasive Percutaneous Plate Osteosynthesis for fractures of the distal tibia</td>
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<td>14:20</td>
<td>Outcome following the use LISS plating for peri-articular knee fractures – Combined experience of two hospitals</td>
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<td>14:30</td>
<td>Flap And Frame – The Treatment Of Grade 3 Open Fractures By Tissue Coverage And Ilizarov Frame Fixation</td>
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<td>14:40</td>
<td>Health Related Quality of Life in Trauma Patients Following the Full Spectrum of Tibial Injury (Fasciotomy, Closed Fracture, Open Fracture and Amputation).</td>
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<td>14:00</td>
<td>Ankle fractures: Impact of timing of surgery on hospital stay and resources</td>
<td>Mr Templeton</td>
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<td>14:10</td>
<td>The “fibula nail” for stabilisation of lateral malleolar fractures: the early results</td>
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<td>14:20</td>
<td>Hardware Removal After Open Reduction And Internal Fixation Of Calcaneus Fractures</td>
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<td>14:30</td>
<td>Ankle Arthrodesis- Pain Relief Surgery For The Traumatic Osteoarthritis Of The Ankle. A Long Term Follow-Up : Clinical, Radiological And Patient Satisfaction</td>
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<td>14:40</td>
<td>Pathogenesis of injury - The relationship between perception of time and risk of injury</td>
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**15:00 Prize Presentation in Bury Theatre**

**16:00 Closure**