Glasgow Meeting of Orthopaedic Research

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Guest Speakers:
- Professor Buchholz
- Dr MaryBeth Ezaki
- Dr Rahul Banerjee
- Professor David Souttar
- Ms Jane McEachan
- Mr Graeme Holt
- Mr Neil Wilson
- Mr Mark Blyth
- Mr Tim Hems
- Mr Andrew Kimminworth
- Mr Bryn Jones
- Mr William Leach
- Mr Rashid Abu-Rajab
- UT Southwestern Parkland Hospital, Dallas, Texas
- UT Southwestern Parkland Hospital, Dallas, Texas
- UT Southwestern Parkland Hospital, Dallas, Texas
- North Manchester General Hospital, Manchester
- Crosshouse Hospital, Kilmarnock
- Queen Margaret Hospital, Dunfermline

Faculty:
- Mr Dominic Meek
- Mr Neil Wilson
- Mr Mark Blyth
- Mr Tim Hems
- Mr Andrew Kimminworth
- Mr Bryn Jones
- Mr William Leach
- Mr Rashid Abu-Rajab
- Southern General Hospital, Glasgow
- Yorkhill Hospital, Glasgow
- Glasgow Royal Infirmary, Glasgow
- Victoria Infirmary, Glasgow
- Golden Jubilee Hospital, Clydebank
- Glasgow Royal Infirmary, Glasgow
- Western Infirmary, Glasgow
- Royal Alexandra Hospital, Paisley

Organising committee:
- Mr Duncan Macdonald
- Mr Stephen Grant
- Mr Cameron Elias-Jones
- Mr Mark Frame
- Miss Kim Ferguson

West of Scotland Orthopaedic Research Society
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Welcome

This is the seventh year of the Glasgow Meeting of Orthopaedic Research and we are fortunate to have several internationally renowned speakers.

There have been a fantastic quality of research submissions again this year and we are grateful to you all for your hard work. Collaborations continue to strengthen between clinical departments and academic units from Glasgow University and the University of Strathclyde.

This year will be the second presentation of the Ronald McRae prize for the best podium presentation. Mr McRae was a consultant orthopaedic surgeon in the Southern General Hospital. At the time, the Southern was the first hospital in Scotland to carry out cemented Charnley hip replacements with Ronald McRae helping to lead the way. During his time as a consultant, he published the pocketbook of Clinical Orthopaedic Examination, now in its fifth edition, Practical Fracture Treatment and several more publications followed, including Practical Surgical Exposures. Mr McRae’s last published work was The Pocketbook of Orthopaedics and Fractures.

He passed away in 2012 and in honour of his memory, we are very fortunate to be in the position to again award the Ronald McRae prize this year.

Welcome to GlaMOR 2014 and I look forward to seeing you!

Mr Dominic Meek
President
West of Scotland Orthopaedic Research Society
Directions

Travel directions to the Beardmore Hotel, Clydebank

Rail

Dalmuir Station

Take a low level train from either Glasgow Queen Street or Central Station to Dalmuir Station. The Beardmore Hotel and Conference Centre is situated approximately 10 minutes walk from the station. There are frequent trains running into the city centre and to Loch Lomond, both destinations are approximately a 20 minute journey.

Bus routes

The nearest bus stop is on Dumbarton Road, which is also just a few minutes walk from the hotel. Regular services run towards Glasgow and Dumbarton, Balloch and Helensburgh. From Glasgow city centre you can take the First Glasgow Bus Nos: 68, 204, 205, 215, 216. Please note that the number 62 takes you only as far as the Clydebank bus terminal.

By air

Glasgow International Airport.

Situated at Junction 28a, M8 to the west of Glasgow, the Beardmore Hotel and Conference Centre is approximately a 15 minute drive from the airport. Use M8/M898. Alternatively, there are taxis available at the airport.

Courtesy transfer: The Beardmore Hotel and Conference Centre offers a courtesy transfer to Glasgow International Airport. This is available on request and subject to availability.

Parking: 300 space courtesy car park at the front of the hotel

Glasgow Meeting of Orthopaedic Research

Guest Speakers

Professor Robert Bucholz

Professor Bucholz is an arthroplasty surgeon with an active teaching service at a university hospital. He graduated from Yale University School of Medicine and was in receipt of ABC Traveling Fellowship, the Hip Society’s Frank Stinchfield Award, and the Yale Orthopaedic Distinguished Alumnus Award. He has served as a director of the American Board of Orthopaedic Surgery and a member of the Residency Review Committee of the ACGME. He is a past president of the AAOS, deputy editor for adult reconstruction of the JBJS and co-editor of ‘Rockwood and Green’s Fractures’ textbook. He has over 80 published peer reviewed articles. Prof. Bucholz’s areas of interest include hip and knee arthroplasty and outcome measures in arthroplasty.

Dr. Rahul Banerjee

Dr Banerjee is currently an Assistant Professor of Orthopaedic Trauma at UT Southwester Medical Center and also the Director of the Orthopaedic Surgery Residency Program. He graduated from the University of Chicago Pritzker School of Medicine in 1999 with Alpha Omega Alpha honors and completed his trauma residency at Brown University and Rhode Island Hospital Dept of Orthopaedic Surgery in 2005. He then took up several military chief posts and has also spent time in Iraq as an Orthopaedic Trauma Surgeon in the 332nd Medical Group, United States Air Force. Dr Banerjee has received many awards for his service including Air Force Commendation Medal in June 2009, the Army Commendation Medal in May 2009 and the Army Achievement Medal, March 2008. He has also been heavily involved in teaching, especially with the AO trauma program.

Dr. Marybeth Ezaki

Marybeth Ezaki is the director of the Charles E. Seay, Jr. Hand Center at Texas Scottish Rite Hospital for Children. She received her undergraduate degree from Yale College and her medical degree from Yale University School of Medicine. Dr. Ezaki is Professor of Orthopaedic Surgery and co-director of the hand surgery fellowship at The University of Texas Southwestern medical Center at Dallas. She is a Past President of the American Society for Surgery of the Hand, and is an Associate Editor of Journal of Hand Surgery, Consultant Reviewer of Journal of Bone and Joint Surgery and Journal of Pediatric Orthopaedics, as well as an Editor for the Yearbook of Hand Surgery.

Professor Sochart

Professor Sochart is a Consultant Orthopaedic and Trauma Surgeon in Manchester. After graduating from the University of Aberdeen he did his house jobs in Glasgow; Medicine at the Royal and Orthopaedics at the Western and Gartnavel; before surgical specialty rotations including Orthopaedics at Glasgow Royal. He completed higher surgical training in the North West of England and undertook fellowships at The Centre for Hip Surgery, Wrightington and the Royal Orthopaedic Hospital in Birmingham. He was the BOTA ambassador to the Hong Kong Orthopaedic Association and Combined British and American Hip Societies Traveling Fellow to North America. After a first consultant post at Princess Margaret Rose Orthopaedic Hospital in Edinburgh, he returned to Manchester and was awarded a personal chair at the University of Salford. He has maintained an interest in teaching and research, is an examiner for the Universities in Manchester, Salford and Edinburgh, as well as for the Royal Colleges and a reviewer for the Bone and Joint Journal. He regularly hosts conferences both in the UK and abroad, and has an interest in medical politics as the Chairman elect of the Manchester Division of the BMA.

Ms Jane McEachan

Jane McEachan is a consultant orthopaedic surgeon working in Fife. She graduated from the University of Glasgow and completed her orthopaedic training in the West of Scotland. She is a fellowship trained hand surgeon with a fellowship in Adelaide, South Australia. She currently runs the Hand service within the Fife hospitals with specialist interest in hand and wrist fractures. Her main research interest is in carpal tunnel syndrome.
**Programme**

8.15 – 9.00  Registration and refreshments

9.00 – 9.05  Welcome:  Mr. Bryn Jones, West of Scotland Training Programme Director

9.05 – 10.25  Research presentations

Chairperson:  Mr. Mark Blyth

**THE SUCCESS RATE OF IMAGE-GUIDED NEEDLE BIOPSY FOR MUSCULOSKELETAL TUMOURS**
J. McGlynn, K.B. Ferguson, M. Jane, D. Rithcie, A. Mahendra
Department of Orthopaedics, Glasgow Royal Infirmary, 84 Castle Street, Glasgow G4 0SF

**ENHANCED OSSEOINTEGRATION ON RABBIT TIBIAE USING TITANIUM COATED NANO-PATTERNED IMPLANTS**
Biomedical Engineering Research Division, University of Glasgow, Glasgow, G12 8LS

**HEMARTHROPLASTY FOR HIP FRACTURE – DOES CEMENT INCREASE MORTALITY?**
P.S. Young, R.G. Middleton, C.E. Uzoigwe, R. Smith, H.S. Gosai, G.Holt
Department of Orthopaedics, Crosshouse University Hospital, Kilmarnock

**A NOVEL METHOD OF PREVENTING EMBEDDED METAL DEBRIS WHEN HIGH-SPEED BURRING OF METAL IMPLANTS USING WATER-BASED LUBRICATION GEL**
M. Frame, K.B. Ferguson, B. Jones
Department of Orthopaedics, Glasgow Royal Infirmary, 84 Castle Street, Glasgow G4 0SF

**RELIABILITY OF ANGLE MEASUREMENTS IN THE PAEDIATRIC ANKLE**
N.J. Holloway, M. Kokkinakis, R. Duncan
Department of Orthopaedics, Royal Hospital for Sick Children, Dahnair Street, Glasgow G3 8SJ

**CLINICAL ANATOMY OF THE TRANSVERSE ACETABULAR LIGAMENT**
C. Johnstone, Q. Fogg, K. Deep
Department of Human Anatomy, University of Glasgow, Glasgow G12 8QQ

**ANALYSIS OF OSTEOCLASTOGENESIS/OSTEOLIBATION GENES USING HUMAN BONE MARROW DERIVED CO-CULTURES ON NANOPOINTERALED TITANIA SURFACES**
Department of Orthopaedics, Southern General Hospital, 1345 Govan Road, Glasgow, G51 4TF

**DOES ONE YEAR FOLLOW UP ALTER MANAGEMENT IN TOTAL KNEE AND HIP ARTHROPLASTY?**
S.W. Bell, I. Anthony, B. Jones, M.J.G. Blyth
Department of Orthopaedics, Glasgow Royal Infirmary, 84 Castle Street, Glasgow G4 0SF

**CAN WE PREDICT WHICH DYSPLASTIC HIPS WILL REQUIRE ACETABULAR AUGMENTATION AT PRIMARY TOTAL HIP ARTHROPLASTY?**
A.G. Marsh, A. Nisar, M. El Rofai, R.M.D. Meek, S. Patil
Department of Orthopaedics, Southern General Hospital, 1345 Govan Road, Glasgow G51 4TF

**ROTATIONAL ALIGNMENT OF THE DISTAL FEMUR IN TOTAL KNEE ARTHROPLASTY: AN MRI ANALYSIS**
Department of Orthopaedics, University Hospital Crosshouse, Kilmarnock, KA2 0BE

10.35 – 11.00  Refreshments, trade show and poster exhibition

11.00 – 12.20  Research presentations

Chairperson:  Mr Bill Leach

**THE IMPACT OF TIBIAL COMPONENT OVERTURN ON OUTCOME SCORES AND PAIN IN TOTAL KNEE REPLACEMENT**
Department of Orthopaedics, Southern General Hospital, 1345 Govan Road, Glasgow, G51 4TF

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**GlaMOR Poster Presentations**

**THE CASE FOR A NATIONAL CODE FOR MOUNTAIN BIKE INJURIES**
J.A. Gillespie, P.D. Ferdinand
Department of Orthopaedics, Dumfries and Galloway Royal Infirmary, Bankend Road, Dumfries, DG1 4AP

**TIP APEX DISTANCE IN PERITROCHANTERIC FEMUR FRACTURES**
H. Bradman, A. Winter
Department of Orthopaedics, Ayr Hospital, Dalmellington Road, Ayr, KA6 6DX

**SENSITIVITY, SPECIFICITY AND PRECISION OF MRI AT DIAGNOSIS OF MENISCUS TEARS**
J. Mthethwa, A. Hawkins
Department of Orthopaedics, Dumfries and Galloway Royal Infirmary, Bankend Road, Dumfries, DG1 4AP

**USE OF CEMENTED HEMARTHROPLASTY IN FEMORAL NECK FRACTURE**
Department of Orthopaedics, Southern General Hospital, Govan Road, Glasgow G51 4TF

**INCIDENCE OF WOUND COMPLICATIONS IN FOOT AND ANKLE SURGERY – A PROSPECTIVE STUDY**
A. Mackie, Z. Kaz, K. Shafi
Department of Orthopaedics, Darlington Memorial Hospital, Hollyhurst Road, Darlington, DL3 6HX

**BLEEP ETIQUETTE: AN AUDIT OF HOSPITAL COMMUNICATION**
N. Sciberras, J. Patterson, D MacDonald
Department of Orthopaedics, Royal Alexandra Hospital, Corsebar Road, Paisley, PA2 9PN

**IS THE PATIENT FIT FOR THEATRE? - AUDIT REPORT ON DELAYS DUE TO MEDICAL FITNESS IN HIP FRACTURE PATIENTS**
Department of Orthopaedics, Monklands Hospital, Monkscourt Avenue, Airdrie, ML6 0JS

**AN ILIOSPSOAS MUSCLE ABSCESS MASQUERING AS SCIATICA: A CASE REPORT**
P. Shekida, P.G. Robinson
Department of Orthopaedics, Glasgow Royal Infirmary, 84 Castle Street, Glasgow, G4 0SF

**GROSS TOTAL KNEE REPLACEMENT INSTABILITY RESULTING FROM A MEDIAL FEMORAL CONDYLE EXOSTOSIS: A CASE REPORT**
P. Mahmood, N. Bhattie, M. Hendrix
Department of Orthopaedics, Forth Valley Royal Hospital, Stirling Road, Larbert, FK5 4WR

**SHORT-TERM OUTCOME OF ARTHROSCOPIC DEBRIDEMENT AND WASHOUT FOR SYMPTOMATIC KNEE OSTEARTHRITIS**
J. Mthethwa, A. Hawkins
Department of Orthopaedics, Dumfries and Galloway Royal Infirmary, Bankend Road, Dumfries, DG1 4AP
Glasgow Meeting of Orthopaedic Research

GlaMOR Poster Presentations

ANALYSIS OF PRIMARY CARE REFERRALS TO PAEDIATRIC ORTHOPAEDICS IN GLASGOW
I. Elliott, J.S. Huntley
Department of Orthopaedics, Royal Hospital for Sick Children, Glasgow G3 8SJ

THE OSEOUS ANATOMY OF THE PATELLA: A DESCRIPTION UTILISING COMPUTERISED 3D MODELLING
B. Jamal, M. Quereshi, J. Kimpton, Q. Fogg, A. Pittal
Department of Human Anatomy, University of Glasgow, Glasgow, G12 8QO

e-Posters

BISPHOSPHONATE INDUCED PERI-PROSTHETIC FRACTURE: A CAUSE OF PAINFUL TOTAL HIP REPLACEMENT
R. Bhattacharyya, S. Spence, K. Periasamy
Department of Orthopaedics, Hairmyres Hospital, East Kilbride, G75 8RG

NODULAR FASCITIS: A CASE REPORT
F. Mahmood, D. Robinson
Department of Orthopaedics, Forth Valley Royal Hospital, Larbert FK5 4WR

ASSESSMENT OF THE ADEQUACY OF DESCRIPTIONS OF TESTS FOR NEONATAL DEVELOPMENTAL DYSPLASIA OF THE HIP
J.B.T. Lim, J.S. Huntley
Department of Orthopaedics, Royal Hospital for Sick Children, Glasgow G3 8SJ

CASE REPORT: FINGERTIP INJURY – CONSERVATIVE TREATMENT WITH SERIAL SEMI-PERMEABLE DRESSINGS
E.J. Smith, N.J. Miller
Department of Orthopaedics, Wishaw General Hospital, Wishaw, ML2 0DP

RESULTS OF CLOSED LATERAL RELEASE FOR PATELLOFEMORAL PAIN AND INSTABILITY
N. Lappin, S.L. Chitnis
Department of Orthopaedics, Royal Alexandra Hospital, Paisley, PA2 9PN

THE DIAGNOSTIC POWER OF A HIP MRI
M.J. Davidson, A.H.C. Leung, L.R.D. Wootton, K. Periasamy
Department of Orthopaedics, Hairmyres Hospital, East Kilbride G75 8RG

DIRECT GP REFERRALS TO ON-CALL ORTHOPAEDIC SURGEONS
A. Tanagho, E. Crighton, S. Shewale
Department of Orthopaedics, Dumfries and Galloway Royal Hospital, Dumfies DG1 4AP

PRE-OPERATIVE MORPHINE USAGE IN PATIENTS WITH ACUTE PROXIMAL FEMORAL FRACTURES
E. O’Flaherty, W. Oliver, J. Ruddy, M. Agarwal
Department of Orthopaedics, Monklands General Hospital, Airdrie, ML6 0JS

LATE LINER DISSOCIATION OF A PINNACLE SYSTEM ACETABULAR COMPONENT
S. Edwardson, J. Joseph, R. Abu-Rajab
Department of Orthopaedics, Royal Alexandra Hospital, Paisley, PA2 9PN

COLLATERAL LIGAMENT INJURIES OF THE MCP JOINTS OF THE FINGERS – A MISSED DIAGNOSIS
S.L. Chitnis
Department of Orthopaedics, Royal Alexandra Hospital, Paisley, PA2 9PN

Programme

COMPARISON OF TWO SUTURE MATERIALS FOR CLOSURE OF CARPAL TUNNEL DECOMPRESSIVE WOUND INJURY
H.M. Belts, K.J. Little
Department of Orthopaedics, Western Infirmary, Glasgow, G11 6NT

PASSIVE PRONOSUPINATION IS NOT VALUABLE IN PREDICTION OF RADIUS MALREDUCTION: A CADEVERIC STUDY
D.W. Shields, M.A. Marsh, S.E. Aldridge, J.R. Williams
Department of Orthopaedics, Royal Victoria Infirmary, Newcastle-Upon-Tyne, NE1 4LP

THE IMPORTANCE OF THE ORTHOPAEDIC DOCTOR’S APPEARANCE
Department of Orthopaedics, Royal Infirmary of Edinburgh, Edinburgh, EH16 4SA

THE USE OF XRAYS FOLLOWING ORIF OF DISTAL RADIUS FRACTURES
N.C. Sciberras, S. Millar, D. MacDonald
Department of Orthopaedics, Royal Alexandra Hospital, Paisley, PA2 9PN

SURGICAL DISLOCATION AND OPEN OSTEOCADULAR Impingement: Patient Selection Remains Unclear
M.A. Abdelhalim, J.A. Gillespie, S.R. Patil
Department of Orthopaedics, Southern General Hospital, 1345 Govan Road, Glasgow, G51 4TF

“RESIDENT’S RIDGE”: DOES IT EXISTS? AN ANATOMICAL STUDY
R. Bhattacharyya, A. Ker, G. Fogg, J. Joseph
Department of Human Anatomy, University of Glasgow, Glasgow, G12 8QO

PRIMARY OSSEOUS TUMOURS OF THE ELBOW: LESSONS LEARNT AFTER 60 YEARS OF EXPERIENCE FROM A NATIONAL BONE TUMOUR REGISTRY
S. Spence, M. Halai, S. Gupta, D. Wallace, L. Rymaszewski, A. Mahendra
Department of Orthopaedics, Glasgow Royal Infirmary, 84 Castle Street, Glasgow G4 0SF

CONGENITAL TALIPES EQUINOVARUS IN PATIENTS WITH DOWN’S SYNDROME: EXPERIENCE OF THE UNITED KINGDOM PONSETI USERS GROUP
E.J. Baird, R.D.D. Duncan and the UK PONSETI Users Group
Department of Orthopaedics, Royal Hospital for Sick Children, Dalnair Street, Glasgow G3 8SJ

Invited Presentations: Chairman: Mr Rashid Abu Rajab
12.20 – 12.30 Mr Mark Frame – “Dallas Trauma. The Glasgow Perspective”
12.30 – 12.40 Mr Andrew Wilkinson – A Fellowship Experience Down Under
12.40 – 12.45 Award of Prizes – Mr Dominic Meek
12.45 – 13.30 Lunch, trade and poster exhibition

Chairman: Mr Tim Hams
13.30 – 14.00 Dr. Rahul Banerjee – “Management of Orthopaedic Trauma at Parkland Memorial Hospital”
14.00 – 14.30 Dr. Marybeth Eziak – “Update on Limb Overgrowth Syndromes”
14.30 – 15.00 Ms Jane McEachan – Establishing a culture of investigation in a district general hospital
15.00 – 15.10 Miss Ross Miller – Foot and Ankle Stateside
15.05 – 15.20 Refreshments, trade show and poster exhibition

Chairman: Mr Dominic Meek
15.20 – 15.50 Mr Graeme Holt – Hip fracture management in Scotland – the past, present and future.
15.50 – 16.20 Prof. David Sochart – Everything you always wanted to know about hip replacement
16.50 – 17.00 Thanks and closing remarks
GlaMOR Poster Presentations

POSTER GROUP A

RECURRENTENCE OF VENOUS THROMBOEMBOLISM IN PATIENTS UNDERGOING LOWER LIMB ARTHROPLASTY
A.S. Marsh, K. Panousis, D. Allen
Department of Orthopaedics, Golden Jubilee National Hospital, Agamemnon St, Clydebank G81 4DY

FIVE YEAR EXPERIENCE OF ULTRASOUND SCREENING FOR DEVELOPMENTAL HIP DYSPLASIA IN PATIENTS WITH
CONGENITAL FOOT DEFORMITIES AT YORKHILL HOSPITAL
Z. Higgs, A. Kreslins, J.S. Huntley
Department of Orthopaedics, Royal Hospital for Sick Children, Darnall Street, Glasgow G3 8SJ

MECHANICAL NOISE CORRELATES WITH PATIENT SATISFACTION AFTER CERAMIC-ON-CERAMIC TOTAL HIP
ARTHROPLASTY
J.A. Gillespie, J.W. Kennedy, S.R. Pali, R.M.D. Meek, A. Mohammed
Department of Orthopaedics, Southern General Hospital, 1345 Govan Road, Glasgow G51 4TF

METAL ON METAL HIP REVISION IN SCOTLAND: IS THE STORM OVER?
E. Davidson, D.R.W. MacDonald, M. McDermott, R.A. Preiss
Department of Orthopaedics, Inverclyde Royal Hospital, Greenock, PA16 0XN

THE EFFECT OF NANOPATTERNS SURFACE TECHNOLOGY ON ORTHOPAEDIC JOINT REPLACEMENT INFECTION
D. Hansom, R.M.D. Meek, K. Burgees, N. Gadegaard, M. Dalby
Department of Orthopaedics, Dumfries and Galloway Royal Infirmary, Dumfries, DG1 4AP

RECURRENTENCE AFTER SUBACROMIAL DECOMPRESSION SURGERY – ARE WE ADDRESSING ALL THE PATHOLOGY?
C. Drury, J.K. Broyland, G. Talj
Department of Orthopaedics, University Hospital Crosshouse, Kilmarnock, KA2 0BE

ARE COMPLICATIONS IN TOTAL KNEE ARTHROPLASTY EQUAL IN ALL AGE GROUPS? A POPULATION BASED STUDY
FROM THE SCOTTISH ARTHROPLASTY PROJECT
S.W. Bell, I. Anthony, A. MacLean, B. Jones, M.J.G. Bluth
Department of Orthopaedics, Glasgow Royal Infirmary, 84 Castle Street, Glasgow G4 0SF

RECURRENTENCE RATES OF TRIGGER FINGER FOLLOWING INJECTION IN DIABETICS
K.B. Ferguson, S. Grant, B. Conway, H.M. Dwecha, S.J. Barnes
Department of Orthopaedics, Inverclyde Royal Hospital, Greenock, PA16 0XN

THE FPV PATELLOFEMORAL ARTHROPLASTY: AN INDEPENDENT ASSESSMENT OF OUTCOMES AT THREE YEARS
S.W.J. Lee, F. Burns, N.L. Millar, J.S. Huntley
Department of Orthopaedics, Glasgow Royal Infirmary, 84 Castle Street, Glasgow G4 0SF

2000 Tibial Plateau Fractures: A 25 Year Study
E. Davidson, W. Oliver, I. Botlier, J. Keating, T. White
Department of Orthopaedics, Royal Infirmary of Edinburgh, Edinburgh, EH16 4SA

DOES A GUIDELINE FOR PEDIATRIC UPPER LIMB INJURY ASSESSMENT HAVE A LASTING IMPACT ON CLINICAL
PRACTICE?
A.G. Marsh, K. Gordon, A. Godman, J. Boyle, J. Robertson, J.S. Huntley
Department of Orthopaedics, Royal Hospital for Sick Children, Darnall Street, Glasgow, G3 8SJ

THE AMOUNT OF TIBIAL SLOPE DOES NOT AFFECT THE LEVEL OF MAXIMUM FLEXION: REVIEW OF 123 NAVIGATED
TKAs
N.C. Scoberras, A.H. Deakin, F. Picard
Department of Orthopaedics, Golden Jubilee National Hospital, Agamemnon St, Clydebank G81 4DY

GlaMOR Poster Presentations

POSTER GROUP B

TRIPLE ARTHRODESIS OF HINDFOOT: COMPLICATIONS AND RADIOLOGICAL OUTCOME
M. Siddhom, J.S. Moir, A. Mahendra, N.J. Madeley, C.S. Kumar
Department of Orthopaedics, Glasgow Royal Infirmary, Glasgow G4 0SF

THE SUPRACONDYLAR PROCESS OF THE HumerUS IN CHILDREN
A. Winter, J.S. Huntley
Department of Orthopaedics, Royal Hospital for Sick Children, Glasgow G3 8SJ

ORTHOPAEDIC TRAUMA LIST CANCELLATIONS IN A BUSY TRAUMA UNIT IN SCOTLAND
Department of Orthopaedics, Royal Alexandra Hospital, Paisley, PA2 9PN

FIXING THE CLAVICLE… ANY LESSONS LEARNED?
A. Tanagho, S. Youssel, P. Armstrong, S. Ansera
Department of Orthopaedics, Dumfries and Galloway Royal Hospital, Dumfries DG1 4AP

HOW USEFUL ARE GISSANE AND BOHLER ANGLES IN DETERMINING MANAGEMENT OF CALCANEAL FRACTURES?
A.H.C. Leung, N. Demothbenous, S. Spence, G.E. Ayana
Department of Orthopaedics, Royal Alexandra Hospital, Paisley, PA2 9PN

SHOULD THE BRITISH ORTHOPAEDIC ASSOCIATION’S CONSENT FORM REGARDING TOTAL HIP ARTHROPLASTY BE
CHANGED TO INCLUDE SQUEEKING?
M. Halai, B. Jamal, P. Jayaram, J. Kimpston, D. Murray, A. Gregori, K. Peraisamy
Department of Orthopaedics, Hairmyres Hospital, East Kilbride, G75 9BR

RETROSPECTIVE REVIEW OF REVISION TOTAL HIP REPLACEMENT PERFORMED BY A SINGLE SURGEON IN A DISTRICT
GENERAL HOSPITAL: IS THE OUTCOME ACCEPTABLE WHEN COMPARED TO THE LITERATURE?
S. Walkay, N.S. Harshavardhana, A.M. Chappell
Department of Orthopaedics, Inverclyde Royal Hospital, Greenock, PA16 0XN

THE TORNIER AEQUALIS REVERSE SHOULDER REPLACEMENT: A SINGLE-CENTRE STUDY
J.K. Bryceand, C. Drury, G. Talj
Department of Orthopaedics, University Hospital Crosshouse, Kilmarnock, KA2 0BE

ANTERIOR CHEST WALL ABNORMALITY: TO WHOM SHOULD REFERRALS BE MADE?
S.W.J. Lee, F. Burns, N.L. Millar, J.S. Huntley
Department of Orthopaedics, Royal Hospital for Sick Children, Glasgow G3 8SJ

INTER-OBSERVER RELIABILITY OF THE LAWRENCE AND BOTTE CLASSIFICATION OF FIFTH METATARSAL FRACTURES
J. McGlynn, K.B. Ferguson, N.J. Madeley
Department of Orthopaedics, Inverclyde Royal Hospital, Greenock, PA16 0XN

AUDIT OF MANAGEMENT OF PROXIMAL FEMORAL FRACTURES IN A DISTRICT GENERAL HOSPITAL. IS THE OUTCOME
ACCEPTABLE WHEN COMPARED TO THE LITERATURE?
M. Halai, B. Jamal, P. Jayaram, J. Kimpston, D. Murray, A. Gregori, K. Peraisamy
Department of Orthopaedics, Hairmyres Hospital, East Kilbride, G75 9BR

USE OF REGIONAL ANAESTHESIA DOES NOT IMPROVE LONGER TERM PAIN RELIEF FOLLOWING ARTHROSCOPIC
SHOULDER SURGERY
Department of Orthopaedics, Ayr Hospital, Dalmellington Road, Ayr, KA6 6DX
GlaMOR Poster Presentations

POSTER GROUP A

RECURRENCE OF VENOUS THROMBOEMBOLISM IN PATIENTS UNDERGOING LOWER LIMB ARTHROPLASTY
A.S. Marsh, K. Pancouss, D. Allen
Department of Orthopaedics, Golden Jubilee National Hospital, Agamenmon St, Clydebank G81 4DY

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GlaMOR Poster Presentations

POSTER GROUP B

TRIPLE ARTHRODESIS OF HINDFOOT: COMPLICATIONS AND RADIOLOGICAL OUTCOME
M. Sedhom, J.S. Moir, A. Mahendra, N.J. Madeley, C.S. Kumar
Department of Orthopaedics, Glasgow Royal Infirmary, Glasgow G4 0SF

THE SUPRACONDYLAR PROCESS OF THE HUMERUS IN CHILDREN
A. Winter, J.S. Huntley
Department of Orthopaedics, Royal Hospital for Sick Children, Glasgow G3 8SJ

ORTHOPAEDIC TRAUMA LIST CANCELLATIONS IN A BUSY TRAUMA UNIT IN SCOTLAND
Department of Orthopaedics, Royal Alexandra Hospital, Paisley PA2 9PN

RECURRENT VENOUS THROMBOEMBOLISM IN PATIENTS UNDERGOING LOWER LIMB ARTHROPLASTY
A.S. Marsh, K. Pancouss, D. Allen
Department of Orthopaedics, Golden Jubilee National Hospital, Agamenmon St, Clydebank G81 4DY

DOES A GUIDELINE FOR PAEDIATRIC UPPER LIMB INJURY ASSESSMENT HAVE A LASTING IMPACT ON CLINICAL PRACTICE?
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Department of Orthopaedics, Royal Hospital for Sick Children, Dalmarnie Street, Glasgow, G3 8SJ

THE AMOUNT OF TIBIAL SLOPE DOES NOT AFFECT THE LEVEL OF MAXIMUM FLEXION: REVIEW OF 123 NAVIGATED TKAs
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Department of Orthopaedics, Golden Jubilee National Hospital, Agamenmon St, Clydebank G81 4DY

FROM THE SCOTTISH ARTHROPLASTY PROJECT
C. Drury, J.K. Bryceland, G. Tait
Department of Orthopaedics, Royal Infirmary, Edinburgh, EH16 4SA

ARE COMPLICATIONS IN TOTAL KNEE ARTHROPLASTY EQUAL IN ALL AGE GROUPS? A POPULATION BASED STUDY
A.G. Marsh, K. Panousis, D. Allen
Department of Orthopaedics, Southern General Hospital, 1345 Govan Road, Glasgow G51 4TF

THE EFFECT OF NANOPATTERN SURFACE TECHNOLOGY ON ORTHOPAEDIC JOINT REPLACEMENT INFECTION
K. Hinstman, M.R.M. Meek, K. Burges, N. Gadegaard, M. Dally
Department of Orthopaedics, Dumfries and Galloway Royal Infirmary, Dumfries, DG1 4AP

RECURRENCE AFTER SUBACROMIAL DECOMPRESSION SURGERY – ARE WE ADDRESSING ALL THE PATHOLOGY?
C. Drury, J.K. Bryceland, G. Tait
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Glasgow Meeting of Orthopaedic Research

GlaMOR Poster Presentations

ANALYSIS OF PRIMARY CARE REFERRALS TO PAEDIATRIC ORTHOPAEDICS IN GLASGOW
I. Elliott, J.S. Huntley
Department of Orthopaedics, Royal Hospital for Sick Children, Glasgow G3 8SJ

THEOSEOUS ANATOMY OF THE PATELLA: A DESCRIPTION UTILISING COMPUTERISED 3D MODELLING
B. Jamal, M. Qureshi, J. Kimpton, Q. Fogg, A. Pittai
Department of Human Anatomy, University of Glasgow, Glasgow, G12 8QO

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BISPHOSPHONATE INDUCED PERI-PROSTHETIC FRACTURE: A CAUSE OF PAINFUL TOTAL HIP REPLACEMENT
R. Bhattacharyya, S. Spence, K. Periasamy
Department of Orthopaedics, Hairmyres Hospital, East Kilbride, G75 8RG

NODULAR FASCITIS: A CASE REPORT
F. Mahmood, D. Robinson
Department of Orthopaedics, Forth Valley Royal Hospital, Larbert FK5 4WR

ASSESSMENT OF THE ADEQUACY OF DESCRIPTIONS OF TESTS FOR NEONATAL DEVELOPMENTAL DYSPLASIA OF THE HIP
J.B.T. Lim, J.S. Huntley
Department of Orthopaedics, Royal Hospital for Sick Children, Glasgow G3 8SJ

CASE REPORT: FINGERTIP INJURY – CONSERVATIVE TREATMENT WITH SERIAL SEMI-PERMEABLE DRESSINGS
E.J. Smith, N.J. Miller
Department of Orthopaedics, Wishaw General Hospital, Wishaw, ML2 0DP

RESULTS OF CLOSED LATERAL RELEASE FOR PATELLOFEMORAL PAIN AND INSTABILITY
N. Lappin, S.L. Chitnis
Department of Orthopaedics, Royal Alexandra Hospital, Paisley, PA2 9PN

THE DIAGNOSTIC POWER OF A HIP MRI
M.J. Davidson, A.H.C. Leung, L.R.D. Wootton, K. Periasamy
Department of Orthopaedics, Hairmyres Hospital, East Kilbride G75 8RG

DIRECT GP REFERRALS TO ON-CALL ORTHOPAEDIC SURGEONS
A. Tanagho, E. Crighton, S. Shewale
Department of Orthopaedics, Dumfries and Galloway Royal Hospital, Dumfies DG1 4AP

PRE-OPERATIVE MORPHINE USAGE IN PATIENTS WITH ACUTE PROXIMAL FEMORAL FRACTURES
E. O’Flaherty, W. Oliver, J. Ruddy, M. Agarwal
Department of Orthopaedics, Monklands General Hospital, Airdrie, ML6 0JS

LATE LINER DISSOCIATION OF A PINNACLE SYSTEM ACETABULAR COMPONENT
S. Edwardson, J. Joseph, R. Abu-Rajab
Department of Orthopaedics, Royal Alexandra Hospital, Paisley, PA2 9PN

COLLATERAL LIGAMENT INJURIES OF THE MCP JOINTS OF THE FINGERS – A MISSED DIAGNOSIS
S.L. Chitnis
Department of Orthopaedics, Royal Alexandra Hospital, Paisley, PA2 9PN

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COMPARISON OF TWO SUTURE MATERIALS FOR CLOSURE OF CARPAL TUNNEL DECOMPRESSION WOUNDS
H.M. Belts, K.J. Little
Department of Orthopaedics. Western Infirmary, Glasgow, G11 6NT

PASSIVE PRONOSUPINATION IS NOT VALUABLE IN PREDICTION OF RADIUS MALREDUCTION- A CADAVERIC STUDY
D.W. Shields, M.A. Marsh, S.E. Aldridge, J.R. Williams
Department of Orthopaedics, Royal Victoria Infirmary, Newcastle-Upon-Tyne, NE1 4LP

THE IMPORTANCE OF THE ORTHOPAEDIC DOCTOR’S APPEARANCE
S.A. Atiken, C.G. Tinning, S. Gupta, G. Modlock, A.M. Wood, M.A. Atiken
Department of Orthopaedics, Royal Infirmary of Edinburgh, Edinburgh, EH16 4SA

THE USE OF XRAYS FOLLOWING ORIF OF DISTAL RADIUS FRACTURES
N.C. Sciberras, S. Miller, D. MacDonald
Department of Orthopaedics, Royal Alexandra Hospital, Paisley, PA2 9PN

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M.A. Abdelhalim, J.A. Gillespie, S.R. Patil
Department of Orthopaedics, Southern General Hospital, 1345 Govan Road, Glasgow, G51 4TF

“RESIDENT’S RIDGE”: DOES IT EXIST? AN ANATOMICAL STUDY
R. Bhattacharyya, A. Ker, Q. Fogg, J. Joseph
Department of Human Anatomy, University of Glasgow, Glasgow, G12 8QO

PRIMARY OSSEOUS TUMOURS OF THE ELBOW: LESSONS LEARNT AFTER 60 YEARS OF EXPERIENCE FROM A NATIONAL BONE TUMOUR REGISTRY
S. Spence, M. Halai, S. Gupta, D. Wallace, L. Rymaszewski, A. Mahendra
Department of Orthopaedics, Glasgow Royal Infirmary, 84 Castle Street, Glasgow G4 0SF

CONGENITAL TALIPES EQUINOVARUS IN PATIENTS WITH DOWN’S SYNDROME: EXPERIENCE OF THE UNITED KINGDOM PONSETI USERS GROUP
E.J. Baird, R.D.D. Duncan and the UK Ponseti Users Group
Department of Orthopaedics, Royal Hospital for Sick Children, Dalnair Street, Glasgow G3 8SJ

Invited Presentations: Chairman: Mr Rashid Abu Rajab

12.20 – 12.30 Mr Mark Frame – “Dallas Trauma. The Glasgow Perspective”
12.30 – 12.40 Mr Andrew Wilkinson – A Fellowship Experience Down Under
12.40 – 12.45 Award of Prizes – Mr Dominic Meek
12.45 – 13.30 Lunch, trade and poster exhibition
Chairman: Mr Tim Hama
13.30 – 14.00 Dr. Rahul Banerjee – “Management of Orthopaedic Trauma at Parkland Memorial Hospital”
14.00 – 14.30 Dr. Marybeth Ezaki – “Update on Limb Overgrowth Syndromes”
14.30 – 15.00 Ms Jane McEachan – Establishing a culture of investigation in a district general hospital
15.00 – 15.05 Miss Ros Miller – Foot and Ankle Stateside
15.05 – 15.20 Refreshments, trade show and poster exhibition
Chairman: Mr Dominic Meek
15.20 – 15.50 Mr Graeme Holt – Hip fracture management in Scotland – the past, present and future.
15.50 – 16.20 Prof. David Sochart – Everything you always wanted to know about hip replacement
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16.50 – 17.00 Thanks and closing remarks
Modern Management of Hip Fractures
Thursday 22nd May 2014
The Source Skills Academy, Sheffield

Conference Chairman – Mr Martyn Parker

A hip fracture remains the most common condition to cause an acute orthopaedic admission. With an increasingly elderly population the number of hip fractures continues to increase. It therefore falls within the remit of the orthopaedic surgeon to minimise the consequences of this injury and assist in a speedy return of the patient back home.

This meeting will concentrate on those aspects of treatment specifically relevant to the orthopaedic surgeon. Firstly when to operate and what should be done to get the patient ready for theatre. In addition key aspects of peri-operative care will be discussed.

Regarding intracapsular fractures there is continuing controversy between preserving the femoral head using internal fixation or replacing the femoral head with a prosthesis. The suggested indications for these different methods of treatment will be discussed along with what is considered the most appropriate implant. Included within the talks will be details of surgical tips and techniques, designed to be of practical value for the orthopaedic surgeon.

For extracapsular hip fractures the debate is not just between intra versus extramedullary fixation. There have been a number of recent modifications to the Sliding Hip Screw. In addition notable differences exist between the different intramedullary nails. These developments will be discussed along with surgical techniques.

The recent development of the National Hip Fracture Audit and more recently the Hip Fracture Tariff means that all hospitals are under increasing scrutiny for their care of hip fracture patients. Surgeons need to be aware as to what is necessary to achieve this best practice tariff.

Contact details
For more information or to register by phone please contact a member of the events team:
Tel: +44 (0) 114 225 9507 or +44 (0) 114 225 9205/316
Fax: +44 (0) 114 225 9119
acemdia@tiscali.co.uk

www.aesculap-academia.co.uk

Programme

09.30 Registration and refreshments
Mr Martyn Parker
10.00 Welcome and introduction
Dr Iain Moppett
10.30 A hip fracture quality improvement programme
Dr Simon Let
10.55 The physician and hip fractures
Mr Dominic Inman
11.30 Questions and discussion
12.00 Lunch
13.00 Internal fixation of an intracapsular fracture
Mr Martyn Parker
13.20 Results for the Targon FN
TBC
13.30 Arthroplasty for intracapsular hip fractures
Mr Matthew Porteous
13.55 Extracapsular hip fractures
Mr Simon Roxton
14.20 Refreshments
14.40 Complications of hip fracture fixation
Mr Martyn Parker
– When to use repeat fixation and how to do it
14.55 Complications of hip fracture surgery
Mr Matthew Porteous
– When to use an arthroplasty and how to do it
15.30 Workshop session
Demonstrations of Targon PFT Nailing
ETS Hemiarthroplasty
Targon FN
Mr Martyn Parker
Mr Matthew Porteous
Mr Martyn Parker
16.30 Close

Registration Details
The course fee of £160.00 includes:
- VAT at 20%
- Delegate pack
- Certificate of attendance
- One day of education
- Lunch and refreshments
Please note that accommodation is not included in the delegate fee.
Directions

Travel directions to the Beadmore Hotel, Clydebank

Rail

Dalmuir Station

Take a low level train from either Glasgow Queen Street or Central Station to Dalmuir Station. The Beadmore Hotel and Conference Centre is situated approximately 10 minutes walk from the station. There are frequent trains running into the city centre and to Loch Lomond, both destinations are approximately a 20 minute journey.

Bus routes

The nearest bus stop is on Dumbarton Road, which is also just a few minutes walk from the hotel. Regular services run towards Glasgow and Dumbarton, Balloch and Helensburgh. From Glasgow city centre you can take the First Glasgow Bus Nos: 66, 204, 205, 215, 216. Please note that the number 62 takes you only as far as the Clydebank bus terminal.

By air

Glasgow International Airport.

Situated at Junction 28a, M8 to the west of Glasgow, the Beadmore Hotel and Conference Centre is approximately a 15 minute drive from the airport. Use M8/M898. Alternatively, there are taxis available at the airport.

Parking: 300 space courtesy car park at the front of the hotel

Guest Speakers

Professor Robert Bucholz

Professor Bucholz is an arthroplasty surgeon with an active teaching service at a university hospital. He graduated from Yale University School of Medicine and was in receipt of ABC Traveling Fellowship, the Hip Society’s Frank Stinchfield Award, and the Yale Orthopaedic Distinguished Alumnus Award. He has served as a director of the American Board of Orthopaedic Surgery and a member of the Residency Review Committee of the ACGME. He is a past president of the AAOS, deputy editor for adult reconstruction of the JBJS and a co-editor of ‘Rockwood and Green's Fractures’ textbook. He has over 80 published peer reviewed articles. Prof. Bucholz’s areas of interest include hip and knee arthroplasty and outcome measures in arthroplasty.

Dr. Rahul Banerjee

Dr Banerjee is currently an Assistant Professor of Orthopaedic Trauma at UT Southwestern Medical Center and also the Director of the Orthopaedic Surgery Residency Program. He graduated from the University of Chicago Pritzker School of Medicine in 1999 with Alpha Omega Alpha honors and completed his trauma residency at Brown University and Rhode Island Hospital Dept of Orthopaedic Surgery in 2005. He then took up several military chief posts and has also spent time in Iraq as an Orthopaedic Trauma Surgeon in the 332nd Medical Group, United States Air Force. Dr Banerjee has received many awards for his service including Air Force Commendation Medal in June 2009, the Army Commendation Medal in May 2009 and the Army Achievement Medal, March 2008. He has also been heavily involved in teaching, especially with the AO trauma program.

Dr. Marybeth Ezaki

Marybeth Ezaki is the director of the Charles E. Seay, Jr. Hand Center at Texas Scottish Rite Hospital for Children. She received her undergraduate degree from Yale College and her medical degree from Yale University School of Medicine. Dr. Ezaki is Professor of Orthopaedic Surgery and co-chair of the hand surgery fellowship at The University of Texas Southwestern medical center at Dallas. She is a Past President of the American Society for Surgery of the Hand, and is an Associate Editor of Journal of Hand Surgery, Consultant Reviewer of Journal of Bone and Joint Surgery and Journal of Pediatric Orthopaedics, as well as an Editor for the Yearbook of Hand Surgery.

Professor Sochart

Professor Sochart is a Consultant Orthopaedic and Trauma Surgeon in Manchester. After graduating from the University of Aberdeen he did his house jobs in Glasgow; Medicine at the Royal and Orthopaedics at the Western and Gartnavel; before surgical specialty rotations including Orthopaedics at Glasgow Royal. He completed higher surgical training in the North West of England and undertook fellowships at The Centre for Hip Surgery, Wrightington and the Royal Orthopaedic Hospital in Birmingham. He was the BOA ambassador to the Hong Kong Orthopaedic Association and Combined British and American Hip Societies Traveling Fellow to North America. After a first consultant post at Princess Margaret Rose Orthopaedic Hospital in Edinburgh, he returned to Manchester and was awarded a personal chair at the University of Salford. He has maintained an interest in teaching and research, is an examiner for the Universities in Manchester, Salford and Edinburgh, as well as for the Royal Colleges and a reviewer for the Bone and Joint Journal. He regularly hosts conferences both in the UK and abroad, and has an interest in medical politics as the Chairman elect of the Manchester Division of the BMA.

Ms Jane McEachan

Jane McEachan is a consultant orthopaedic surgeon working in Fife. She graduated from the University of Glasgow and completed her orthopaedic training in the West of Scotland. She is a fellowship trained hand surgeon with a fellowship in Adelaide, South Australia. She currently runs the Hand service within the Fife hospitals with specialist interest in hand and wrist fractures. Her main research interest is in carpal tunnel syndrome.
Welcome Page
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Welcome

This is the seventh year of the Glasgow Meeting of Orthopaedic Research and we are fortunate to have several internationally renowned speakers.

There have been a fantastic quality of research submissions again this year and we are grateful to you all for your hard work. Collaborations continue to strengthen between clinical departments and academic units from Glasgow University and the University of Strathclyde.

This year will be the second presentation of the Ronald McRae prize for the best podium presentation. Mr McRae was a consultant orthopaedic surgeon in the Southern General Hospital. At the time, the Southern was the first hospital in Scotland to carry out cemented Charnley hip replacements with Ronald McRae helping to lead the way. During his time as a consultant, he published the pocketbook of Clinical Orthopaedic Examination, now in its fifth edition, Practical Fracture Treatment and several more publications followed, including Practical Surgical Exposures. Mr McRae’s last published work was The Pocketbook of Orthopaedics and Fractures.

He passed away in 2012 and in honour of his memory, we are very fortunate to be in the position to again award the Ronald McRae prize this year.

Welcome to GlaMOR 2014 and I look forward to seeing you!

Mr Dominic Meek
President
West of Scotland Orthopaedic Research Society
Glasgow Meeting of Orthopaedic Research

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Guest Speakers:
Professor Buchholz
Dr Mary Beth Eita
Dr Rahul Banerjee
Professor David Sodhart
Mr Graeme Holt
Ms Jane McEachan

UT Southwestern Parkland Hospital, Dallas, Texas
UT Southwestern Parkland Hospital, Dallas, Texas
UT Southwestern Parkland Hospital, Dallas, Texas
North Manchester General Hospital, Manchester
Crosshouse Hospital, Kilmarnock
Queen Margaret Hospital, Dunfermline

Faculty:
Mr Dominic Meek
Mr Neil Wilson
Mr Mark Byth
Mr Tim Hems
Mr Andrew Kimminmonth
Mr Bryn Jones
Mr William Leach
Mr Rashid Abu-Rajab

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Southern General Hospital, Glasgow
Yorkhill Hospital, Glasgow
Glasgow Royal Infirmry, Glasgow
Victoria Infirmary, Glasgow
Glasgow Royal Infirmry, Glasgow
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Royal Alexandra Hospital, Paisley

Organising committee:
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Mr Stephen Grant
Mr Cameron Elias-Jones
Mr Mark Frame
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