



# Final Programme

## British Orthopaedic Association Annual Congress 2015

- 15th – 18th September
- ACC Liverpool
- [congress.boa.ac.uk](http://congress.boa.ac.uk)



@BritOrthopaedic #BOAAC



British Orthopaedic Association



BritOrthopaedic

© 2015 British Orthopaedic Association (except where stated otherwise)

First published 2015

All rights reserved. No part of this publication may be reproduced, stored or transmitted in any form or by any means, without the prior written permission of the publisher or, in the case of reprographic reproduction, in accordance with the terms of licenses issued by the Copyright Licensing Agency in the UK [[www.cla.co.uk](http://www.cla.co.uk)]. Enquiries concerning reproduction outside the terms stated here should be sent to the publisher at the UK address printed on this page.

Published by the British Orthopaedic Association  
British Orthopaedic Association, 35-43 Lincoln's Inn Fields, London WC2A 3PE  
Registered Charity No. 1066994  
Company Limited by Guarantee No. 3482985

## President's Message

Dear Friends and Colleagues,

### **Welcome to the BOA Annual Congress 2015**

My year as President has been busy and enjoyable. We have achieved several successes that we can be proud of. Since the publication of GIRFT - which was first delayed by Whitehall and then given a soft launch before the Election - we have developed further implementation guidance in conjunction with the Specialist Societies. This will provide a powerful adjunct to support local professionally-led ownership of the key quality improvement points in the report. Equally, our NICE accredited commissioning guidance has proved to be extremely effective in helping us influence and engage locally with CCGs: many are reconfiguring their MSK services, others are facing serious financial challenges, most are looking for help. We are delighted that a significant number of members have volunteered to support our commissioning work as Clinical Champions.



Our Quality Outcomes programme, supported by funding from NHS England, has enabled us to work with the 'fledgling' orthopaedic registries, all of whom are focused on quality improvement, with the objective of raising their profile and ensuring their future sustainability. Our Travelling Fellowship awards are proving more popular than ever, with an unprecedented number of applications this year, as are our various training and education courses, and we were pleased that our evidence based approach to National Selection to ST3 met with appropriate success. On the research front the British Orthopaedic Surgical Research Centre, based on the York University Trials Unit is now delivering high quality methodological support that has been invaluable to a number of successful funding applications.

Our membership has grown by 15% in the past twelve months and we are keen to sustain this healthy momentum, particularly in regard to SAS surgeons, acknowledging that we can only achieve this if we continue to demonstrate added value in everything we do on your behalf.

In that context, the Congress programme for 2015 offers a unique combination of these issues, broader professional sessions, and clinical revalidation instructional sessions for the surgeon with a comprehensive practise in T&O. I would particularly recommend 'Navigating the NHS and Health and Social Care Landscape', 'Regional Advisers and Clinical Champions; Influencing commissioning', 'T&O Surgery after the General Election' and 'Top tips for improving quality in T&O', all key areas for your future. I am honoured that Stefan Lohmander, Senior Professor in Orthopaedic Surgery at Lund University, Sweden has kindly agreed to be my Presidential Guest Lecturer. Professor Lohmander will speak on 'Sustainable Orthopaedics, Evidence and Ethics'. This is a challenge that confronts us all, despite the very clear lead that T&O has taken in the NHS when delivering cost effective healthcare and transparency. Please also add the Howard Steel Lecture to your agenda: we are delighted to welcome James Ketchell to the BOA Congress. A serial adventurer, motivational speaker and Scouting ambassador, James has significant personal experience of overcoming adversity.

Professor Keith Willett will deliver the Robert Jones Lecture; 'If it's about quality and cost; let clinicians design healthcare' and the Sir Walter Mercer Lecture will be presented by Professor Angus Wallace; 'A life time experience of repairing joint ligament with artificial augmentation at the shoulder'. I am also delighted to welcome Kevin Black, President of the American Orthopaedic Association who will speak on 'Health Systems Education for Orthopaedic Residents'. We will also be hosting all day educational courses on Friday including; Good Clinical Practice Training, Medical Students' Session, Non-Technical Skills course, Clinical Exam Course and a TOCS and TOES course.

Last but by no means least, you can be assured of a warm welcome in Liverpool and I hope you will have an opportunity to explore this vibrant, cultured and friendly city. The Albert Dock World Heritage Site contains the largest collection of Grade I listed buildings in Britain and includes the Tate Liverpool gallery, Merseyside Maritime Museum, the Beatles Story exhibition, and an array of bars and restaurants.

As well as abundant CPD, we promise four days of debates, discussions and dialogue to ensure that we continue to raise standards, and encourage the highest levels of Professionalism and Responsibility. I look forward to speaking with many of you and wish you all an enjoyable and successful Congress.

**Professor Colin Howie, BOA President**

### **Contents**

BOA Council .....	2
General Information .....	3
AGM Agenda .....	5
Guest Speakers .....	6
Tuesday 15th September.....	7
Wednesday 16th September .....	13
Thursday 17th September .....	20
Friday 18th September .....	27
Exhibition Floor Plan.....	30
Exhibitors.....	31
Podium Presentations .....	54
Specialist Society Annual Meetings .....	79



## BOA Council 2015

### OFFICERS

President	C R Howie	(Edinburgh)
Immediate Past President	T W Briggs	(Stanmore)
Vice President	T J Wilton	(Derby)
Vice President Elect	I G Winson	(Bristol)
Honorary Treasurer	D J McBride	(Stoke-on-Trent)
Honorary Secretary	D Limb	(Leeds)

### ELECTED MEMBERS

M G Matthews	(Buckinghamshire)	2013 - 2015
A M Nanu	(Newcastle)	2013 - 2015
A J Stirling	(Birmingham)	2013 - 2015
R A Brooks	(Swindon)	2014 - 2016
G Giddins	(Bath)	2014 - 2016
I McNab	(Oxford)	2014 - 2016
P Mitchell	(London)	2014 - 2016
D Clark	(Derbyshire)	2015 - 2017
S Donell	(Norwich)	2015 - 2017
M Reed	(Northumberland)	2015 - 2017
A Robinson	(Cambridge)	2015 - 2017

### EX OFFICIO MEMBERS

Chair, Council of Management of the Bone and Joint Journal	R Marshall
Chair, Specialty Advisory Committee in Trauma and Orthopaedics	D Large
Chair, Education and Revalidation Committee	M Reed
Chair, Training Standards Committee	P Turner
Chair, Scottish Committee for Orthopaedics and Trauma	M Blyth
Chair, Welsh National Specialist Advisory Group for T&O	N Makwana
Chair, N Ireland Regional Orthopaedic and Trauma Committee	I Brown
Chair, Research Committee	A Rangan
President, British Orthopaedic Trainees Association	M Rashid
Chair, British Orthopaedic Directors Society	S Ankarath
Chair, Patient Liaison Group	J Fitch
Representative, Staff and Associate Specialist (SAS)	M Morgan
Chief Executive	M Kimmons

### HONORARY POSTS

Archivist	I B M Stephen
Workforce Liaison Officer	G W Bowyer

### BOA SENIOR STAFF

Director of Events Management	Hazel Choules
Director of Communications and Operations	Emma Storey
Director of Policy and Programmes	Rayshum Notay
Director of Finance	Liz Fry
Director of Information Systems	Melanie Knight

## General Information

### AWARDS AND PRIZE WINNERS

The BOA is delighted to use the Annual Congress as an opportunity to publicise and celebrate the following awards and prizes granted by the Association in 2015:

#### BOA HONORARY FELLOWS

Mike Benson  
Malcolm Macnicol  
Keith Tucker  
Keith Willett

#### PRESIDENTIAL MERIT AWARD

Ian Learmonth  
Geoffrey Walker

### Registration

The registration and enquiries desk is located on the lower level next to the exhibition hall.

	Registration Opening times	Exhibition Hall Opening times
Tuesday 15th September	07:00 – 17:00	07:30 – 17:45
Wednesday 16th September	07:15 – 17:00	07:30 – 17:00
Thursday 17th September	07:15 – 17:00	09:00 – 14:30
Friday 18th September	07:15 – 13:00	CLOSED

### Delegate Meeting Packs

#### On arrival delegates will receive:

- Name badge permitting access to all sessions
- Delegate bag containing Final Programme

### Finding Your Way Around

#### The venue – ACC Liverpool

The Main Auditorium, Meeting Rooms 3A, 3B, 4, 11 and 12 are all located on the upper level.

#### Media Suite / Authors Preview Room

Room 7 on the upper level, open daily at the following times:

- 07:00 until 17:30 on Tuesday, Wednesday and Thursday
- 07:00 until 14:30 on Friday

Authors can download their presentations during the above times. Use of this room is for presenting authors only.

#### Prayer Room

Is situated on the upper floor, room 15.

#### Exhibition

There are over 80 companies showing continued support to the BOA within the exhibition area on the lower level. We would encourage all delegates to visit the exhibition stands, especially the BOA stand.



# General Information

## Cloakroom

The cloakroom is situated on the galleria area near to the entrance.

**Please note:** Delegates will be charged £1 per item.

Cloakroom Opening Times:-	
Tuesday 15th September.....	07:00 – 19:30
Wednesday 16th September.....	07:15 – 18:30
Thursday 17th September.....	07:15 – 18:30
Friday 18th September.....	07:15 – 16:30

## Making the Most of Congress

### Scanning of badges and CPD Points

You will need to scan your barcode on arrival in order to print your badge.

The CPD points will be listed on the BOA website, delegates will be required to carry out their own self accreditation.

Following the Congress, you will be sent a link to an evaluation form, once you complete the form your certificate of attendance will be sent to you via email.

## Refreshments and Lunches

### Refreshments

Tea and coffee will be served to all delegates during the scheduled breaks.

Lunch is not provided.

### Catering within the ACC

Those wishing to purchase their lunch onsite can visit the six cash catering areas within the exhibition area. Their retail menus bring a wide offering, using local and fresh ingredients.

### Hotels

If you are still in need of accommodation, or you have a query on your booking, please contact TSC Hotels and Venues - tel: +44 1335 345655, email: hotels@tschotels.co.uk

### Travel Policy

Event participants are responsible for making their own travel and/or hotel arrangements. The BOA does not assume financial responsibility for penalties or expenses incurred by registrants who must cancel travel arrangements due to course cancellation.

## In case of an emergency

Please note the various fire exits around you in case of an emergency. Listen to all public announcements and make your way carefully to the nearest fire exit if requested to do so. If First Aid is required, please ask a member of Staff or Host for help and assistance.

## Declarations of interest

All those presenting at the BOA Congress will be asked to make their declarations of interest on a slide at the start of their presentation, as discussed and agreed at the BOA AGM last year.

## Other Information

The British Orthopaedic Association does not accept liability or responsibility for third party exhibitors or their exhibits and the BOA does not endorse any of the products, items or processes exhibited.

Filming, recording or photography during the Congress is Strictly Prohibited unless by prior agreement with the BOA.

## Badge Types

Gold	VIP
Purple	Guest Speakers
Orange	Invited Guests
Dark Blue	Delegates (members)
White	Delegates (non-members)
Grey	Press / Visitor
Red	Staff
Dark Green	Exhibitors
Light Green	Non-exhibitors Industry
Pink	Medical Students

## Invited Guests

Carousel Presidents	
AAOS	Frederick Azar
AOA	Kevin Black
AusOA	John Tuffley
COA	Robin Richards
NZOA	Brett Krause
SAOA	Robert Fraser
Indian OA	Dr Hari Ram Jhunjunwala
Irish OA	Gerald F McCoy
Hong Kong Young Ambassador	Michael Tim-Yun Ong

## BOA Annual General Meeting 2015

The Annual General Meeting of the Association will take place in the Main Auditorium of the ACC Liverpool, on Thursday 17th September 2015 from 12:30 - 13:30 under the Chairmanship of Professor Colin Howie, BOA President. The agenda is below.

**PROXY NOTICE: A member of the Association who is entitled to attend, speak and vote at the above mentioned meeting is entitled to appoint a proxy to attend and vote instead of him or her. For details please see the note at the foot of this agenda.**

### AGENDA

1. **Membership issues**
  - a. Deaths [see annex 1]
  - b. Resignations [see annex 2]
  - c. New members [see annex 3]
2. **Matters arising from 2014 AGM**

None
3. **Elections**
  - a. President: September 2017 – 2018

To report the result of the Trustees' ballot:

  - **Mr Ananda Nanu**
  - b. Council: 2016 – 2018

To report the result of the Home Fellows' ballot:

  - **Stephen Bendall**
  - **Karen Daly**
  - **Bob Handley**
  - **John Skinner**
4. **Honorary Treasurer's Report and Financial Statements for 2014**
  - a. Annual Report of Trustees Financial Statements 2014 – see link below:  
[www.boa.ac.uk/about-bo/a/annual-report-2014/](http://www.boa.ac.uk/about-bo/a/annual-report-2014/)
  - b. Resolution 1: To reappoint the Auditors for 2016 – Crowe Clark Whitehill
  - c. Resolution 2: To approve the membership subscription rates for 2016 [see annex 4]
5. **Resolution regarding membership categories** [see Resolution 3 in annex 5]
6. **President's report**
7. **Any other business**
8. **Date of next meeting**

BOA Annual Congress – 13-16 September 2016; Belfast  
Under the Chairmanship of Mr Tim Wilton.
9. **Future BOA and Allied Meetings**

BOA Annual Congress – 19-22 September 2017; Liverpool  
Under the Chairmanship of Mr Ian Winson.

COMOC – 11-15 April 2016; Cape Town, South Africa

EFORT Congress – 01-03 June 2016; Geneva, Switzerland

### NOTE

BOA Home Fellows received the AGM notification and proxy form by post in advance of this meeting, explaining the arrangements for appointing a proxy. The BOA must be notified of any proxies at least 72 hours in advance of the meeting.

Items for discussion under 'Any other business' should preferably be advised to the Honorary Secretary (David Limb) at least 72 hours in advance of the meeting.



## Guest Speakers

### PRESIDENT'S GUEST LECTURE

#### Stefan Lohmander



Stefan Lohmander, MD, PhD, is Senior Professor in Orthopaedic Surgery at the Dept of Clinical Sciences at Lund University, Sweden. He also serves as Professor at the Research Unit for Musculoskeletal Function and Physiotherapy and the Dept of Orthopaedics and Traumatology, University of Southern Denmark.

### HOWARD STEEL LECTURE

#### James Ketchell



James Ketchell is a serial adventurer, motivational speaker and Scouting ambassador. On 1st February 2014, James became the first person to have rowed across the Atlantic Ocean, successfully summited Mount Everest and cycled 18,000 miles around the world.

Seven years prior to all this, he was recovering from a serious motorcycle accident that left him with multiple traumatic injuries. The prognosis was that he was likely to suffer a permanent walking impairment and would certainly not be able to continue the active physical lifestyle he had enjoyed up to that point.

### ROBERT JONES LECTURE

#### Professor Keith Willett



Professor Keith Willett is the Director for Acute Episodes of Care to NHS England. He came from his role as the first National Clinical Director for Trauma Care to the Department of Health. He has extensive experience of trauma care, service redesign and

healthcare management and is Professor of Orthopaedic Trauma Surgery at the University of Oxford.

He was the co-founder of the unique resident consultant delivered Oxford Trauma Service in 1994. In 2003 he founded the Kadoorie Centre for Critical Care Research and Education focusing on outcomes of treatment for critically ill and injured patients.

In 2009 as NCD for Trauma Care he was charged with developing and implementing government policy across the NHS to radically improve the care of older people with fragility hip fractures and to introduce Regional Trauma Networks and Major Trauma Centres. By 2012 both re-organisations and care pathways were successfully in place.

In his current role, he has the national medical leadership roles for acute NHS commissioned services ranging from out-of-hours general practice, pre-hospital and ambulance services, emergency departments, acute and elective surgery, acute medicine, children's and maternity services and is the lead for a transformation of the national urgent and emergency care services.

### GUEST SPEAKER

#### Dr Kevin Black, President, American Orthopaedic Association



Dr Black received his undergraduate degree from the University of Pennsylvania in 1977, and then graduated from the University Of Rochester School Of Medicine. He completed his orthopaedic residency at the University of Rochester in 1986, and a fellowship in Sports Medicine at the Cleveland Clinic Foundation. After six years at the Medical College of Wisconsin he joined Penn State College of Medicine and Hershey Medical Center and in 2002 he became the C. McCollister Everts Professor and Chair. He continues to serve as Chair of the department and on 1st July, 2013 he assumed responsibility as Vice Dean of the Penn State Hershey University Park Regional Medical Campus in State College, Pennsylvania.

In 2001 he was a European Travelling Fellow of the AOSSM. He has served on the Board of Directors of the AOSSM and the AAOS, as well as the Executive Committee of the AOA. He has been President of the Pennsylvania Orthopaedic Society and will become President of the AOA in 2015. He served as Course Director for the "Orthopaedic Educator's Course" from 2007 through 2013, the longest running CME program of the AAOS.

### SIR WALTER MERCER LECTURE

#### Professor Angus Wallace



Angus Wallace is a proud Scotsman who trained in Nottingham, Derby, Newcastle, Nottingham and Toronto (Canada) before his Senior Lecturer/ Consultant post with Prof Charles Galasko in Manchester. He was appointed Professor of

Orthopaedic and Accident Surgery in Nottingham in 1985 – a post which he has held for 30 years.

He has been Chair of the National Osteoporosis Society (1996-8); President of the British Orthopaedic Sports Trauma Association (1997-9); Vice-President of the Royal College of Surgeons of Edinburgh (1997-2000); President of the British Elbow and Shoulder Society (2001-3); Chair of the Inter-collegiate Specialty (Exam) Board in Orthopaedic Surgery (2002-5); Chair of the Trauma and Orthopaedic SAC (2008-10) and President of the 11th International Congress of Shoulder and Elbow Surgery in Edinburgh (2010). Currently he is a Member of the Council for the Faculty of Sport and Exercise Medicine (UK) (2006-13 & 2015-17) and the Director of Professional Affairs (East Midlands) appointed by the RCSEng (2014-17).

He has been a prolific inventor – the Gutter Treatment for Ingrowing Toenails, the Nottingham Shoulder Arthroplasty System, the Nottingham Augmentation Device and the Wallace Double Hook Plate. Two of his devices – the Surgilig or LockDown treatment for ACJ dislocation and the Vaios Shoulder Replacement for Anatomic and Reverse shoulder replacement have proved particularly successful.

## Tuesday 15th September

	Main Auditorium	Meeting Room 3A	Meeting Room 3B	Meeting Room 4	Meeting Room 11	Meeting Room 12
07:00	Registration Opens					
07:30	Tea & Coffee served in the Exhibition Area					
08:00 - 09:30	Avoiding Litigation/ Complaints	BOA Young Investigator Award, sponsored by Virgin Atlantic Airways	Research Free Papers	SAS Surgeons Session	BSSH Revalidation; Fractures and dislocations of the hand	BOOS Revalidation
09:30 - 10:00	COFFEE (Posters and Exhibition, lower level)					
10:00 - 11:30	Navigating the NHS and Health and Social Care Landscape	Surgical Challenges in Fracture Management	BORS Research	Hips Free Papers	BJJ; Getting your work published and achieving the highest impact	BOOS Case Presentations
11:30 - 12:00	President's Welcome					
12:00 - 12:40	Howard Steel Lecture					
12:40 - 13:30	LUNCH (Posters and Exhibition, lower level)					
13:30 - 14:45	Plenary: Managing Health Data Responsibly – guest lecture and panel session					
14:45 - 14:55	"Interlude - before afternoon Sessions"					
14:55 - 16:25	Mapping a Way Forward for T&O Commissioning	Hands Free Papers	Trauma Research Symposium	General Topic Free Papers	BHS revalidation; Managing the unhappy hip replacement patient	Simulation
16:25 - 16:45	TEA (Posters and Exhibition, lower level)					
16:45 - 17:45	Your Terms and Conditions; Is the surgical voice being heard?	National Hip Fracture Database Session		General Topic Free Papers	BODS; 7 day services in secondary care	Simulation
17:45 - 19:15	BOA Welcome Drinks Reception (Galleria Area)					
19:45 - 23:00	BOA Association Evening					

### Notes

---



---



---



---



---



## Tuesday 15th September

### Avoiding Litigation/Complaints

08:00 – 09:30

Main Auditorium

#### Chair

- Alistair Stirling

#### Session outline

- Dr Caroline Fryar, Head of Advisory Services, the MDU
  - Multiple jeopardy
- Dr Nick Clements, Head of Medical Services, MPS
  - Gross negligence manslaughter
- Dr Gerard Panting, Orthopaedic and Trauma Specialist Indemnity Scheme (OTSIS)
  - Clinical negligence

#### Discussion with Q&A

### BOA Young Investigator Award, sponsored by Virgin Atlantic Airways

08:00 – 09:30

Meeting Room 3A

#### Chair

- Amar Rangan, Chair, BOA Research Committee

### Research Free Papers

08:00 – 09:30

Meeting Room 3B

#### Chair

- Professor Andrew McCaskie

### SAS Surgeons Session

08:00 – 09:30

Meeting Room 4

#### Chair

- Mamdouh Morgan, SAS Surgeons Representative, BOA

#### Session outline

- Professor Colin Howie, BOA President
  - Welcome
  - The crucial role of SAS Surgeons in T&O
- David Limb, BOA Education Board Chair and BOA Honorary Secretary
  - CESR in T&O: tips and advice
- David Large, Chairman SAC for T&O UK and Ireland
  - SAS Surgeons' career progress within the workforce planning strategy

- Hiro Tanaka, BOA Education Committee
  - BOA travelling fellowships, SAS Surgeons engagement and how to apply
- Mamdouh Morgan, SAS Surgeons Representative, BOA
  - Overview of BOA strategy for SAS Surgeons

#### Discussion with Q&A

### BSSH Revalidation; Fractures and dislocations of the hand

08:00 – 09:30

Meeting Room 11

#### Chair

- Daniel J Brown

#### Faculty

- Ed Powell-Smith
- David Newington
- Vijay Bhalai
- Zafar Naqui
- Phillip Johnston

#### Session outline

- Fractures of the metacarpals
- Phalangeal fractures
- Fractures of the distal phalanx
- Fractures of the thumb
- Case discussions 1
  - Simple dislocations of MCP, PIP, DIP and thumb
  - Fracture subluxations/dislocations of PIPJ
- Case discussions 2

#### Discussion with Q&A

### BOOS Revalidation

08:00 – 09:30

Meeting Room 12

#### Co-Chairs

- Max Gibbons
- Professor Tim Briggs, BOA Past President

#### Session outline

- Dr Alpesh Mistry
  - Musculoskeletal imaging for soft tissue tumours
- Robert Ashford
  - Management of Metastatic Bone Disease
- Robert Pollock
  - Endoprosthetic reconstruction in tumour and non-tumour conditions

#### Discussion with Q&A

### Notes

---

---

---

---

---

---

## Tuesday 15th September

### Navigating the NHS and Health and Social Care Landscape

10:00 – 11:30

#### Main Auditorium

##### Chair

- Timothy Wilton, BOA Vice President
  - Introduction
  - Understanding the NHS

##### Session outline

- Professor Peter Kay, National Clinical Director for MSK, NHS England
  - Overview: The NHS systems across the United Kingdom and the multiple parts of the English NHS
- Mark Blyth, Chair, Scottish Committee for Orthopaedics and Trauma (SCOT)
  - The NHS in Scotland
- Nilesh Makwana, Chair, Welsh National Specialist Advisory Group (NSAG)
  - The NHS in Wales
- Gavan McAlinden, Clinical Director, Musgrave Park Hospital Belfast
  - The Health and Social Care system in Northern Ireland
- Judith Fitch, Chair, BOA Patient Liaison Group
  - A Patient Perspective on how the NHS works
- Sudhi Ankarath, Chair, British Orthopaedic Director's Society
  - A Clinical Director's Perspective on how the NHS works
- Professor Ged Byrne, Director of Education and Quality – North
  - How the NHS manages Training and Workforce Planning
- Sara Dorman, BOTA Secretary
  - Views from BOTA

##### Discussion with Q&A

### Surgical Challenges in Fracture Management

10:00 – 11:30

#### Meeting Room 3A

##### Co-Chairs

- Andrew Gray
- Bob Handley

##### Session outline

- Professor Amar Rangan
  - Shoulder and wrist fragility fractures – which and how should we be fixing
- Tim Chesser
  - Technical tips for fixing proximal femoral fractures
- Professor David Marsh
  - Fracture liaison services and database – where are we?
- Andrew Port
  - Osteoporotic knee fractures – which ones should we treat and how?

##### Discussion with Q&A

### BORS Research

10:00 – 11:30

#### Meeting Room 3B

##### Co-Chairs

- Professor Andrew McCaskie
- Gordon Blunn

##### Session outline

- Professor J Mark Wilkinson
  - Genetics of OA
- Professor Bruce Caterson
  - Biochemical changes in OA and the capacity of cartilage for self-repair
- Professor James Richardson
  - ACI and cell therapy for cartilage regeneration
- Dr Catriona McDaid
  - Role of clinical trials unit in OA translational medicine
- Professor Molly Stevens
  - Osteochondral defect scaffolds and treatments

##### Discussion with Q&A

### Hips Free Papers

10:00 – 11:30

#### Meeting Room 4

##### Co-Chairs

- Professor Ashley Blom, NJR Statistical analysis lead at the University of Bristol
- Robert Middleton

## Notes

---



---



---



---



---



## Tuesday 15th September

### BJJ; Getting your work published and achieving the highest impact

10:00 – 11:30

Meeting Room 11

#### Chair

- Professor Fares Haddad

#### Session outline

- Professor Fares Haddad
  - Peer review and navigating the publication maze
- Professor Mathew Costa
  - Research methodology: key principles
- Daniel Perry
  - Big data – benefits and pitfalls
- Professor Hamish Simpson
  - Ethics and fraud
- Professor Gareth Scott
  - Optimising your chances

#### Discussion with Q&A

### BOOS Case Presentations

10:00 – 11:30

Meeting Room 12

#### Co-Chairs

- Paul Cool, BOOS President
- Robert Ashford

#### Session outline

- Professor Robert Grimer
  - Sarcoma and Litigation

*Bone tumour case presentations – discussion with the experts. Delegates are welcome to bring cases for discussion.*

#### Discussion with Q&A

### President's Welcome

11:30 – 12:00

Main Auditorium

- Professor Colin Howie, BOA President

### Howard Steel Lecture

12:00 – 12:40

Main Auditorium

#### Chair

- Professor Colin Howie, BOA President

#### Speaker

- James Ketchell
  - Nothing's Impossible

### Plenary: Managing Health Data Responsibly – guest lecture and panel session

13:30 – 14:45

Main Auditorium

#### Chair

- Professor Colin Howie, BOA President

#### Faculty

- Dame Fiona Caldicott, National Data Guardian
- Judith Fitch, Chair, BOA Patient Liaison Group
- Paul Halliwell, Orthopaedic Surgeon and Member of BOFAS Outcomes Registry Committee
- Blake Dobson, Principal Employer Liaison Adviser, General Medical Council
- Martyn Porter, Orthopaedic Surgeon and Medical Director, National Joint Registry
- Cathy Hassell, Head of Clinical Programmes and Team Support, NHS England
- Phil Johnston, Orthopaedic Surgeon and Caldicott Guardian, Cambridge University Hospitals NHS Foundation Trust

#### Session outline

- Dame Fiona Caldicott, National Data Guardian
  - Guest lecture 'Managing Health Data Responsibly'
- Panel introductions
- Panel discussion with Q&A
  - This panel session will cover a wide range of issues regarding data, from 'what do patients expect of a registry?' to data protection and governance for surgeons and trusts.

## Notes

## Tuesday 15th September

### Mapping a Way Forward for T&O Commissioning

14:55 – 16:25

#### Main Auditorium

##### Chair

- Timothy Wilton, BOA Vice President

##### Session outline

- Professor Colin Howie, BOA President
  - Current Challenges, BOA progress, Commissioning Guidance and collaborating with Commissioners as a professional responsibility
- Professor Peter Kay, National Clinical Director for MSK, NHS England
  - Commissioning Overview: NHS England, CCGs, CSUs and new developments
- Josephine Fox, Lay Member, BOA Patient Liaison Group, Nurse Director, BoneSmart Knee and Hip replacement patient advocacy and online community
  - The Patient perspective on commissioning
- Mr Joydeep Sinha, BOA Regional Adviser
  - 'We've done it': How T&O surgeons worked successfully with Commissioners
- Dr Barry Silvert, Clinical Director of Integrated Commissioning, NHS Bolton CCG
  - What is the Commissioner perspective on T&O?

##### Discussion with Q&A

### Hands Free Papers

14:55 – 16:25

#### Meeting Room 3A

##### Co-Chairs

- Daniel J Brown
- David Newington

### Trauma Research Symposium

14:55 – 16:25

#### Meeting Room 3B

##### Co-Chairs

- Professor Matt Costa
- Professor Amar Rangan

##### Faculty

- Professor Keith Willett
- Professor Matt Costa
- Professor Amar Rangan

##### Session outline

- Professor Matt Costa
  - DRAFFT – A randomised controlled trial of percutaneous fixation with kirschner wires verses volar locking-plate fixation in the treatment of adult patients with a dorsally displaced fracture of the distal radius
- Professor Amar Rangan
  - PROFHER – A randomised clinical trial comparing surgical versus standard non-surgical treatment for displaced proximal humeral fractures in adults
- Professor Keith Willett
  - Ankle Injury Management (AIM): pragmatic multi-centre equivalence randomised controlled trial comparing Close Contact Casting to Open surgical Reduction and Internal Fixation in the treatment of unstable ankle fracture in patients greater than 60 years

##### Discussion with Q&A

### General Topic Free Papers

14:55 – 16:25

#### Meeting Room 4

##### Chair

- Gordon Matthews, BOA Council

### BHS Revalidation; Managing the unhappy hip replacement patient

14:55 – 16:25

#### Meeting Room 11

##### Co-Chairs

- Professor Richard Field
- Jonathon Howell

##### Session outline

- Professor Fares Haddad
  - Is it infected?
- John Nolan
  - Is it loose?
- John Skinner
  - Is it the taper?
- Steve Jones
  - Is it unstable?
- Andrew Manktelow
  - Is it outside the hip?

*Followed by relevant case discussions with expert panel*

## Notes

---



---



---



---



---



## Tuesday 15th September

### Simulation

14:55 – 16:25

Meeting Room 12

#### Chair

- Catherine Kellett

#### Session outline

- Catherine Kellett
  - An update on Orthopaedic Simulation
- Phil Turner
  - Cutting edge research in Simulation

*BOA Simulation Prize presentations*

### Your Terms and Conditions; Is the surgical voice being heard?

16:45 – 17:45

Main Auditorium

#### Chair

- Professor Colin Howie, BOA President

#### Session outline

- Professor John MacFie, President, Federation Surgical Speciality Associations, UK and Ireland
  - Does surgery have a voice?
- Dr Paul Flynn, Chair, BMA Consultant Committee
  - The BMA view
- Bill McMillan, Assistant Director, Medical Pay and Workforce, NHS Employers
  - The NHS Employers view
- Simon Fleming, BOTA Vice President
  - What future surgeons think

#### Discussion with Q&A

### National Hip Fracture Database Session

16:45 – 17:45

Meeting Room 3A

#### Co-Chairs

- Rob Wakeman
- Tim Chesser

#### Session outline

- Rob Wakeman
  - The 2015 NHFD report
- Dr Antony Johansen
  - Orthogeriatrician or Perioperative Physician?
- Dr Stuart White
  - Changing Anaesthesia for Hip Fracture Patients

- Martina Faimali
  - Consultant level outcomes in hip fracture surgery

#### Discussion with Q&A

### General Topic Free Papers

16:45 – 17:45

Meeting Room 4

#### Chair

- Simon Donell

### BODS; 7 day services in secondary care

16:45 – 17:45

Meeting Room 11

#### Chair

- Sudhi Ankarath, Chair, British Orthopaedic Director's Society

#### Session outline

- Cathy Hassell, Head of Clinical Programmes and Team Support, NHS England
  - 7 day services in secondary care
- Claire Ashley, Senior Industrial Relations Officer, British Medical Association
  - Workforce models and challenges
- Bob Pearce, Deputy Director Service Delivery, Gloucestershire Hospitals NHS Foundation Trust
  - 7 day services – how we started the project

#### Discussion with Q&A

### Simulation

16:45 – 17:45

Meeting Room 12

#### Chair

- Catherine Kellett

#### Session outline

*Presentation of BOA Simulation Prize Winner*

- Paul Fearon
  - Best Practice in Simulation
- Chinmay Gupte
  - How to do research in Simulation
- Andrew Porteous
  - BASK Simulation Group report on Simulation for arthroscopy
- Lisa Hadfield-Law, BOA Education Advisor
  - Top Tips for using Simulation in everyday practice

### Notes

## Wednesday 16th September

	Main Auditorium	Meeting Room 3A	Meeting Room 3B	Meeting Room 4	Meeting Room 11	Meeting Room 12
07:15	Registration Opens					
07:30	Tea & Coffee served in the Exhibition Area					
08:30 - 10:00	NJR; Joint Responsibility - How to use and improve data in the NJR	BSCOS Revalidation; The Limping Child		Trauma Free Papers	Staying Safe in Spine	Best of the Best, sponsored by ARUK
10:00 - 10:30	COFFEE (Posters and Exhibition, lower level)					
10:30 - 12:00	NJR ----- Charnley Lecture	Major Trauma and Trauma Networks	Knee Free Papers	Children's Free Papers	Staying Safe in Spine	Best of the Best
12:00 - 12:30	President's Guest Lecture					
12:30 - 13:30	LUNCH (Posters and Exhibition, lower level)					
13:30 - 14:00	Robert Jones Lecture					
14:00 - 14:10	"Interlude - before afternoon Sessions"					
14:10 - 15:40	T&O Surgery after the General Election	Adrian Henry Lecture ----- BASK Revalidation; Enhanced recovery programme	Medico-Legal; MedCo and the MoJ: Whiplash Reporting 2015		Staying Safe in Spine; Boot Camp	
15:40 - 16:10	TEA (Posters and Exhibition, lower level)					
16:10 - 17:40	Planning for life after Work	BASK Revalidation	Medico-Legal; Montgomery Ruling: Changes in consent law in the United Kingdom 2015	Toward the Perfect Consultation; Making it work for patient and clinician	Staying Safe in Spine; Boot Camp	BOTA; What does good Orthopaedic training look like? A local, regional and national perspective
19:00 - 23:00	BOA Council and Invited Speakers' Dinner					

### Notes

---



---



---



---



---



## Wednesday 16th September

### **NJR; Joint Responsibility – how to use and improve data in the NJR**

**08:30 – 10:00**

**Main Auditorium**

#### **Chair**

- Laurel Powers-Freeling
  - Welcome and overview: progress

#### **Session outline**

- Martyn Porter, Medical Director, National Joint Registry
  - What does the 12th Annual Report tell us?
- Professor Mark Wilkinson, NJR Research Sub-committee Chairman
  - What can research do for our practice? – Reinvigorating research
- Professor Ashley Blom, NJR Statistical analysis lead at the University of Bristol
  - What can research do for our practise? – Latest research findings: mix and match implants, ethnicity
- Peter Howard, NJR Surgeon Outliers/Implant Performance Sub-committee Chairman
  - How does the NJR surgeon outlier identification work? Demystifying the process
- Martyn Porter, Medical Director, National Joint Registry
  - Improving data quality in the NJR: a national programme
  - Hospital – data quality
- Matthew Porteous, NJR Regional Clinical Coordinator Network Chairman
  - Surgeon view – data quality

#### **Discussion with Q&A**

### **BSCOS Revalidation; The Limping Child**

**08:30 – 10:00**

**Meeting Room 3A**

#### **Chair**

- Fergal Monsell

#### **Faculty**

- Roderick Duncan
- Giles Pattison
- Daniel Perry

#### **Discussion with Q&A**

### **Trauma Free Papers**

**08:30 – 10:00**

**Meeting Room 4**

#### **Co-Chairs**

- Nigel Rossiter, Immediate Past President, Orthopaedic Trauma Society
- Charlotte Lewis, Secretary, Orthopaedic Trauma Society

### **Staying Safe in Spine**

**08:30 – 10:00**

**Meeting Room 11**

#### **Co-Chairs**

- Iqroop Chopra
- Athanasios Tsirikos

#### **Session outline**

- T Muthukumar
  - Radiological investigations of acute spinal conditions
- Harshad Dabke
  - Cauda Equina Syndrome: BASS guidelines
- Mel Grainger
  - Metastatic Spinal disease and cord compression
- Stuart Blagg
  - Spinal trauma

#### **Discussion with Q&A**

### **Best of the Best, sponsored by ARUK**

**08:30 – 12:00**

**Meeting Room 12**

#### **Co-Chairs**

- Paul Manning, Chair, Training Programme Directors Forum
- Simon Hodgkinson, Deputy Chair, Training Programme Directors Forum

#### **Presenters and Papers**

#### **3-D Printed Scaffolds: A Potential New Dawn for Bone Tissue Regenerative Strategies**

Black. C, Yang. S, Vaezi. M, Oreffo. R, Dunlop. D, Health Education England, Wessex

#### **Anticoagulation and Hip Fractures: Determination of the Most Effective Dose of Vitamin K to Reduce Delays to Theatre**

Anderson. M, Chan. F, Tameside General Hospital

## Notes

## Wednesday 16th September

### **Do Fibula Locking Plates Increase the Likelihood of a Post-operative Wound Complication?**

Gee. C, Page. P, Crome. C, Vaughan. A, Bhachu. D, St George's Hospital

### **Do Trainee Surgeons Adversely Affect THR Outcomes? A 10 Year Review**

Faulkner. A, Shitole. B, Clift. B, Ninewells Hospital and Medical School

### **The Effect of Bone Cement on the Intrinsic Properties of Surgical Gloves**

Devine. D, Chen. Y, Sheehan. E, Midland Regional Hospital, Tullamore, Ireland and Athlone Institute of Technology

### **Heterotopic Ossification – A novel Approach to Prevention and Treatment – Preliminary Results**

Grover. LM, Stapley.SA, School of Biochemical Engineering, University of Birmingham and Academic Department of Military Surgery and Training

### **How to Make Friends and Influence People: An Exploration of the Orthopaedic Personality**

Barksfield. RC, Shah. R, Patel. N, Shabajee. NH, Southmead Hospital, Bristol

### **The Influence of Closing Wedge Angle on Leg Length Discrepancy after Proximal Femoral Varus Osteotomy**

Hashemi-Nejad. A, Abdul-Jabar. HB, Royal National Orthopaedic Hospital

### **The Lateral Meniscus as a Landmark for Patient Specific Tibial Tunnel Placement in Anatomical ACL Reconstruction: A Validated Technique**

Tillotson. L, Schranz. PJ, Mandalia. VI, Royal Devon and Exeter NHS Foundation Trust

### **Multimodal Neuromonitoring is the Gold Standard in Spinal Deformity Surgery: A Single Centre Experience of 354 Consecutive Adult and Paediatric Spinal Deformity Operations**

Bhagat. S, Grover. H, Blake. J, Lutchman. L, Rai. AS, Crawford. R

### **A Novel Technique; Mobile Phone Generated Vibrations Used To Detect Diabetic Peripheral Neuropathy; A Diagnostic RCT**

Morris. M, Chesterfield Royal Foundation Trust Hospital

### **Predicting Length of Stay in Arthroplasty Enhanced Recovery Programs**

Akehurst. H, Arunachalam. H, Eitel. C, Rao. M, Royal County Hospital, Guildford

### **Prognostic Factors of Patients with Appendicular Skeletal Metastases from Breast Carcinoma**

McNair. M, Cribb. GL, Cool. P, Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust

### **A Prospective Randomized Controlled Trial Comparing Clinical and Functional Outcomes of ACL Reconstruction using Anatomical Single-bundle versus Anatomical Double-bundle Technique**

Hong Kong Young Ambassador, Dr Tim-Yun Ong. M

### **Randomised Controlled Trial of Metatarsal Block Versus Ankle Block in First Ray Surgery**

Attwal. M, Bhatia. M, Fombon. F, University Hospitals of Leicester

### **Reducing Discard Rates at a Regional Bone Banking Facility**

Warnock J.M, Davidson. H, Millar. C, McAlinden. MG, Musgrave Park Hospital

### **A Single Blind Randomised Controlled Trial of the Impact of Arm Elevation versus Exsanguination Prior to Tourniquet Inflation on Patient Reported Pain**

Baker. P, South Tees Hospitals NHS Foundation Trust

### **Spinopelvic Dissociation: Have We Finally Got An Answer?**

El-Daly. I, Culpan. P, Ranganathan. A, Montgomery. A, Bates. P, The Royal London Hospital

### **Total Joint Replacement in HIV-positive Patients**

Lubega.N, Mkandawire.N, Harrison. W.J, Countess of Chester Hospital, BEIT CURE International Hospital Blantyre Malawi, Queen Elizabeth Central Hospital Blantyre Malawi

### **The Tail-Gating Principle: A New Lengthening Technique for the Surgical Treatment of Early Onset Scoliosis.**

Rolton.D J, Inaparthy. P, Sonecha .S, Subramanian. T, Wilson-Macdonald. J and Nnadi. C, Nuffield Orthopaedic Centre

### **Using Immunohistochemical Markers to Guide Management of Intramuscular Myxomas**

Briggs. T, Amary. F, Jagiello. J, Chou.D, Aston.W, Royal National Orthopaedic Hospital NHS Trust, Stanmore

### **Does External Rotation Bracing for Anterior Shoulder Dislocation Actually Result in Reduction of the Labrum? A Systematic Review**

Saithna. A, Old. J, MacDonald. P, University Hospitals Coventry and Warwickshire NHS Trust

## Notes

---



---



---



---



---



## Wednesday 16th September

### NJR

10:30 – 11:15

Main Auditorium

#### Chair

- Martyn Porter, Medical Director, National Joint Registry  
- Introduction and NJR International collaboration

#### Session outline

- Professor Stephen Graves, Director, Australian Orthopaedic Association National Joint Replacement Registry  
- ICOR development and harmonisation
- Liz Paxton, Director of Surgical Outcomes and Analysis, Southern California Permanente Medical Group  
- Clinical improvement

### Charnley Lecture

11:15 – 12:00

Main Auditorium

#### Chair

- John Nolan

#### Speaker

- Professor Göran Garellick MD, PhD, Register Director, Swedish Hip Arthroplasty Register  
- Joint Replacement Registers. What They Can and Cannot Tell Us About Surgeons

### Major Trauma and Trauma Networks

10:30 – 12:00

Meeting Room 3A

#### Co-Chairs

- Tim Chesser
- Professor Chris Moran, National Clinical Director for Trauma for NHS England

#### Session outline

- Professor Chris Moran, National Clinical Director for Trauma for NHS England  
- England and the Major Trauma Network – where are we now?
- Professor Belinda Gabbe, Head of the Pre-hospital, Emergency and Trauma Research Unit, Monash University  
- The future of trauma networks – what can we do?
- Mike Reed, Clinical Lead for Quality, Northumbria Healthcare  
- Training in Trauma – What's changed?

- Nigel Rossiter, Immediate Past President, Orthopaedic Trauma Society  
- How should consultants keep up to date and maintain skills in Trauma?

#### Discussion with Q&A

### Knee Free Papers

10:30 – 12:00

Meeting Room 3B

#### Co-Chairs

- Colin Esler
- Richard Parkinson
- Leela Biant
- Simon Donell

### Children's Free Papers

10:30 – 12:00

Meeting Room 4

#### Co-Chairs

- Roderick Duncan
- Giles Pattison

### Staying Safe in Spine

10:30 – 12:00

Meeting Room 11

#### Co-Chairs

- Iqroop Chopra
- Athanasios Tsirikos

#### Session outline

- Kshitish Mohanty  
- Acute lower back pain and SI Joint Dysfunction
- Athanasios Tsirikos  
- Spinal pain and deformity in children
- Robert Crawford  
- Spinal infections
- Charles Greenough  
- Spinal MDTs and regional spinal networks

#### Discussion with Q&A

### Notes

## Wednesday 16th September

### President's Guest Lecture

12:00 – 12:30

Main Auditorium

#### Chair

- Colin Howie, BOA President

#### Speaker

- Professor Stefan Lohmander, MD PhD Senior Professor, Lund University
  - Sustainable Orthopaedics, Evidence and Ethics

### Robert Jones Lecture

13:30 – 14:00

Main Auditorium

#### Chair

- Clare Marx, President, Royal College of Surgeons of England

#### Speaker

- Professor Keith Willett
  - If it's about quality and cost; Let clinicians design healthcare

### T&O Surgery after the General Election

14:10 – 15:40

Main Auditorium

#### Chair

- Professor Colin Howie, BOA President
  - Opening remarks and introduction

#### Session outline

- Clare Marx, President, Royal College of Surgeons of England
  - The Royal College's Political priorities
- Philip Mitchell, BOA Council Member and Board Member, ARMA
  - An MSK perspective on the Politics affecting T&O
- David Sissling, Chief Executive, Kettering Hospital NHS Trust
  - A perspective from the NHS Acute Sector
- Paul Manning, Clinical Chairman, Circle
  - Transforming services and the politics of change
- Nishan Sunthares, Chief Operating Officer, ABHI
  - What the next 5-10 years holds for the medical technology industry
- Mustafa Rashid, BOTA President
  - View from BOTA

- Angela Smith MP, Labour Party
  - Current health priorities for this Parliament
- Weng Ang, Lay Member, BOA Patient Liaison Group
  - A Patient Perspective on the Political Landscape

#### Discussion with Q&A

### Adrian Henry Lecture

14:10 – 14:55

Meeting Room 3A

#### Chair

- Richard Parkinson

#### Speaker

- Dr Tony Rhorer, Orthopaedic Surgeon, Scottsdale Arizona, USA
  - Fractures around the Knee

### BASK Revalidation

14:55 – 15:40

Meeting Room 3A

#### BASK Revalidation; Enhanced recovery programme

#### Chair

- Richard Parkinson

#### Faculty

- David Johnson
- David Houlihan-Burne
- Will Jackson

### Medico-Legal; MedCo and the MoJ: Whiplash Reporting 2015

14:10 – 15:40

Meeting Room 3B

#### Chair

- Mike Foy, Chair, BOA Medico-Legal Committee

#### Session outline

- Lorraine Rogerson, Chair, MedCo Registration Solutions
  - MedCo position
- Deborah Evans, Chief Executive, Association of Personal Injury Lawyers
  - Solicitors position
- David Teanby
  - Orthopaedic position

#### Discussion with Q&A

### Notes

---



---



---



---



---



## Wednesday 16th September

### Staying Safe in Spine; Boot Camp

14:10 – 15:40

Meeting Room 11

*Please note places are limited. The 14:10 session will be repeated at 16:10*

#### Co-Chairs

- Iqroop Chopra
- Athanasios Tsirikos

#### Session outline

- Debashish Pal
  - Ankylosing Spondylitis
- Athanasios Tsirikos
  - The Painful Spine in children and adolescents
- Stuart Blagg
  - A&E and Ward management of unstable spine
- Harshad Dabke
  - Spinal infection
- T Muthukumar
  - Radiological intervention in acute spinal conditions
- Kshitish Mohanty
  - Differentiating spinal / local causes of limb pain
- Bob Chatterjee
  - Halo Application and management and acute management of upper C-Spine fractures
- Robert Crawford
  - Acute management of thoracolumbar fractures
- Mel Grainger
  - Acute management of Metastatic Spinal disease

### Planning for life after Work

16:10 – 17:40

Main Auditorium

#### Chair

- Simon Appleyard
  - Area manager, Wesleyan

#### Session outline

- About Wesleyan – who we are
- How recent changes to the NHSPS could affect your pension
- What is the Career Average Scheme?
- How to increase your pension benefits in the 2015 Scheme

- Alternative ways of saving for retirement
- Why it is important to get advice

#### Discussion with Q&A

### BASK Revalidation; Acute knee injuries

16:10 – 17:40

Meeting Room 3A

#### Chair

- Colin Esler

#### Session outline

- Sanjeev Anand
  - Assessment
- Adil Ajuied
  - Meniscus injuries
  - Meniscal preservation
- Leela Biant
  - Osteochondral injuries
- Andrew Porteous
  - Knee dislocations

#### Discussion with Q&A

### Medico-Legal; Montgomery Ruling: Changes in consent law in the United Kingdom 2015

16:10 – 17:40

Meeting Room 3B

#### Chair

- Mike Foy, Chair, BOA Medico-Legal Committee

#### Session outline

- Giles Eyre, Barrister
  - Legal position
- Peter Worlock
  - The Orthopaedic position

#### Discussion with Q&A

### Toward the perfect consultation – making it work for patient and clinician

16:10 – 17:40

Meeting Room 4

#### Chair

- Judith Fitch, Chair, BOA Patient Liaison Group

#### Faculty

- Kate Roxburgh, Lay Member, BOA Patient Liaison Group

## Notes

## Wednesday 16th September

- Josephine Fox, Lay Member, BOA Patient Liaison Group, Nurse Director, BoneSmart Knee and Hip Replacement Patient Advocacy and Online Community
- Philip Mitchell, Clinical Vice Chair, BOA Patient Liaison Group, Board Member, ARMA
- Nilesh Makwana, Clinical Member, BOA Patient Liaison Group, Chair, Welsh National Specialist Advisory Group (NSAG)
- Caroline Kendrick, Lead nurse for pre-assessment, South West London Elective Orthopaedic Centre
- Jon Tose, General Practitioner South Tyneside, GP Clinical Director NHS South Tyneside CCG and Clinical Lead NHS Trafford CCG

### Session outline

- Making Good Decisions in Collaboration
- Compare the consultation – the good and bad experiences
- The perfect consultation, a clinical view
- The perfect consultation, a patient's view
  - Open discussion – second opinions
- What to take away, patient information - what works?

### Discussion with Q&A

### Staying Safe in Spine; Boot Camp

16:10 – 17:40  
Meeting Room 11

*Please note places are limited*

### Co-Chairs

- Iqroop Chopra
- Athanasios Tsirikos

### Session outline

- Debashish Pal
  - Ankylosing Spondylitis
- Athanasios Tsirikos
  - The Painful Spine in children and adolescents
- Stuart Blagg
  - A&E and Ward management of unstable spine
- Harshad Dabke
  - Spinal infection
- T Muthukumar
  - Radiological intervention in acute spinal conditions
- Khitish Mohanty
  - Differentiating spinal / local causes of limb pain
- Bob Chatterjee

- Halo Application and management and acute management of upper C-Spine fractures
- Robert Crawford
  - Acute management of thoracolumbar fractures
- Mel Grainger
  - Acute management of Metastatic Spinal disease

### BOTA; What does good Orthopaedic training look like? A local, regional and national perspective

16:10 – 17:40  
Meeting Room 12

### Chair

- Mustafa Rashid, BOTA President

### Faculty

- Mustafa Rashid, BOTA President
- Simon Fleming, BOTA Vice President
- David Large, Chairman SAC for T&O UK and Ireland
- Mike Reed, BOTA 2015 Training Programme Director of the Year
- Niall Eames, BOTA 2015 Trainer of the Year

### Session outline

*Working from a local level and building up to a national scale, panel members will describe common training issues and, using examples, illustrate how these challenges were overcome. Focus will be placed on novel and innovative solutions to tackling common training issues.*

- Niall Eames, BOTA 2015 Trainer of the Year
  - Examples of how excellent training opportunities can be cultivated alongside service commitments in the NHS at a local level
- Mike Reed, BOTA 2015 Training Programme Director of the Year
  - Insights on how TPDs have improved aspects of their own training programmes, for example dealing with poorly performing training posts, improving access to simulation training, and projects aimed at supporting trainees sitting the FRCS
- David Large, Chairman SAC for T&O UK and Ireland
  - A national perspective regarding a number of issues including CCT guidelines, indicative numbers, OOPTs and final ST8 ARCPs

### Discussion with Q&A

## Notes

---



---



---



---



---



# Thursday 17th September

	Main Auditorium	Meeting Room 3A	Meeting Room 3B	Meeting Room 4	Meeting Room 11	Meeting Room 12
07:15	Registration Opens					
08:30 - 10:00	Trauma Revalidation; This is important, this is new!	Foot and Ankle Free Papers	Regional Advisers and Clinical Champions; Influencing commissioning	BOSTAA Instructional	BESS Revalidation	BLRS Revalidation/Free Papers
10:00 - 10:30	COFFEE (Posters and Exhibition, lower level)					
10:30 - 12:00	Trauma Revalidation; Fix or replace - Proximal humerus, distal humerus, acetabular and distal femoral fractures	BOFAS Revalidation	Top tips for improving quality in T&O	Sports Free Papers	Shoulder and Elbow Free Papers	WOC including Free Papers
12:00 - 12:30	The Sir Walter Mercer Lecture					
12:30 - 12:45	Awards and Prizes for 2015					
12:45 - 13:45	AGM					
13:45 - 14:35	LUNCH (Posters and Exhibition, lower level)					
14:35 - 15:00	President's Handover					
15:00 - 15:10	"Interlude - before afternoon Sessions"					
15:10 - 16:40	Trauma Revalidation; Practical approaches	Naughton Dunn Lecture ----- Kevin Black, AOA; Health Systems Education for Orthopaedic Residents	IOS (UK) Indian Summer; An update from the East	CAOS Revalidation; Ethics and Results in Computer Assisted Knee Arthroplasty	Generics in orthopaedics; Has the time come?	Audit & Management Free Papers
16:40 - 17:00	TEA (Galleria Area)					
17:00 - 18:00	Trauma Revalidation; Tips and tricks	Pain Medicine Demystified	IOS (UK) Indian Summer; An update from the East	Spines Free Papers	ARMA; MSK clinical networks: building the future of MSK care	
18:00 - 19:30	ABC Fellows Reception (by Invitation ONLY)					
19:30 - 23:00	IOS (UK) Indian Summer Dinner					

## Notes

---



---



---



---



---

## Thursday 17th September

### Trauma Revalidation - This is important, this is new!

08:30 – 10:00

#### Main Auditorium

##### Chair

- Professor Chris Moran, National Clinical Director for Trauma for NHS England
  - This is important, this is new!

##### Session outline

- Bob Handley
  - Welcome – OTS and trauma delivery
- Alan Johnstone
  - Compartment syndrome
- Pete Bates
  - Pelvic fractures: clot stabilisation
- Mike Kelly
  - Open Fractures – a practical guide
- Professor Chris Moran, National Clinical Director for Trauma for NHS England
  - Rib fractures
- Will Eardley
  - Measuring trauma performance

##### Discussion with Q&A

### Foot and Ankle Free Papers

08:30 – 10:00

#### Meeting Room 3A

##### Chair

- Matthew Solan, Chair, BOFAS Scientific Committee

### Regional Advisers and Clinical Champions; Influencing commissioning

08:30 – 10:00

#### Meeting Room 3B

##### Chair

- Grey Giddins

##### Session outline

- Don McBride, BOA Honorary Treasurer
  - The role and importance of commissioning including the successes in the NEW Devon and Coastal West Sussex

- Timothy Wilton, BOA Vice President
  - Commissioning Guidance documents
- Rob Gregory
  - A network approach
- Speaker TBC
  - The CCG perspective

##### Audience experience

##### Discussion with Q&A

### BOSTAA Instructional

08:30 – 10:00

#### Meeting Room 4

##### Co-Chairs

- Simon Roberts
  - Introduction
- Professor Fares Haddad

##### Session outline

- Sam Oussedik
  - Isolated ACL Rupture: Repair or Conservative
- Andy Williams
  - Multiligament injury
- Simon Donell
  - Patellar Dislocation
- Mike McNicholas
  - Meniscal Repair
- Peter Schranz
  - Osteochondral Fractures

##### Discussion with Q&A

### BESS Revalidation

08:30 – 10:00

#### Meeting Room 11

##### Chair

- Martin Holt, Chair, BESS Education Committee

##### Session outline

- David Clark
  - Radial Head Fractures; when to operate?
- Tom Lawrence
  - Elbow instability and terrible triad injuries
- Amjid Ali
  - Complex Monteggia fracture dislocations in adults

## Notes

---

---

---

---

---

---



# Thursday 17th September

## BLRS Revalidation/Free Papers

08:30 – 10:00  
Meeting Room 12

### Co-Chairs

- Durai Nayagam
- Badri Narayan

### Session outline

#### Free Papers

#### The Infected ORIF: suppress, revise or refer?

- Deepa Bose
  - Is it infected? How can I tell?
- Dr Jonathan Folb
  - The spectrum of infection, and the role of antibiotics
- Bob Handley
  - One stage versus two stage revision
- Professor Hamish Simpson
  - Resection and external fixation

### Discussion with Q&A

## Trauma Revalidation – Fix or replace - Proximal humerus, distal humerus, acetabular and distal femoral fractures

10:30 – 12:00  
Main Auditorium

### Chair

- Nigel Rossiter, Immediate Past President, Orthopaedic Trauma Society

### Session outline

*Series of short debates on fix or replace in selected proximal humerus, distal humerus, acetabular and distal femoral fractures.*

- Andy Murphy and Steve Aldridge
  - Proximal humerus – fix or replace
- Andy Gray and Rouin Amirfeyz
  - Distal humerus – fix or replace
- Paul Culpan and Tony Ward
  - Acetabulum – fix or replace?
- Iain Stevenson and Alan Norrish
  - Distal femur – fix or replace?

*Presentation of draft guidelines to the audience for Proximal humerus, Distal humerus, Acetabulum and Distal femur.*

### Discussion with Q&A

## BOFAS Revalidation

10:30 – 12:00  
Meeting Room 3A

### Chair

- Chris Blundell, Chair, BOFAS Education Committee

### Session outline

- Hiro Tanaka
  - Clinical assessment of hallux valgus
- Fred Robinson
  - What osteotomy and why?
- Anthony Perera
  - Fact or fiction – a review of the evidence
- Mark Davies
  - Management of surgical complications

### Discussion with Q&A

- James Ritchie
  - Ships, Splints and Bone Setters; Liverpool and the birth of British Orthopaedics

## Top Tips for Improving Quality in T&O

10:30 – 12:00  
Meeting Room 3B

### Chair

- Mike Reed, Clinical Lead for Quality, Northumbria Healthcare

### Faculty

- Annie Laverty, Director of Quality and Patient Experience, Northumbria Healthcare

### Session outline

*A practical workshop to understand:*

- The research on improving clinical systems
- The barriers encountered when improving quality – 10 key challenges to anticipate
- Top tips for measuring and improving quality with examples from trauma and orthopaedics

## Sports Free Papers

10:30 – 12:00  
Meeting Room 4

### Co-Chairs

- Michael Dobson
- Panos Thomas

## Notes

---

---

---

---

---

---

## Thursday 17th September

### Session outline

- Santosh Vencatchalam  
- BOSTAA Fellowship report

### Free Papers

#### Shoulder and Elbow Free Papers

10:30 – 12:00  
Meeting Room 11

#### Chair

- Martin Holt, Chair, BESS Education Committee

#### WOC (including free papers)

10:30 – 12:00  
Meeting Room 12

#### Co-Chairs

- Deepa Bose
- Steve Mannion

### Session outline

- Professor Geoffrey Walker  
- Valediction for Ron Huckstep
- Professor Chris Lavy  
- Lancet report on global surgery
- C. Chandrasekar  
- Management of sarcomas in low/middle income countries
- Karin Diaconu, Doctoral Researcher and Advait Gummaraju, BMedSci Student  
- Adoption of the SIGN intramedullary nail in Tanzania and the economics of femur fracture care in African health care

### Free Papers

#### Discussion with Q&A

#### The Sir Walter Mercer Lecture

12:00 – 12:30  
Main Auditorium

#### Chair

- David Large, Chairman SAC for T&O UK and Ireland

#### Speaker

- Professor W Angus Wallace

- A life time experience of repairing joint ligaments with artificial augmentation at the shoulder, sternoclavicular joint, elbow and ankle

#### Awards and Prizes

12:30 – 12:45  
Main Auditorium

#### Chair

- David Limb, BOA Education Board Chair and BOA Honorary Secretary

#### Speaker

- Professor Colin Howie, BOA President

#### AGM

12:45 – 13:45  
Main Auditorium

#### President's Handover

14:35 – 15:00  
Main Auditorium

#### Co-Chairs

- Professor Colin Howie, BOA President
- Timothy Wilton, BOA Vice President

#### Trauma Revalidation - Practical approaches

15:10 – 16:40  
Main Auditorium

#### Chair

- Tim Chesser

#### Session outline

- Mark Crowther  
- Shoulders and clavicles
- Shiva Gopal  
- Wrist fractures
- Tim Chesser  
- Hip fractures – update
- Tim White  
- Ankle fractures

#### Discussion with Q&A

## Notes

---



---



---



---



---



## Thursday 17th September

### Naughton Dunn Lecture

15:10 – 15:55

Meeting Room 3A

#### Chair

- Chris Blundell, Chair, BOFAS Education Committee

#### Speaker

- Kartik Hariharan  
- Of Fossils and Feet: An Anthropological story of the Human Foot

### Kevin Black, AOA; Health Systems Education for Orthopaedic Residents

15:55 – 16:40

Meeting Room 3A

#### Chair

- David Limb, BOA Education Board Chair and BOA Honorary Secretary

#### Speaker

- Dr Kevin Black, President, American Orthopaedic Association  
- Health Systems Education for Orthopaedic Residents

### IOS (UK) Indian Summer; An update from the East

15:10 – 16:40

Meeting Room 3B

#### Co-Chairs

- Venu Kavarthapu, Immediate Past President IOS (UK)
- Nikhil Shaw

#### Session outline

- Venu Kavarthapu, Immediate Past President IOS (UK)  
- Welcome Address
- Professor Ajay Puri  
- Extending the Frontiers of Orthopaedic Oncology – Geographically and Surgically
- Professor C J Thakkar  
- The Pelvic-Acetabular Puzzle – creation from comminution
- Professor Anil Jain  
- Tuberculosis of spine revisited – clinical research to treatment guidelines

#### Discussion

### CAOS Revalidation; Ethics and results in computer assisted knee arthroplasty

15:10 – 16:40

Meeting Room 4

#### Chair

- Robin Strachan, President, CAOS UK

#### Faculty

- Professor William Macaulay
- Professor Richard De Steiger
- Dinesh Nathwani, Executive Officer, CAOS UK
- Frederic Picard, Past President, CAOS UK
- Alberto Gregori

#### Session outline

- Alberto Gregori  
- The Ethical Implications of Recent Innovations in Knee Arthroplasty
- Professor William B Macaulay  
- Imageless Navigation in Computer Assisted Surgery in TKA provides superior short term Functional Outcome: A Metanalysis
- Professor Richard De Steiger  
- Computer Navigation for TKA reduces revision rate for patients less than 65 years of age

#### Discussion with Q&A

### Generics in Orthopaedics; Has the time come?

15:10 – 16:40

Meeting Room 11

#### Co-Chairs

- Professor Fares Haddad
- John Skinner

#### Faculty

- Chris Tulloch
- Matthew Porteous
- Professor Justin Cobb
- Jonathan Howell
- Paul Mosely, Outgoing Chair, ABHI Orthopaedics SIS  
- Back to the future?

## Notes

## Thursday 17th September

### Session outline

*Debate followed by panel discussion on the introduction and evaluation of new products, and how the UK is leading the way in evaluation of new implants.*

### Discussion with Q&A

#### Audit & Management Free Papers

15:10 – 16:40

Meeting Room 12

### Chair

- Ian McNab, BOA Council

#### Trauma Revalidation – Tips and Tricks

17:00 – 18:00

Main Auditorium

### Chair

- Ian Winson

### Session outline

- Mark Crowther
  - Shoulder and clavicle
- Adam C Watts
  - Elbow
- Shiva Gopal
  - Wrists
- Tim Chesser
  - Proximal femur
- Pete Hull
  - Distal femur
- Tim White
  - Tibial top and tail
- Ian Winson
  - Ankle and foot (bath time!)
- Mike Kelly
  - Head to toe tour

### Discussion with Q&A

- Bob Handley
  - Closing remarks

#### Pain Medicine Demystified!

17:00 – 18:00

Meeting Room 3A

### Chair

- Dr Barry Miller, Chair of the Faculty of Pain Medicine Training and Assessment Committee and Board Member

### Session outline

*“Pain Medicine Demystified!”*

- Dr Manohar Sharma
  - Treatment Continuum in Pain Medicine
- Dr Barry Miller, Chair of the Faculty of Pain Medicine Training and Assessment Committee and Board Member
  - When to refer to Pain Medicine

*“What is the evidence?”*

- Dr Shyam Balasubramanian
  - Pharmacotherapy
- Dr Sanjeeva Gupta, Educational Meetings Advisor, Faculty of Pain Medicine
  - Spinal interventions
- Dr Paul Wilkinson
  - Pain management programme

### Discussion with Q&A

#### IOS (UK) Indian Summer; An update from the East

17:00 – 18:00

Meeting Room 3B

### Co-Chairs

- Anand Arya, President IOS (UK)
- Bijay Singh

### Session outline

- Dr KH Sancheti
  - The Indus total knee replacement – an indigenous solution for knee arthritis in India
- Dr Pichai Suryanarayan
  - Two decades of revision surgeries of the hip – the tips and tricks

### Discussion

- Anand Arya, President IOS (UK)
  - Closing remarks

## Notes

---



---



---



---



---



# Thursday 17th September

## Spines Free Papers

17:00 – 18:00  
Meeting Room 4

### Co-Chairs

- Alistair Stirling
- Robert Crawford

## ARMA; MSK clinical networks: building the future of MSK care

17:00 – 18:00  
Meeting Room 11

### Chair

- Federico Mosconi, CEO, ARMA

### Faculty

- Professor Peter Kay, MSK National Clinical Director, NHS England
- Dr Ollie Hart, GPwSI and MSK Clinical Lead Sheffield CCG
- Professor Colin Howie, BOA President

### Session outline

- Understanding the “lay of the land” for MSK in the NHS in England
- How the MSK clinical networks projects is aiming to shape it
- What it means for Orthopaedics
- How you can be involved in taking things forward in your locality in the ways discussed

### Discussion with Q&A

## Notes

---

---

---

---

---

## Friday 18th September

	Meeting Room 3A	Meeting Room 3B	Meeting Room 4	Meeting Room 11	Meeting Room 12
07:15	Registration Opens				
08:30 - 10:00	Good Clinical Practice Training	Non-Technical Skills - RCSEd	Medical Students' Session (Pre-registration only)	Clinical Exam Course (Pre-registration only)	TOCS and TOES (Pre-registration only)
10:00 - 10:30	COFFEE (lower level)				
10:30 - 12:00	Good Clinical Practice Training	Non-Technical Skills - RCSEd	Medical Students' Session (Pre-registration only)	Clinical Exam Course (Pre-registration only)	TOCS and TOES (Pre-registration only)
12:00 - 13:00	LUNCH (lower level)				
13:00 - 14:30		Incorporating professionalism teaching within a T&O training programme	Medical Students' Session (Pre-registration only)	Clinical Exam Course (Pre-registration only)	TOCS and TOES (Pre-registration only)
14:30 - 16:00			Medical Students' Session (Pre-registration only)	Clinical Exam Course (Pre-registration only)	TOCS and TOES (Pre-registration only)
	CLOSE				

## Notes

---



---



---



---



---



## Friday 18th September

### Good Clinical Practice Training

**08:30 – 10:00**

**Meeting Room 3A**

*Please note this is a repeat session - delegates need only attend one*

#### Chair

- Gareth Hayes, GCP Consultant and Co-editor of the Journal of Clinical Research and GCP

#### Session outline

*This session is essential to everyone who is actively involved in the clinical research arena or who is planning to do research and requires GCP certification to continue. It will provide all the latest information on the new regulations, particularly regarding Statutory Instruments, additional requirements for informed consent and the importance of the quality management systems and the audit/inspection process. The session will finish on an update to the revised Declaration of Helsinki (2013) and the planned European Regulation (2016). The session uses a blend of trainer input and group exercise. All attendees will receive certification.*

### Non-Technical Skills - RCSEd

**08:30 – 12:00**

**Meeting Room 3B**

#### Chair

- Simon Paterson-Brown, Consultant General and Upper GI Surgeon, Royal Infirmary of Edinburgh, Chairman, Patient Safety Board RCSEd

#### Session outline

*This is a three hour workshop discussing, demonstrating and using the NOTSS taxonomy for observing surgeons' non-technical skills in the operating room. The role of human factors and non-technical skills in adverse events will be explored along with how better non-technical skills can reduce errors and improve performance. The workshop will involve lectures, video scenarios, interactive group discussions and audience response systems.*

### Medical Students' Session (Pre-Registration only)

**08:30 – 16:00**

**Meeting Room 4**

*Please note session begins at 09:30*

#### Chair

- Duncan Tennent, BOA Education Committee

#### Session outline

- Duncan Tennent
  - Future patient demand for Orthopaedics
  - Size of the Profession and the scope of T&O practice
- Osmond Thomas
  - Introduction to orthopaedic clinical examination
- James Fernandes
  - Upper limb examination techniques
- Ian Braithwaite
  - Spine examination
- Irwin Lasrado
  - Lower limb examination techniques
- Zoë Little
  - How to get on to a training course
- Jowan Penn-Barwell
  - Military orthopaedics
- Ciara Stevenson
  - Orthopaedic surgery... is it a man's job?
- Magnus Arnander
  - How to get a paper published
- Duncan Tennent
  - Summary and close

### Clinical Exam Course (Pre-Registration only)

**08:30 – 16:00**

**Meeting Room 11**

#### Chair

- Fazal Ali

#### Faculty

- Ian Braithwaite
- Irwin Lasrado
- James Fernandes
- Osmond Thomas
- Paul Banaszkiwicz
- Paul Haslam

### Notes

## Friday 18th September

- Stanley Jones
- Shantanu Shahane
- Ben Gooding
- Joe Garcia
- John Wright

### Session outline

#### Lectures

- Paul Banaszkiwicz
  - Clinical Examination of the Hip
- Paul Haslam
  - Clinical Examination of the Knee
- Stanley Jones
  - Clinical Examination of the Foot and Ankle
- Fazal Ali
  - Clinical Examination of the Spine
- Shantanu Shahane
  - Clinical Examination of the Shoulder
- Ben Gooding
  - Clinical Examination of the Elbow
- Joe Garcia
  - Clinical Examination of the Hand and Wrist
- John Wright
  - Clinical Examination of the Peripheral nerves of the upper limb

*Practical stations; Participants rotate in groups (based on experience) through stations every 20-25 minutes*

*Stations: Hip, Knee, Foot and Ankle, Spine, Shoulder and Elbow, Hand and Wrist and Peripheral nerves*

### TOCS and TOES (Pre-Registration only)

**08:30 – 16:00**

**Meeting Room 12**

#### Chair

- Lisa Hadfield-Law, BOA Education Advisor

#### Session outline

- Principles of effective surgical assessment
- Providing effective feedback
- Getting the most from the T&O curriculum
- Maximising ISCP workplace based assessments
- Agreeing a learning plan
- Challenges facing trainers

### Good Clinical Practice Training

**10:30 – 12:00**

**Meeting Room 3A**

*Please note this is a repeat session - delegates need only attend one*

#### Chair

- Gareth Hayes, GCP Consultant & Co-editor of the Journal of Clinical Research and GCP

#### Session outline

*This session is essential to everyone who is actively involved in the clinical research arena or who is planning to do research and requires GCP certification to continue. It will provide all the latest information on the new regulations, particularly regarding Statutory Instruments, additional requirements for informed consent and the importance of the quality management systems and the audit/inspection process. The session will finish on an update to the revised Declaration of Helsinki (2013) and the planned European Regulation (2016). The session uses a blend of trainer input and group exercise. All attendees will receive certification.*

### Incorporating professionalism teaching within a T&O training programme

**13:00 – 14:30**

**Meeting Room 3B**

#### Chair

- Bill Ryan
  - Introduction

#### Session outline

- Steve Bale
  - The shape of training across the UK
- David Johnson
  - Evolution of a teaching programme
- Phil Turner, Chair, BOA Training Standards Committee
  - Professionalism – what the curriculum says
- Aqeel Bhutta
  - Development of professionalism module
- Bill Ryan
  - Embedding professionalism into the training programme
- David Johnson
  - Assessing the training/teaching programme

#### Discussion with Q&A

## Notes

---



---



---



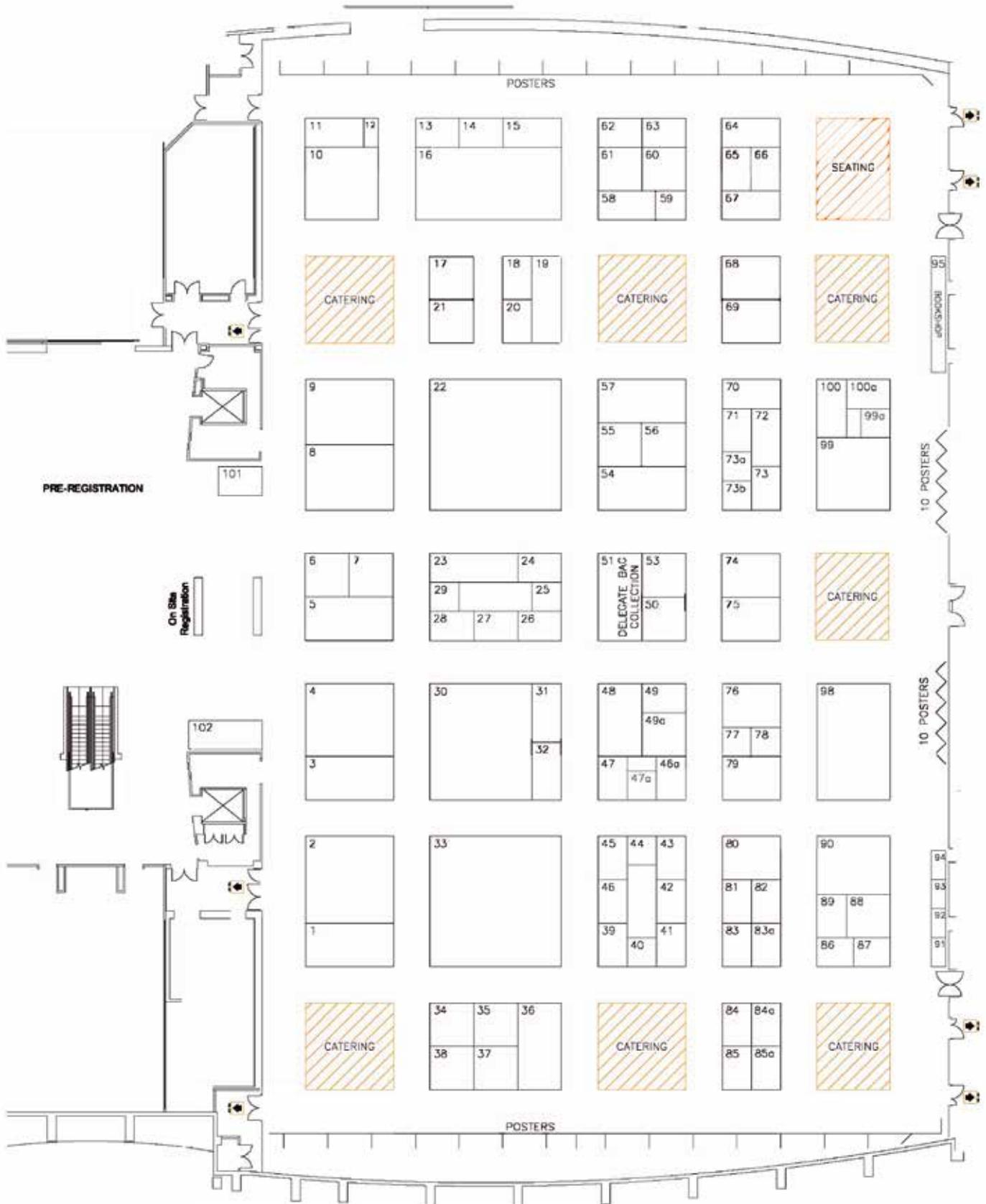
---



---



# Exhibition Floor Plan - lower level



## Exhibitors

Company	Stand	Company	Stand
3B Scientific Ltd	100	Medical Billing & Collection	25
Acumed Ltd	34	Medical Defence Union, The	81
Adler Ortho UK Ltd	48	Medtech Search Associates	94
Amplitude Clinical Outcomes	70	National Hip Fracture Database (NHFD)	77
AOUK	37	National Joint Registry (NJR)	8
AposTherapy	23	NHS Blood and Transplant	38
Arthrex Ltd	10	NHS Supply Chain	21
Bauerfeind UK	63	Omega Surgical Instruments Ltd	86
B Braun Medical Ltd	68	Onbone Oy	80
Biocomposites Ltd	69	OrthoD	56
Bioventus Cooperatief U.A.	43	Orthofix Ltd	36
Bone & Joint Journal, The	26	Orthopaedic Research UK	16
BPMpro	67	Orthopaedics Today Europe and Healio.com by SLACK Incorporated	59
British Orthopaedic Association	102	OTSIS – Orthopaedic and Trauma Specialists Indemnity Scheme	27
Carestream	19	PPM Software Ltd	83
Cavendish Imaging	84A	Premium Medical Protection Ltd	53
CelgenTek	60	R&D Surgical Ltd	44
CeramTec GmbH	54	Ramsay Health Care UK	65
C J Coleman	29	Royal College of Physicians and Surgeons of Glasgow, The	100A
ConvaTec Ltd	55	Royal College of Surgeons of Edinburgh, The	17
Corin Ltd	5	Royal College of Surgeons of England, The	85
Crowther Ballantyne Associates Ltd	41	SATO UK Ltd	83A
DePuy Synthes Companies of Johnson & Johnson	22	Sawbones Europe	28
EIDO Healthcare	20	Sectra	45
Episurf Medical AB	47	SEMPRIS	50
Exactech	73	SOBI - Swedish Orphan Biovitrum Ltd	9
Firstkind Ltd	79	Spierings Orthopaedics B.V.	73A
Freelance Surgical Limited	11	St. James's Place Wealth Management	46
GaitSmart	71	Stanmore Implants	32
Game Ready UK	58	Stichting Joined Orthopaedic Innovators	73B
Healthcare Business Solutions	39	Stryker	30 & 88
Healthcode Ltd	49A	Sybermedica Ltd	24
Heraeus Medical GmbH	57	Symbios UK	76
Hospital Innovations	31	Syncera from Smith & Nephew	98
Ideal Med	48	Timesco Healthcare Ltd	64
Interact Medical	75	Trust Health Ltd	46A
Intrapharm Laboratories Ltd	87	Vertec Scientific Ltd	91
Jeil Medical Corporation	61	VirtaMed AG	72
JRI Orthopaedics Ltd	16	Visit Belfast	101
Karl Storz Endoscopy UK Ltd	99	Wesleyan Assurance Society	49
Lima Corporate	3	Wisepress Medical Bookshop	95
Mathys Orthopaedics Ltd	84	Wright Medical	35
MatOrtho Ltd	6	X-Bolt Orthopaedics	7
Medacta UK	4	Zimmer Biomet	1, 2 & 33
Medartis Ltd	74		
MeDe Innovation (EPSRC Centre for Innovative Manufacturing in Medical Devices)	18		

## Notes



## Exhibitors

### 3B Scientific Ltd

100

Suite 1, Formal House, Oldmixon Crescent, Weston-super-Mare, BS24 9AY  
01934 425333  
www.3bscientific.co.uk



3B Scientific® is represented in approximately 100 countries worldwide in the Educational and Medical sectors. Our product line includes ORTHOBONES®, simulated bone models that are as close to real bone as possible. Other areas of speciality are medical simulators, injection trainers, artificial skeletons, torsos and anatomical models. The quality of 3B Scientific® Products has officially been certified according to DIN EN ISO 9001:2008. This approach of Quality Management underlines our belief in product improvement and customer orientation.

### Acumed Ltd

34

Huebner House, The Fairground, Weyhill, Hampshire, SP11 0QN  
01264 774450  
customerservices@acumed.uk.com  
www.acumed.net



Acumed is a global leader in developing innovative orthopaedic and medical solutions to improve patient care. Acumed has more than two decades of experience in the orthopaedic industry, staying true to the Acumed mission of aiding the afflicted through the ingenuity of our minds, the labour of our hands and the compassion of our hearts.

Acumed delivers industry leading medical implants alongside an extensive medical professional education programme dedicated to improving patient outcome in surgery.

### Adler Ortho UK Ltd

48

Unit A2 Beech House, Oaklands Office Park, Hooton, Cheshire, CH66 7NZ  
0151 329 0427  
info@adlerorthouk.com  
www.adlerortho.com



Adler UK is a subsidiary of Adler Ortho SRL, a privately owned Italian company, specialising in the design, manufacture, marketing of orthopaedic implants.

Adler was the first orthopaedic company to employ powder manufacturing technology in orthopaedics, allowing the production of complex 3D shapes and providing an ideal porous structure to enhance biological integration. A full product range of acetabular cups, knees and custom implants using this innovative technology is available.

### Amplitude Clinical Outcomes

70

Greenbank House, Galton Way, Droitwich, WR9 7ER  
0333 014 6363  
lauren.keer@amplitude-clinical.com  
www.amplitude-clinical.com



Amplitude Clinical Outcomes provides 'Clinician Controlled Patient Outcomes'. The software is intuitive and fully automated so that clinician intervention is minimal other than to validate the diagnosis and the procedure.

Amplitude manages six orthopaedic registries and supports thousands of outcomes programmes for clinicians, hospitals and clinical societies across the UK and Europe. Amplitude's software simplicity results in high patient compliance, engaged clinical users and volumes of validated data never before possible.

## Notes

## Exhibitors

<p><b>AOUK</b></p> <p><i>3rd Floor, Marlborough House, York Business Park, York, YO26 6RW 01904 787767 aouki1@btconnect.com www.aouk.org</i></p>  <p>The AO Foundation is a charitable organisation, which is dedicated to the promotion of excellence in surgery of musculoskeletal trauma. AOUK is the Anglo-Irish section of the Foundation and delivers non-profit making courses in the UK and Ireland to train young surgeons and operating room personnel in the theory and practice of trauma surgery.</p> <p>Membership of AOUK consists of a group of established surgeons and ORPs who freely give their time to teach on the many courses.</p>	<b>37</b>	<p><b>Arthrex Ltd</b></p> <p><i>Unit 5, 3 Smithywood Drive, Sheffield, S35 1QN 0114 2329180 Rosalyn.barber@arthrex.co.uk www.arthrex.com</i></p>  <p>Arthrex has pioneered the field of arthroscopy and developed more than 8,000 innovative products and surgical procedures to advance minimally invasive orthopaedics worldwide. Medical Education is at the core of Arthrex's foundations and our philosophy of "Helping surgeons treat their patients better" has not only shaped our principles and history but is guiding us into the future. Visit Arthrex at booth 10 for innovation, education and so much more.</p>	<b>10</b>
<p><b>AposTherapy</b></p> <p><i>344-354 Grays Inn Road, London, WC1X 8BP www.apostherapy.co.uk</i></p>  <p>AposTherapy® treatment is a non-invasive, personalised treatment for musculoskeletal conditions that is delivered by chartered physiotherapists that are certified in the treatment.</p> <p>AposTherapy® treatment is based on a foot-worn biomechanical system that is calibrated to the patient according to his/her condition and gait pattern. The treatment takes place as the patient walks in his/her workplace or home for a short time during their normal daily routine.</p> <p>So far over 50,000 patients have been treated in the UK, Israel, Singapore and the US and AposTherapy® treatment is gradually establishing its place as an effective tool for the treatment of knee and back conditions.</p>	<b>23</b>	<p><b>Bauerfeind UK</b></p> <p><i>229 Bristol Road, Birmingham, B5 7UB 0121 446 5353 info@bauerfeind.co.uk www.bauerfeind.co.uk</i></p>  <p>Bauerfeind's 80 years of expertise offers the medical professional a wide range of quality products within the following fields: Orthopaedics, Phlebology and Foot Orthopaedics together with Image technology. Our orthopaedic products are used for the treatment of injuries, post-operative and degenerative change – for rapid recovery and mobilisation.</p> <p>Eighty years ago, Bruno Bauerfeind combined entrepreneurship and social commitment by looking toward to the future and invested in the healthcare and sports market. Today Hans Bauerfeind continues building on that courage and determination, because great ideas stand the test of time.</p> <p>Bauerfeind's mission is to help people be active and live pain free. Our goal is to partner decades of expertise in technology and manufacturing with innovation, for the amateur, professional and industrial athlete alike, with a proven range of products such as the GenuTrain, SofTec Genu, OmoTrain, MalleoTrain and ViscoSpot.</p>	<b>63</b>

## Notes

---



---



---



---



---



## Exhibitors

### B Braun Medical Ltd

Thornclyffe Park, Sheffield, S35 2PW  
0114 225 9000  
info.bbmuk@bbraun.com  
www.bbraun.co.uk



B. Braun Medical Ltd is one of the world's leading healthcare companies. Our global message – 'Sharing Expertise' – clearly identifies our philosophy of the transfer of knowledge. In 175 years of development, we have acquired a wealth of knowledge that we can share with those who bear the responsibility for healthcare and associated services. The Comprehensive Aesculap Orthopaedic portfolio is based on the introduction of innovative products and procedures to ensure an optimised clinical outcome.

### Biocomposites Ltd

Keele Science Park, Keele, Staffordshire, ST5 5NL  
+44 (0) 1782 338 580  
info@biocomposites.com  
www.biocomposites.com



At Biocomposites, we are distinct in that our team of specialists is singularly focused on the development of innovative calcium compounds for surgical use.

With over 25 years' experience and an unrivalled dedication to quality, the products we research, engineer and manufacture are at the forefront of calcium technology. Our innovative products range from bone grafts to matrices that elute supra-MIC levels of antibiotics at the site of infection.

### 68 Bioventus Cooperatief U.A.

Bioventus Cooperatief U.A.  
Taurusavenue 31, 2132 LS Hoofddorp, The Netherlands  
+31 2355 48849  
international.events@bioventusglobal.com  
www.BioventusGlobal.com



A Leader in Orthobiologics, A Trailblazer in Active Healing

Bioventus is the recognized leader in bone stimulation devices, and among the leading distributors of osteoarthritis injection treatments. Our active healing therapies work together with the body's natural healing process, thereby shortening recovery time and potentially minimizing the overall cost of care. Our clinically proven solutions have helped many who suffer from fractures or osteoarthritic joint pain get their lives back on the right track.

### 69

### The Bone & Joint Journal

26

22 Buckingham Street, London, WC2N 6ET  
0207 782 0010  
information@boneandjoint.org.uk  
www.bjj.boneandjoint.org.uk



Visit The Bone & Joint Journal (formerly JBJS Br) at booth #26 and if you are a BOA member, we can activate the online portion of your member benefit subscription to The Bone & Joint Journal and Bone & Joint360 quickly and easily.

Plus find out how to download the free Bone & Joint journals app for Apple and Android so you can read full-text articles on the go!

## Notes

---

---

---

---

---

---

## Exhibitors

### BPMpro

Cranog, Drove Road, Chilbolton, Hants. SO20 6AB  
01264 861375  
martin.gossling@bpmpro.co.uk  
www.bpmphysio.com



BPMphysio is the first body analysis tool to deliver cost-effective assessment of joint performance with live, accurate feedback from 20 key joint motion tests. With a clinically-proven accuracy of better than one degree, BPMphysio is being used by leading orthopedic surgeons and physios to provide patient centric feedback on recovery progress and for Evidence Based Outcome information. Now being used by the NHS as a Patient Pathway solution to monitor patients post surgery.

### British Orthopaedic Association

35-43 Lincoln's Inn Fields, London, WC2A 3PE  
020 7405 6507  
events@boa.ac.uk  
www.boa.ac.uk



The British Orthopaedic Association (BOA) is the Surgical Specialty Association for Trauma and Orthopaedics in the UK. We provide national leadership, a unifying focus, and charitable endeavour by Caring for Patients, Supporting Surgeons and Transforming Lives.

As a membership organisation we care for patients and support surgeons by focusing on excellence in; Professional Practice, Training and Education and Research. Meet the BOA staff at stand 102 and don't forget to purchase the new BOA merchandise.

### 67 Carestream

One Park Lane, Hemel Hempsted, Herts, HP2 4YJ  
01442 838864  
jane.grimsley@carestream.com  
www.carestream.com



Carestream is a worldwide provider of medical imaging systems. We are partnering with leading orthopaedic and sports medicine specialists to develop a new cone beam computed tomography (CBCT) three-dimensional medical imaging system for capturing orthopaedic images of patient extremities (knees, legs, feet, arms and hands). It is also being designed to provide weight-bearing images of knees, legs and feet which are difficult to obtain. (Investigational - not available for commercial sale).

### Cavendish Imaging

84A

102

109 Harley Street, London, W1G 6AN  
0207 935 2777  
londonoffice@cavendishimaging.com  
www.cavendishimaging.com



Cavendish Imaging has been providing specialist Cone Beam CT (CBCT) imaging and anatomical modelling services in London for more than 10 years. CBCT orthopaedic applications are new and very low-dose compared to conventional CT. CBCT is an effective diagnostic tool for the extremities for bone-related queries, such as non-unions, fractures, abnormalities. We are here for you to come and review our images and services: you could start saving your patients money and radiation dose today.

## Notes

---



---



---



---



---



# Exhibitors

## CelgenTek

Unit 4D, Western Business Park, Shannon, Co. Clare, Ireland  
+ 353 61 475 050  
pat.burke@celgentek.com  
www.celgentek.com



CelgenTek is an International Orthobiologics Implant company based in Ireland. We are committed to identifying and developing simple, targeted, effective and personalised medical technology products that change the lives of patients and provide innovative treatment solutions to healthcare professionals.

## CeramTec GmbH

CeramTec Platz 1–9, 73207 Plochingen, Germany  
www.biolo.com



Since 1974 more than eleven million ceramic BIOLOX® ball heads and BIOLOX® inserts have been used in total hip replacements. Surgeons all over the world put their faith in our pink colored BIOLOX®delta ceramics. The very color gives surgeons the certainty that they are using implants of the highest quality and reliability for their patients from CeramTec. BIOLOX®delta is the only ceramic with 10 years of successful clinical experience with more than five million implanted components.

Components from pink BIOLOX® material are also used in total knee replacements and shoulder implants which will be introduced in the near future. CeramTec GmbH, the global market leader for bioceramics in joint replacement, is also an internationally leading supplier of innovative technical ceramics for the electronics, telecommunications, automotive, medical, machinery, metal, electrical and chemical industries; developed, produced and distributed by 3,600 employees worldwide.

## 60 CJ Coleman

155 Minories, Portsoken House, London EC3N 1BT  
+44 (0)20 7488 2211  
andy.foley@cjcoleman.co.uk – 07747 624080  
www.cjcoleman.com



C J Coleman “CJC” is the affinity scheme broker for members of the British Orthopaedic Association with over 25 years experience in supplying indemnity defence coverage to healthcare professionals. A well regarded insurance broker in the international insurance market, CJC has the specialist knowledge to find competitive indemnity solutions. CJC works for Orthopaedic Professionals, sourcing insurance with secure ‘A’ rated insurers, supporting them into retirement with indemnity insurance, defensive insurance and 24/7 medico-legal advice.

## 54

## ConvaTec Ltd

First Avenue, Deeside Industrial Park, Deeside, Flintshire, CH5 2NU  
01244 584333  
www.convatec.com



Innovative wound care solutions from ConvaTec for post-operative wounds For over 30 years, ConvaTec Wound Therapeutics has consistently provided new and innovative wound care products in an ever-changing healthcare environment. Our extensive product range is designed to meet the needs of patients and healthcare professionals. Our mission is to continuously develop technologies that provide new answers to the NHS.

Acknowledging that surgical incisions can present post-operative complications, AQUACEL® Surgical cover dressing has been developed with this in mind.

## 29

## 55

## Notes

---

---

---

---

---

---

## Exhibitors

### Corin Ltd

The Corinium Centre, Cirencester, Glos, GL7 1YJ  
01285 658 966  
info@coringroup.com  
www.coringroup.com

# Corin

Responsible Innovation

As a leader in orthopaedic innovation, Corin has pioneered a number of landmark developments since its foundation and is proud to have been able to improve the quality of life of thousands of patients around the world through these groundbreaking products.

Through continued investment in new technologies, new product development and a focused programme of surgeon education from the Corin Academy, Corin's talented and dedicated team share a common commitment to deliver quality orthopaedic products and services to patients, surgeons and healthcare providers which exceed expectations and positively impact lives through Responsible Innovation.

### Crowther Ballantyne Associates Ltd

Northgate Business Centre, Newark on Trent, NG24 1EZ  
01636 642830  
gcrowther@cbassociates.co.uk  
www.cbsearch.com



Crowther Ballantyne Associates continue to be the recruitment company of choice for the orthopaedic market. Established in 1999 and responsible for developing many careers within this exhibition Gavin is always on hand to offer advice and guidance for anyone seeking a career move or an employer looking to expand their team. Come along to stand 41 and talk to the most connected recruiter within Orthopaedics.

### 5 DePuy Synthes

Johnson & Johnson Medical Ltd, St. Anthony's Road, Beeston, Leeds, LS11 8DT  
(+44) 0113 387 3224  
UKMarketing DEPT@its.jnj.com  
www.depuyssynthes.com



DePuy Synthes Companies of Johnson & Johnson is the largest, most innovative and comprehensive orthopaedic and neurological business in the world, built upon the strong legacies of two great companies. We are a total solutions company. DePuy Synthes Companies offer an unparalleled breadth and depth of technology, devices, services and programs in the areas of joint reconstruction, trauma, spine, sports medicine, neurological, cranio-maxillofacial, power tools and biomaterials. Our broad array of inspired, innovative and high quality offerings help advance the health and wellbeing of people around the world.

The unmet needs in orthopaedic and neurological care are significant. With insights from patients, physicians, providers, payors and policymakers to guide us, DePuy Synthes Companies are uniquely positioned to meet these needs and deliver life-changing medical innovation. At DePuy Synthes Companies, we aspire to be your partner of choice, delivering high standards of quality in everything we do.

### EIDO Healthcare

20

19-21 Main Street, Keyworth, Notts, NG12 5AA  
0115 878 1000  
info@eidohealthcare.com  
www.eidohealthcare.com



Endorsed by BADS, by the RCSEng, by the RCSEd, by the ASGBI, by the Plain English Campaign (and many others too!), nearly 50% of the acute NHS and over 80% of acute private UK hospitals are using EIDO Healthcare's market leading informed consent library of patient information for surgery and medical procedures.

## Notes

---



---



---



---



---



# Exhibitors

## Episurf Medical AB

Stora Skuggans Väg 11, 11545 Stockholm, Sweden  
+46 8 612 00 20  
info@episurf.com



Episurf Medical is endeavoring to bring people with painful joint injuries a more active, healthier life through the availability of minimally invasive and personalized treatment alternatives. Episurf Medical's Episealer® personalized endoprosthesis and Epiguide® surgical drill guides used for treating localized cartilage injury in joints following precise 3D modeling. Episurf Medical's µiFidelity® system will enable endoprostheses to be cost-efficiently tailored to each individual's unique injury for the optimal fit and minimal intervention.

## Exactech

Grosvenor House, Prospect Hill, Redditch, B97 4DL  
01527 591 555 07771 622 674 (Mobile - Eric Astoin)  
joanna.barrett@exac.co.uk/eric.astoin@exac.co.uk  
www.exac.co.uk



Exactech exists to improve the quality of life for individuals by maintaining their activity and independence. We do this through innovative ideas, high quality products, education, and commitment to service.

Exactech was created in 1985 by an Orthopaedic surgeon and has always had a very good understanding of the customers' needs and an end-user's perspective.

Its products are designed to meet the challenges faced every day in the operating theatre.

## 47 Firstkind Ltd

Hawk House, Peregrine Business Park, Gomm Road, High Wycombe, Bucks, HP13 7DL  
0845 2222 921  
geko.support@firstkindmedical.com  
www.gekocodevices.com



The geko™ device, powered by OnPulse™ neuromuscular electro-stimulation technology, is clinically proven to increase blood circulation. NICE guidance (MTG19) supports the use of the geko™ device for people who have a high risk of VTE and for whom pharmacological or other mechanical methods of VTE prevention are impractical or contraindicated. The geko™ device stimulates the common peroneal nerve activating the calf and foot muscle pumps and increasing venous, arterial and microcirculatory blood flow.

## 73

## Freelance Surgical Ltd

11

Unit 7, Havyat Business Park, Havyat Road, Wrington, Somerset, BS40 5PA  
0845 050 4147  
Sales@freelance-surgical.co.uk  
www.freelance-surgical.co.uk



Freelance Surgical is dedicated to providing high quality products without the premium that is often associated. The company has been the sole UK distributor for VBM Germany for over 20 years, and has established them as one of the leading surgical tourniquet brands in the UK. They provide an extensive range of tourniquet products including the increasingly popular disposable cuff helping to reduce the problem of cross-contamination. Competitive contracts are available offering numerous advantages for NHS Trusts and Private Hospitals. Freelance Surgical are the Tourniquet Specialists for all your Tourniquet requirements and offer FREE training for ALL operating theatre staff.

## Notes

---

---

---

---

---

---

---

---

## Exhibitors

### GaitSmart

ETB Ltd, Codicote Innovation Centre, St. Albans Road, Codicote,  
Hertfordshire, SG4 8WH  
01438 822822  
info@etb.co.uk  
www.gaitsmart.com



It has previously been impossible to analyse the gait of patients as a routine in clinic. GaitSmart is a portable system which measures and displays gait kinematics, highlighting abnormalities.

Possibilities using this advance in technology are almost endless – in sports, following trauma or monitoring the outcome of arthroplasty. GaitSmart can help with diagnosis and measures pre-operative joint kinematics. Post-operatively, or after trauma, it can be used to monitor progress, helping direct therapy and resource.

### Game Ready UK

Contact: Greg Pearce - Managing Director  
07974564055  
0845 2417920  
gpearce@gameready.com  
www.gameready.co.uk



The Game Ready system delivers fully adjustable, continuous cold therapy and intermittent pneumatic compression to virtually every part of the body using the unique combination of the microprocessor driven Control Unit and the patented dual-action Anatomical Wraps featuring NASA spacesuit technology. Easy to use, portable, clinically safe with published evidence, the Game Ready system is increasingly being used in post-operative protocols across the UK to reduce levels of pain and swelling and improve surgical outcomes. Winner of the Sports Technology Award - Best Technology across Multiple Sports - Medical and Health.

### 71 Healthcare Business Solutions

Tudor Lodge, 9 Leicester Road, Hale, Altrincham, WA15 9PS  
0845 619 0632  
info@hbsuk.co.uk  
www.hbsuk.co.uk



HBS provide turnkey managed service solutions for clinicians and trusts

- Establish & run your business (LLP or LC)
- Alternatives to WLI
- TRUST approved business models
- CMA compliant solutions
- CQC and Home Office Approvals
- No initial fees

No solution too small or large. We even build and run hospitals.

### 58

### Healthcode Ltd

Swan Court, Waterman's Business Park, Kingsbury Crescent, Staines-Upon-Thames, TW18 3BA  
01784 263 150  
custserv@healthcode.co.uk  
www.healthcode.co.uk



Healthcode is a leading provider of online practice management software and services to the private healthcare market. With an established secure online network, Healthcode is a truly multi-locational system that is trusted by leading insurers, hospitals and private practices. As the Professional's choice for practice management – Healthcode's ePractice system is designed for private practices and is tailored to the needs of your practice. Whether you're just starting out, or already established in private practice, it delivers high quality, cost effective, online practice management solutions, which allow you to expand your practice and spend more time on patient care.

### 39

### 49A

## Notes

---



---



---



---



---



---



# Exhibitors

## Heraeus Medical GmbH

Wehrheim, Germany  
01635 760179  
contact.medical@heraeus.com  
www.heraeus-medical.com



Heraeus Medical - Expertise in Infection Management

Heraeus Medical concentrates on medical products for orthopaedic surgery and traumatology. As industry leader for bone cements, the company develops, produces, and markets biomaterials and accessories to make an essential contribution to improving surgical results in bone and joint surgery as well as infection management.

## Hospital Innovations

Concept House, Talbot Green Business Park, Pontyclun, Rhondda Cynon Taff, CF72 9FG  
01443 719 555  
customerservice@hospitalinnovations.co.uk  
www.hospitalinnovations.com



Since 2008, Hospital Innovations has been supplying a growing range of specialist products for use in orthopaedic and corrective surgery. We are a Human Tissue Authority (HTA) licensed establishment, working in partnership with two of the world's leading tissue banks. We offer a comprehensive product portfolio for a vast and growing range of orthopaedic and surgical specialties. We have recently introduced a full hip and knee portfolio with outstanding heritage and global implementation.

## 57 Ideal Med Ltd

A2 Beech House, Oaklands Business Park, Hooton Road, Hooton, Cheshire CH66 7NZ  
0151 329 0427  
sales@idealmed.co.uk  
www.idealmed.co.uk



Ideal Med offer innovative solutions in limb lengthening, complex deformity correction and fracture management through collaboration with our Surgeon partners.

We source and deliver leading technologies to facilitate effective management of congenital and acquired deformities and difficult to heal fractures in a challenging sector. Whether it's the world's first precision controlled intra-medullary magnetic lengthening system, Precice, our own range of Ilizarov-inspired fixators or faster fracture healing ultrasound, we have it covered.

## 31

## Interact Medical

## 75

Metropolitan House, Building 900, 321 Avebury Boulevard, Milton Keynes, MK9 2GA  
01908 357900  
info@interactmedical.co.uk  
www.interactmedical.co.uk



Interact Medical are an award winning framework approved recruitment agency that specialise in the placement of high calibre locum doctors into the NHS and private sector. Formed in 2006, Interact are positioned as one of the largest independently owned medical recruitment agencies in the UK, supplying over 1,000,000 hours to the NHS and private sector per annum.

## Notes

---

---

---

---

---

---

---

---

## Exhibitors

### Intrapharm Laboratories Ltd

The Granary, The Courtyard Barns, Choke Lane, Cookham Dean,  
Maidenhead, Berkshire SL6 6PT  
01628 771800  
Sunils@intrapharmlabs.com  
www.intrapharmlabs.com



Intrapharm Laboratories are pleased to inform you that we have re-launched Triamcinolone Hexacetonide 20mg/ml (TH) suspension for injection (formerly known as Lederspan) as a UK licenced product and furthermore the product has been awarded hospital contract in England. TH is indicated for intra-articular, intra-synovial or perirarticular use in adults and adolescents (JIA – intra-articular use only) for the symptomatic treatment of subsacute and chronic inflammatory diseases. We look forward to meeting you at our stand 87.

### Jeil Medical Corporation

702 Kolon Science Valley 2nd, 55, Digital-ro 34, Guro-gu, Seoul  
+8228503903  
ethan@jeilmed.co.kr  
www.jeilmed.co.kr



Since 1990, Jeil Medical Corporation has steadily grown into one of leading company as a manufacturer of Orthodontic screw and Oral Maxilla Facial Fixation System. We have grown at a compound annual rate dramatically and have operated profitably for the last 20 years, because of its history of reliable product availability and high level customer satisfaction. Jeil Medical Corporation is one of the leaders in the highly specialized dental industry to achieve market recognition and reputation.

“ We make smile “ is our slogan. Visit our web site for more information on how we can meet the customers’ needs and satisfaction.

### 87 JRI Orthopaedics Ltd

18 Churchill Way, 35A Business Park, Chapeltown, Sheffield, S35 2PY  
0114 257 3332  
marketing@jri-ltd.co.uk  
www.jri-ltd.com



JRI and ORUK invite you to visit stand 16 where we can introduce you to the exciting innovations in orthopaedics we have actively contributed to, over the last 30 years, since the first implantation of the Furlong Hydroxyapatite Ceramic coated total hip in 1985.

Through implant technology development and support of clinical research and clinician education programmes, JRI and ORUK continue to uphold the ethos of Mr Ronald Furlong, enhancing long term clinical outcomes for patients.

### 61

### Karl Storz Endoscopy (UK) Ltd

415 Perth Avenue, Slough, SL1 4TQ  
01753 503500  
info-uk@karlstorz.com  
www.karlstorz.com



Karl Storz GmbH & Co. is the world’s premier surgical endoscopy company with an established and acknowledged reputation for producing the finest quality surgical endoscopes and accessories.

We offer a wealth of innovative solutions for Shoulder, Knee and Small Joint surgery. Sharing knowledge is our priority - initial and continued training of customers are inherent parts of our company philosophy.

Visit our stand to try out our brand new state-of-the art Virtual Reality Trainer.

### 16

### 99

## Notes

---



---



---



---



---



## Exhibitors

### Lima Corporate

Woodside Industrial Park, Works Road, Letchworth Garden City, Herts, SG6 1LA  
0844 332 0661  
info@lima-uk.co.uk  
www.lima-uk.co.uk



Lima Corporate is a global medical device company providing reconstructive orthopaedic solutions to surgeons who face the challenges of improving their patient's quality of life.

Lima Corporate designs, develops, manufactures and markets joint replacement and repair solutions that include large joint implants for hip and knee and systems for the restoration of the extremities focusing on disorders of the shoulder and traumatic injuries.

### Mathys Orthopaedics Ltd

Unit 6 Riverway, Industrial Park, Newman Lane, Alton, GU34 2QL.  
08450 580938  
Info.uk@mathysmedical.com  
www.mathysmedical.com



For over 40 years, Mathys Ltd has dedicated itself to maintaining the mobility of human beings. The product portfolio of artificial joint replacements has brought us from being a small business to a worldwide active enterprise.

With you as an expert and experienced partner, Mathys develops innovative products and user friendly instruments. Your input, proven concepts and high quality Swiss standards in manufacturing and tradition are the guiding principles of this family owned company.

### 3 MatOrtho Ltd

13 Mole Business Park, Randalls Road, Leatherhead, Surrey, KT22 7BA  
www.matortho.com



MatOrtho Ltd is a British medical device manufacturer based in Surrey which supplies internationally-recognised orthopaedic implant devices including the BOX® Total Ankle Replacement, the SAIPH® Knee System and the Medial Rotation Knee™ (MRK™). We are committed to innovation and focused on improving the quality of life of all patients who receive one of our devices. Our teams consistently monitor product performance and work alongside professionals to ensure the best outcome for both surgeon and patient.

### 84

### Medacta International SA

Strada Regina, CH-6874 Castel San Pietro - Switzerland  
+41 91 696 60 60  
info@medacta.com  
www.medacta.com



Medacta® International is a Swiss company that develops, manufactures and distributes orthopaedic and neurosurgical medical devices worldwide. Responsible innovation and best-in-class education are key to the company's success.

Medacta is a leader in Total Hip Replacement due to 'AMIS®' (Anterior Minimally Invasive Surgery) and in Total Knee Replacement via the 'MyKnee' (a Patient Matched Technology device). In 2014, Medacta 'MySpine' was awarded Best New Technology for posterior spine care.

## Notes

## Exhibitors

### Medartis Ltd

17A St Christopher's Way, Pride Park, Derby, Derbyshire, DE24 8JY,  
United Kingdom  
01924 476 699  
mai.widdowson@medartis.com  
www.medartis.com

medartis®

Medartis is one of the leading manufacturers of medical devices for orthopaedic extremity trauma and cranio-maxillofacial surgery. Medartis is committed to providing surgeons and operating theatre personnel with innovative titanium implants, instruments and a comprehensive service provision that represent advances in bone fixation and osteosynthesis and thus, patients' quality of life. However, ambitious objectives can ultimately only be realized through the personal commitment and outstanding dedication of a highly qualified and motivated team.

### MeDe Innovation (The EPSRC Centre for Innovative Manufacturing in Medical Devices)

c/o Institute of Medical and Biological Engineering, University of Leeds, Leeds, LS2 9JT  
0113 34 30923  
info@mede-innovation.ac.uk  
www.mede-innovation.ac.uk



MeDe Innovation researches and develops advanced design and manufacturing methods for the Class III, musculoskeletal medical device sector. Through our research focus on the development of advanced methods of functionally stratified design and near-patient manufacture, we aim to deliver cost-effective processes to ensure that patients receive the right product – featuring an enhanced standard of reliability and performance - at the right time. The Centre is a collaborative research project which brings together expertise from the universities of Leeds, Newcastle, Nottingham, Bradford and Sheffield.

### 74 Medical Billing & Collection

Connery House, Repton Place, Amersham, Buckinghamshire, HP7 9LP  
07500859296  
sbrignall@medbc.co.uk  
www.medbc.co.uk



Medical Billing and Collection work with many Orthopaedic Consultants who experience the following benefits

- You benefit from bad debts of less than 0.5%
- You benefit from an increase in net income by up to 25%
- You benefit from just focusing on the medical side of the practice
- You benefit from dealing with a company that has over 20 years' experience in the market
- You benefit from a service tailored to your needs with your own Account Manager

### The Medical Defence Union

18

81

One Canada Square, London E14 5GS  
0800 716 376  
membership@themdu.com  
www.themdu.com



The MDU is a not-for-profit organisation dedicated to its members' interests. We provide expert guidance, personal support and robust defence in addressing medico-legal issues, complaints and claims. We give high quality, specialised medico-legal advice, 24 hours a day, 7 days a week.

Our team is led by doctors with real-life experience of the pressures and challenges doctor's face in practice.

## Notes

---



---



---



---



---



# Exhibitors

## Medtech Search Associates

Medtech Search Associates Ltd,  
Adamson House, Towers Business Park, Didsbury, Manchester, M20 2YY  
0161 961 0111  
aled@medtechsearch.co.uk  
www.medtechsearch.co.uk



We are an owner managed recruitment consultancy specialising in the search and selection of medical sales specialists. We have extensive contacts within the orthopaedic sector, and source candidates who have sold recon, trauma sports surgery and spinal products.

## National Hip Fracture Database (NHFD)

Royal College of Physicians, 11 St Andrews Place, Regent's Park, London, NW1 4LE  
0203 075 2395  
nhfd@rcplondon.ac.uk  
www.nhfd.co.uk



The NHFD monitors the care of all hip fracture patients in England, Wales and Northern Ireland aged 60+, feeding back performance data to hospitals to facilitate quality improvement. A series of reports for clinicians, commissioners and the public provide information on facilities and practice, as well as measuring performance against NICE quality standards for hip fracture care.

The NHFD also offers clinical governance support and collects the data for payment of Best Practice Tariff.

## 94 National Joint Registry for England, Wales, Northern Ireland and the Isle of Man (NJR) 8

NJR Centre, Northgate Public Services, Peoplebuilding 2, Maylands Avenue, Hemel Hempstead, HP2 4NW  
0845 345 9991  
enquiries@njrcentre.org.uk  
www.njrcentre.org.uk



The NJR monitors the performance of hip, knee, ankle, elbow and shoulder joint replacement surgery to improve clinical outcomes for the benefit of patients, clinicians, providers and industry. Holding nearly 2 million records, we continue to collect relevant, high quality data in order to provide robust evidence to protect patient safety, support decision-making, support standards in quality of care and overall cost effectiveness. Find us at stand 8 to collect the 12th Annual Report, find out more about NJR Clinician Feedback and your Consultant Level Report. Plus, review the progress of your hospital in assessing data quality in the NJR through a supported audit programme.

## NHS Blood and Transplant 38

Tissue and Eye Services  
14 Estuary Banks, Speke, Liverpool, L24 8RB  
Customer Care Team Telephone: 0845 607 6820  
tscustserv@nhsbt.nhs.uk  
www.nhsbt.nhs.uk/tissueservices



The Tissue Bank in Liverpool is the largest retrieval and storage facility for human tissue in the UK. As part of the NHS we operate as a not-for-profit organisation with patient safety at our core. We are responsible for the entire supply chain, from co-ordinating, recovering, processing, and banking tissue. Our unique service offers a wide range of tissue for grafting or transplantation in various specialities: burns, wound care, cardiovascular, ocular and orthopaedics.

## Notes

---

---

---

---

---

---

---

---

## Exhibitors

### NHS Supply Chain

Como House, Sherwood Business Park, Annesley, Nottingham, NG15 0ED  
 01623 587046  
[amy.howton@supplychain.nhs.uk](mailto:amy.howton@supplychain.nhs.uk)  
[www.supplychain.nhs.uk](http://www.supplychain.nhs.uk)



### NHS Supply Chain

NHS Supply Chain run the only national Orthopedic procurement and supply chain solution to the NHS - providing the best value and best performing products, when they are needed.

Through our on-going contract management support, close links with the BOA, ODEP, Beyond Compliance and NJR, we also provide clinicians access to the data and expertise to help both deliver quality patient care and effectively support their trust procurement work plans. Operated by DHL and acts as agent to the NHS Business Services Authority.

### Omega Surgical Instruments Ltd

Russell House, Molesey Road, Hersham, Surrey, KT12 3PJ  
 01932 260 844  
[enquiries@omegasurgicalinstruments.com](mailto:enquiries@omegasurgicalinstruments.com)



Omega Surgical Instruments Ltd is an independent Orthopaedic Blade and Instrument Distributor. Our American manufactured high quality blades have been distributed in the UK for over twenty years. We also offer an extensive range of Twist Drills, Burs, K Wires, Bespoke Instrumentation and single use Pulse Lavage at very competitive prices with no compromise on quality. We pride ourselves on both the provenance of our products and the Customer Service we provide.

### 21 Onbone Oy

Arkadiankatu 4-6, 00100 Helsinki, Finland  
 +44 753 015 2790  
[peter.kearon@onbone.com](mailto:peter.kearon@onbone.com)  
[www.woodcast.net](http://www.woodcast.net)



Onbone Oy is a Finnish innovative company working on the field of medical technology. Onbone develops and markets innovative and user-friendly Woodcast products for orthopaedic, traumatology and occupational therapy use. Woodcast is a completely non-toxic and perfectly mouldable & remouldable cast material suitable for all casting and occupational therapy work. It is manufactured from clean wood and biodegradable plastic and can be moulded without water or rubber gloves. Woodcast can be adjusted and re-adjusted over and over again by being heated.

### OrthoD

OrthoD Group Ltd, Industrial Park, Bourton-on-the-Water, Gloucestershire, GL54 2HQ, UK.  
 (0)1451 821311  
[info@orthod.com](mailto:info@orthod.com)  
[www.orthod.com](http://www.orthod.com)



Innovative answers to clinical questions since 1984. We find these answers by listening to health care professionals and patients, and having the courage to answer the difficult questions with new ideas. We focus on reconstruction, sports medicine, theatre accessories and infection control. We have grown to command a high level of clinical respect amongst leading clinicians, academics and industry leaders within the orthopaedic market. That's what working with us is all about... agile thinking in motion.

80

56

86

## Notes

---



---



---



---



---



## Exhibitors

### Orthofix Ltd

5 Burney Court, Cordwallis Park, Maidenhead, SL6 7BU  
01628 594 500  
enquiries@orthofix.co.uk  
www.orthofix.co.uk



Orthofix research and provide innovative solutions to Orthopaedic surgeons for trauma and elective surgeries, with a focus on complex procedures. 2015 sees the addition of line extensions to our monocortical screw external fixator called UNYCO. Currently, UNYCO is intended for the temporary stabilization of tibia fractures but will now cater for a wider range of indications. The device is minimally invasive and has been designed to avoid contamination of the medullary canal. The product has been conceived for easier conversion from temporary to definitive fixation and to reduce exposure to X-rays. Come and find out more about UNYCO at stand 36.

### Orthopaedic Research UK

Furlong House, 10a Chandos Street, London. W1G 9DQ  
020 7637 5789  
info@oruk.org  
www.oruk.org



Orthopaedic Research UK is a charitable organisation which funds high quality research in orthopaedic science and organises training events which promote collaboration between orthopaedic surgeons, scientists and engineers.

We are an independent body dedicated to advancing orthopaedic knowledge.

### 36 Orthopaedics Today Europe & Healio.com by SLACK Incorporated

6900 Grove Road, Thorofare, NJ 08086  
856-848-1000  
kschuitema@contactams.com  
www.Healio.com/subscribe/OTE



Healio.com is the online home of Orthopaedics Today Europe. There you will find daily news and meeting coverage of the latest research and techniques in orthopaedic surgery, surgical videos, journal summaries and more. Subscribe free at Healio.com/subscribe/OTE.

### 27 OTSIS – Orthopaedic and Trauma Specialists Indemnity Scheme

7 Blighs Walk, Sevenoaks, Kent TN13 1DB  
0845 094 3915  
info@otsis.co.uk  
www.otsis.co.uk



Since 2011, OTSIS has provided comprehensive professional indemnity, exclusively for orthopaedic surgeons and has earned an exceptional reputation for value and service. An individual contract of insurance provides certainty with all the membership benefits you need for your NHS and independent sector practice.

Key benefits of OTSIS membership:

- Contractual not discretionary indemnity
- 24/7 expert medico-legal advice from doctors
- Support for complaints and NHS / independent sector disciplinary procedures
- Meets all independent sector hospital requirements
- Cover extends 20 years into retirement

## Notes

---



---



---



---



---

## Exhibitors

### PPM Software Ltd

The Business Centre, 100 Honey Lane, Waltham Abbey, Essex, EN9 3BG  
 Telephone - 01992 655940 or 07860 525831  
 info@ppmsoftware.com  
 www.ppmsoftware.com



'PPM' - PRIVATE PRACTICE MANAGER

Please visit STAND 83 to find out why many of your colleagues have implemented 'PPM'- Private Practice Manager

'PPM' will provide all the facilities for the complete Administration and Financial Control of your Private Practice.

The service includes on site installation and personal training. In addition, the flexibility of the software means it can be customised to your particular requirements. Alternatively, if you would like to arrange a demonstration, after the exhibition, contact Tom Hunt on either 01992 655940 07860 525831 or e-mail - info@ppmsoftware.com

### Premium Medical Protection Ltd

68 Pure Office, Plato Close, Leamington Spa, CV34 6WE.  
 0845 308 2350  
 Boa2015conference.premiummedicalprotection.com



Want 30-40% average lower Medical Professional Insurance premiums? Premium Medical Protection (PMP) is a provider of bespoke Medical Professional Indemnity Insurance and aims to achieve a 30-40% premium reduction on average for clients as well as providing comprehensive cover up to £10m with benefits such as indefinite run off into retirement and consent to settle. (Terms & Conditions apply). Visit stand 53 or phone 0845 308 2350 for a confidential premium indicator.

### 83 R&D Surgical Ltd

Fox Building, Pentland Close, Cardiff, CF14 5DJ  
 07975 696541  
 www.randdsurgical.com



R&D Surgical serve the surgical community with innovative products which include

- A range of Xenosys surgical headlights which offer unparalleled portability and performance.
- A full range of Xenosys custom made surgical loupes.
- Xenosys wireless portable HD camera system.

### Ramsay Health Care UK

Level 18, Tower 42, 25 Old Broad Street, London EC2N 1HQ  
 020 7847 2877  
 marketing@ramsayhealth.co.uk  
 www.ramsayhealth.co.uk



Ramsay Health Care was established in Sydney, Australia in 1964 and has grown to become a global hospital group with 212 hospitals across six countries. In the UK, Ramsay is one of the leading providers of independent hospital services, with a network of 36 facilities providing a comprehensive range of clinical specialties to private, self-insured as well as patients referred by the NHS. Ramsay also operates a diagnostic imaging service and provides neurological services through its three neuro-rehabilitation units.

## Notes

---



---



---



---



---



# Exhibitors

## Royal College of Physicians and Surgeons of Glasgow

232 - 242 St Vincent Street, Glasgow, G2 5RJ  
0141 221 6072  
liza.brogan@rcpsg.ac.uk  
www.rcpsg.ac.uk



The Royal College of Physicians and Surgeons of Glasgow is a world leader in education, training, assessment and supporting healthcare professionals.

We run a wide range of surgical skills courses for the surgical profession. Our state of the art Clinical Anatomy Skills Centre provides outstanding cadaveric skills training.

In partnership with the Royal Colleges of Surgeons of Great Britain and Ireland we are jointly responsible for setting standards of surgical training, assessments and protecting professional integrity.

## The Royal College of Surgeons of Edinburgh

Nicolson Street, Edinburgh EH8 9DW  
0131 527 1600  
Outreach@rcsed.ac.uk  
www.rcsed.ac.uk



Established in 1505, The Royal College of Surgeons of Edinburgh (RCSEd) is one of the oldest surgical organisations in the world, dedicated to the pursuit of excellence and advancement in surgical practice, through its active involvement in education, training and examinations, its liaison with external medical bodies, and representation of the modern surgical workforce. A modern international network with some 22,500 Fellows, Members and Affiliates based in over 100 countries worldwide, RCSEd prides itself on its reputation for friendliness and approachability combined with innovation and prestige, and the individual attention given to all our College Fellows, Members and Affiliates.

## 100A The Royal College of Surgeons of England

35-43 Lincoln's Inn Fields, London WC2A 3PE  
020 7405 3474  
communications@rcseng.ac.uk  
www.rcseng.ac.uk



The RCS is a professional membership organisation and registered charity – our vision is to ensure the highest possible standards for surgical practice and care are set and maintained. We provide support, advice, training, surgical research and educational opportunities for over 20,000 surgeons. Our library, archives and museums provide a unique resource for surgeons and the public. The RCS is the central hub for surgical knowledge and a leading champion in patient safety.

## SATO UK Ltd

Valley Road, Harwich, Essex, CO12 4RR  
01255 240000  
enquiries@sato-global.com  
www.satoeurope.com/uk



As a global barcode and RFID technology company, SATO develops straightforward, fail-safe systems for the positive identification of patients, medications and records, to improve safety and reduce costs. SATO manufactures label printers, consumables, data collection systems and software solutions. Process and economy benefits can be realised by RFID systems and SATO Vicinity offers the unique PJM Technology which is optimum for tracking documents, blood and critical items such as orthopaedic transplant kits.

85

83A

## Notes

---

---

---

---

---

---

## Exhibitors

### Sawbones Europe

Address Krossverksgatan 3, 21616 Malmö, Sweden  
 +46 40 650 7000  
 info@sawbones.se  
 www.sawbones.com



Sawbones workshop and demo models are the most widely used teaching products in orthopaedics. Our products are innovative, functional and can be customized on demand. We develop numerous specialty models for our customers. This can range from simple modifications of existing products to new model applications with detailed functionality and realism. Visit us during BOA at booth #28 to discuss your options.

### Sectra

First Floor, Water Circle, City Meadows, Stansted, Essex, CM22 6DR  
 +44 (0) 1908 673 107  
 info.ortho@sectra.com  
 www.sectra.com



With more than 20 years of innovation and 1,700 installations worldwide, Sectra is a world-leading provider of IT systems and services for orthopaedics, radiology and other image-intensive departments.

Sectra offers a complete set of highly efficient preoperative planning tools both for 2D and 3D images. The latter are especially valuable for planning complex trauma cases. Sectra's solution enables orthopaedic surgeons to increase precision in planning and advance preparation for various scenarios, thereby avoiding stress, saving time and minimizing risk during surgery.

### 28 SEMPRIS

Bridge House, 273 Brighton Rd, Belmont, Surrey, SM2 5SU  
 020 8652 9018  
 info@sempris.co.uk  
 www.sempris.co.uk



SEMPRIS is the comprehensive indemnity scheme for all doctors involved in the treatment and care of professional sportspeople. SEMPRIS has redefined indemnity standards for treatment of professional sportspeople and provides the most comprehensive medico-legal support and indemnity available from any insurer or MDO in the UK. It brings together a wealth of experience including medico-legal advisers, insurers, and sports governing bodies and was developed to overcome the gaps in indemnity left by the MDOs.

### 45

### SOBI - Swedish Orphan Biovitrum Ltd

1 Fordham House Court, Fordham House Estate, Newmarket Road, Fordham, Cambridgeshire. CB7 5LL  
 +44 (0) 1638 722380  
 mail.uk@sobi.com  
 www.sobi.com



Sobi is an international specialty healthcare company dedicated to rare diseases. Our mission is to develop and deliver innovative therapies and services to improve the lives of patients. The product portfolio is primarily focused on Haemophilia, Inflammation and Genetic diseases. We also market a portfolio of specialty and rare disease products for partner companies across Europe, the Middle East, North Africa and Russia. One of these specialty products is a treatment for focal cartilage defects of the knee by means of an Autologous Chondrocyte Implantation. In 2014, Sobi had total revenues of £199,021,286 and around 600 employees.

### 50

### 9

## Notes

---



---



---



---



---



# Exhibitors

## Spierings Orthopaedics B.V.

Spierings Orthopaedics B.V.  
Madoerastraat 24, 6524 LH Nijmegen, The Netherlands  
00 31 24 3501603  
jhensen@spierings.biz  
spierings.biz/index.php/en/



Spierings Orthopaedics develops and distributes orthopaedic implants and instruments for trauma, hip, knee and spinal surgery. Its products are interesting for various bone grafting procedures. The high quality products ensure excellent clinical results and durable, solid instruments.

## St. James's Place Wealth Management

5th Floor, Martins Building, 4 Water Street, Liverpool, L2 3SX  
07454 229726 / 07725 698388.



A holistic and bespoke financial planning and wealth management service, tailored to medical professionals. We provide guidance to clients with regards to their NHS pension arrangements and all aspects of retirement planning in general, plus we also help to create and grow clients' wealth by providing a distinctive approach to investment management using the services of the best fund managers from around the globe. In addition, we offer a complete estate planning and trust service, and we also advise across all aspects of personal and family protection to give clients total, financial peace of mind should ill health strike themselves or their family.

## 73A Stanmore Implants

210 Centennial Avenue, Centennial Park, Elstree WD6 3SJ  
0208 238 6500  
andrew.jones@stanmoreimplants.com  
www.stanmoreimplants.com



Stanmore Implants is an innovative orthopaedic business. Specialising in Extreme Orthopaedics, we provide excellence in design, manufacture and support for custom implant cases with a portfolio of implants covering limb salvage, complex primaries and revisions. Known for creating some of the world's most successful implants, Stanmore also offers the off-the-shelf modular METS implant system and the SMILES knee to complete its position as a full Extreme Orthopaedics solution provider.

46

## Stichting Joined Orthopaedic Innovators

73B

Madoerastraat 24, 6524 LH Nijmegen, The Netherlands  
00 31 24 3501603  
info@jointortho.org



Joined Orthopaedic Innovators is group of companies with expertise in orthopaedic product development. Together the companies can perform every part: design, research, development, manufacturing, cadaveric and clinical trials and CE marking. With state of the art facilities and many years of experience, JOINT can assist in product development in one location.

## Notes

---

---

---

---

---

---

---

---

## Exhibitors

### Stryker

30 & 88

Stryker House, Hambridge Road, Newbury, Berks RG14 5AW  
01635  
01635 262400  
enquiries@stryker.co.uk  
www.stryker.com



Stryker is one of the world's leading medical technology companies with the most broadly based range of products in orthopaedics and a significant presence in other medical specialties. Stryker works with medical professionals to help people lead more active and more satisfying lives. The Company's products include implants used in hip and knee replacement, trauma, craniomaxillofacial and spinal surgeries; biologics, surgical, neurologic, ENT, and interventional pain equipment; endoscopy and surgical navigation.

Stryker offers a unique range of solutions and continues to improve this offering via meaningful innovation.

### Sybermedica Ltd

24

St John's Innovation Centre, Cowley Rd, Cambridge, CB4 0WS  
01223 421996  
info@sybermedica.com  
www.sybermedica.com/pacsmail



PACSMail – Secure, on-line sharing of diagnostic images in orthopaedic medicine.

Sybermedica's PACSMail network is widely used in sports and orthopaedic medicine to enable on-line storage and remote review of diagnostic images such as CT and MRI scans. Images can be accessed on PC, Mac or iPad and comments or reports made as needed. PACSMail enables local clinicians to easily access the opinion of remote colleagues and is ideal for use by geographically distributed multi-disciplinary teams. Free trial available to BOA conference delegates!

### Symbios UK

76

Unit 2 Silverdown Office Park, Exeter Airport, Exeter EX5 2UX  
01392 365884  
enquiries@symbiosorthopaedics.co.uk  
www.symbiosorthopaedics.co.uk



3D Planning software supports SYMBIOS® Implant Strategy

Symbios UK announce the continued development of its 3D HipPlan® planning software which now fully supports the company's implant portfolio for accurate pre-operative planning and reconstruction. Validation of the process (JBJS 91- B, No. 3, March 2009) reported limb length reconstruction and offset to within 0.3mm and 0.8mm respectively. 15 year results for CUSTOM implant option (CORR, 2009) reported 93% survivorship, all patients less than 50 years old.

This technology has now been transposed to offer the clinician Patient Specific Cut Guides and Single Use Instrumentation – KneePLAN SET- to optimise the anatomic 3D reconstruction of the knee using the most sophisticated methods within the most competitive economic model available to the European marketplace.

### Syncera from Smith & Nephew

98

Oberneuhofstrasse 10d, 6340 Baar, Switzerland  
+41 41 766 3951  
CustomerServiceEurope@smith-nephew.com  
www.syncera.com



Maximising efficiency and value in orthopaedics.

Syncera is an innovative solution from Smith & Nephew that allows you to simplify processes and reduce costs while providing patients with clinically proven primary knee and hip implants. Using a combination of user-friendly technology and personalized support, Syncera increases value and provides efficiencies within your orthopedic organization.

## Notes

---



---



---



---



---



## Exhibitors

### Timesco Healthcare Ltd

3 Carnival Park, Carnival Close, Basildon, Essex, SS14 3WN  
01268 297700  
sales@timesco.com  
www.timesco.com



A leading supplier to the NHS and private sectors, with over 50 years' experience; we're experts in manufacturing and supplying medical products for medical professionals for Anaesthesia, Surgery, Podiatry and Primary care. We control every aspect of our product and service offering, through rigorous quality and processing procedures, ensuring reliability. It's our goal to serve the healthcare needs of our consumers throughout the World; aiming to develop innovative medical technologies to save or improve quality of life.

### Trust Health Ltd

76 Park Street, Horsham, West Sussex, RH12 1BX  
01403 241484  
info@trusthealth.co.uk  
www.trusthealth.co.uk



Trust Health establishes clinical partnerships (Limited Liability Partnerships) and provides legal, commissioning and financial frameworks for clinicians to navigate the changing UK healthcare environment. We collaborate with the partnership to grow a successful and profitable practice over the short and long term, through business planning, negotiation and a 'bureaux' of business services.

Trust Health has been established for over nine years, managing clinical partnerships across the UK. We are the largest UK provider of business and management services for consultants in the UK.

Visit us on stand 46 to discuss your local needs and ways in which we can help.

### 64 Vertec Scientific Ltd

Unit 44 Easter Park, Benyon Road, Silchester, Reading, RG7 2PQ  
01189 702 100  
www.vertec.co.uk



Vertec Scientific is a leading distributor of world class systems for diagnostic imaging and radiotherapy in the UK. It's portfolio features Hologic Fluoriscan, the most popular intraoperative x-ray c-arm in the UK, chosen for its image excellence and its capability to be operated by the surgeon.

Vertec also offers DXA scanners, radiotherapy patient immobilisation systems, ultrasound imaging, radiation protection, dosimetry film, radiation dose monitors, patient position monitoring and a money saving CT contrast injection system.

### 46A VirtaMed AG

Rütistrasse 12  
8952 Schlieren, Zurich  
+41 44 500 96 90  
info@virtamed.com  
www.virtamed.com



The Swiss company develops state-of-the-art surgical training tools of highest possible realism to improve the quality of patient care. VirtaMed offers virtual reality simulators for various endoscopic operations: HystSim™ and PelvicSim™ for OB/GYN training, UroSim™ for urologic surgery, ArthroS™ for arthroscopy. Teaching institutions and medical device companies use VirtaMed's simulators globally for education and hands-on training. All upcoming events and demo opportunities: www.virtamed.com.

91

72

## Notes

## Exhibitors

### Visit Belfast

9 Donegall Square North, Belfast, BT1 5GB, Northern Ireland  
+44 (0)28 9023 9026  
sarahgribben@visit-belfast.com



Visit Belfast is a public private sector partnership funded and supported by Belfast City Council, Tourism Northern Ireland and the private sector. It is the official marketing agency Belfast and Northern Ireland dedicated to promoting the region as a city break, conference and cruise ship destination.

### Wesleyan Assurance Society

Colmore Circus, Birmingham, B4 6AR  
0800 092 1990  
www.wesleyan.co.uk



Personal financial planning for doctors. Wesleyan has provided financial advice to the medical profession for 120 years. Our Financial Consultants work exclusively with Doctors and can help you plan for a more secure financial future.

### Wisepress Medical Bookshop

25 High Path, Merton Abbey, London, SW19 2JL  
44 20 8715 1812  
marketing@wisepress.com  
www.wisepress.com



Wisepress.com, Europe's leading conference bookseller, has a range of books and journals relevant to the themes of the meeting. In addition to attending 200 conferences per year, Wisepress has a comprehensive medical and scientific bookshop online with great offers. Follow us on Twitter for the latest news @WisepressBooks.

### 101 Wright Medical

35

Unit 1, Campus 5, Third Avenue, Letchworth Garden City, SG6 2JF  
07889 537173 • Carly.reed@wmt.com • www.wmt.com



Wright Medical Group is a specialty orthopaedic company that provides extremity and biologic solutions which alleviate pain and restores lifestyles. We are a recognized leader of surgical solutions for foot and ankle procedures in one of the fastest growing segments in medical technology. Wright products are available in over 60 countries. The UK headquarters are based in Letchworth Garden City in North Hertfordshire.

### X-Bolt Orthopaedics

7

49 Bristol and Bath Science Park, Emerson's Green, Bristol, BS16 7FR  
01172 300632 • info@x-bolt.com • www.x-bolt.com



The X-Bolt® for hip fracture fixation provides better push-out strength and rotational stability versus existing hip screws, thus reducing the potential incidence of cut-out, and problems that stem from loss of fracture reduction. The X-Bolt® device is easily deployed, or retracted, using a standard screwdriver. Surgery is as simple and fast as existing techniques. The X-Bolt® hip plating and nailing systems are now available via NHS Supply Chain.

### 95 Zimmer Biomet

1, 2 &amp; 33

Lancaster Place, Swindon, SN3 4FP  
01793 584500  
Customerservices.UK@zimmerbiomet.com  
www.zimmerbiomet.com



ZIMMER BIOMET  
Your progress. Our promise.™

It's not just what we make. It's what we make possible. Zimmer and Biomet have come together to improve the quality of life for patients around the world. Whether that means climbing a mountain or walking without pain, together with healthcare professionals, we help millions of people to live better lives.

## Notes

---



---



---



---



---



## Podium Presentations - Tuesday 15th September

08:00 - 09:30

BOA Young Investigators Award  
Sponsored by Virgin Atlantic Airways  
Meeting Room 3A

14

08:05

### Total hip replacement in HIV-positive patients

Graham S.M.<sup>1</sup>, Lubega N.<sup>2</sup>, Mkandawire N.<sup>2</sup>, Harrison W.J.<sup>3</sup>

<sup>1</sup>Royal Liverpool Infirmary, Liverpool, United Kingdom, <sup>2</sup>Beit CURE International Hospital, Blantyre, Malawi, <sup>3</sup>Countess of Chester Hospital, Chester, United Kingdom

604

08:10

### Enzymatic biofilm prevention using a marine endonuclease - a new paradigm in the treatment of periprosthetic joint infections

Pujol Nicolas A.<sup>1,2</sup>, Marsh M.<sup>1,2</sup>, Rajarajan N.<sup>2</sup>, Jakobovics N.<sup>3</sup>, Burgess J.G.<sup>2</sup>, Reed M.<sup>1</sup>

<sup>1</sup>Northumbria Healthcare NHS Foundation Trust, North Shields, United Kingdom, <sup>2</sup>Newcastle University, School of Marine Science and Technology, Newcastle upon Tyne, United Kingdom, <sup>3</sup>Newcastle University, Dental School, Newcastle upon Tyne, United Kingdom

245

08:15

### Arthroscopic-assisted percutaneous stabilisation for chronic scapholunate ligament instability

Dorman S.<sup>1</sup>, Dhadwal A.<sup>1</sup>, Macfarlane R.<sup>1</sup>, Waseem M.<sup>2</sup>

<sup>1</sup>Mersey Deanery, Liverpool, United Kingdom, <sup>2</sup>Macclesfield District General Hospital, Macclesfield, United Kingdom

DISCUSSION

08:20

412

08:26

### C-reactive protein levels after hip surgery for cerebral palsy

White T.<sup>1</sup>, Shah A.<sup>1</sup>, Norman-Taylor F.<sup>1</sup>

<sup>1</sup>Evelina London Children's Hospital, Orthopaedics, London, United Kingdom

509

08:31

### Outcomes of open tibial fractures from a paediatric major trauma centre

Chan Y.<sup>1</sup>, Selvaratnam V.<sup>1</sup>, James L.<sup>1</sup>, Nayagam S.<sup>1</sup>

<sup>1</sup>Alder Hey Children's Hospital NHS Foundation Trust, Trauma and Orthopaedics, Liverpool, United Kingdom

280

08:36

### Does total knee replacement compromise the vascularity of the lower limb?

Badge R.<sup>1</sup>, Khincha P.<sup>1</sup>, Moseley J.<sup>2</sup>, Hemmady M.<sup>3</sup>

<sup>1</sup>Wrightington, Wigan and Leigh NHS Trust, Orthopaedics, Wigan, United Kingdom, <sup>2</sup>Wrightington, Wigan and Leigh NHS Trust, Vascular Surgery, Wigan, United Kingdom, <sup>3</sup>Wrightington, Wigan and Leigh NHS Trust, Wigan, United Kingdom

DISCUSSION

08:41

514

08:47

### A regional cross sectional study on the provision of total hip replacement for displaced intracapsular hip fractures

Lee L.H.<sup>1,2</sup>

<sup>1</sup>Collaborative Orthopaedic Research Network, on behalf of 39 Members of THRIFT Audit Group, Newcastle-upon-Tyne, United Kingdom, <sup>2</sup>Health Education North East, Specialty Training, Newcastle-upon-Tyne, United Kingdom

## Notes

## Podium Presentations - Tuesday 15th September

<p><b>568</b> <span style="float: right;"><b>08:52</b></span></p> <p><b>Pre-operative anaemia screening for elective hip and knee arthroplasty</b></p> <p><i>Pujol Nicolas A.<sup>1</sup>, Morrison R.<sup>1</sup>, Casson C.<sup>1</sup>, Khan S.<sup>1</sup>, Marriot A.<sup>1</sup>, Tiplady C.<sup>1</sup>, Reed M.<sup>1</sup></i></p> <p><sup>1</sup>Northumbria Healthcare NHS Foundation Trust, North Shields, United Kingdom</p>	<p><b>539</b> <span style="float: right;"><b>09:08</b></span></p> <p><b>Randomised controlled trial of supervised physiotherapy versus a home exercise programme after hydrodilatation treatment for the management of primary frozen shoulder</b></p> <p><i>Robinson P.<sup>1,2</sup>, Dawson M.<sup>2</sup>, Norris J.<sup>2</sup>, Roberts C.<sup>2</sup></i></p> <p><sup>1</sup>Peterborough and Stamford Hospitals NHS Foundation Trust, Peterborough, United Kingdom, <sup>2</sup>Ipswich Hospital NHS Trust, Ipswich, United Kingdom</p>	<p><b>537</b> <span style="float: right;"><b>09:18</b></span></p> <p><b>Demographics, trends and complications following percutaneous spinal augmentation for isolated vertebral fragility fracture: an analysis of 11557 patients using national data</b></p> <p><i>Lees D.A.<sup>1</sup>, Jameson S.S.<sup>1</sup>, Baker P.N.<sup>2</sup>, James P.<sup>3</sup>, Port A.<sup>2</sup>, Reed M.R.<sup>4</sup>, Greenough C.G.<sup>2</sup></i></p> <p><sup>1</sup>Northern Deanery, Trauma and Orthopaedics, Newcastle upon Tyne, United Kingdom, <sup>2</sup>South Tees Hospitals NHS Foundation Trust, Department of Orthopaedics, Middlesbrough, United Kingdom, <sup>3</sup>CHKS Healthcare Intelligence Services, Alcester, United Kingdom, <sup>4</sup>Northumbria Healthcare NHS Foundation Trust, Department of Orthopaedics, Ashington, United Kingdom</p>
<p><b>449</b> <span style="float: right;"><b>08:57</b></span></p> <p><b>The temporal outcomes of open versus arthroscopic knotted and knotless rotator cuff repair over 5 years</b></p> <p><i>Millar N.L.<sup>1</sup>, Lucena T.<sup>2</sup>, Lam P.<sup>2</sup>, Murrell G.A.<sup>2</sup></i></p> <p><sup>1</sup>University of Glasgow, Institute of Infection, Immunity and Inflammation, Glasgow, United Kingdom, <sup>2</sup>University of New South Wales, Orthopaedic Research Institute, Kogarah, Sydney, Australia</p>	<p><b>399</b> <span style="float: right;"><b>09:13</b></span></p> <p><b>Medial heel lateral push test: the first clinical examination of spring ligament integrity article</b></p> <p><i>Magan A.<sup>1,2</sup>, Devany A.<sup>2</sup>, Arman Memarzadeh A.<sup>2</sup>, Pasters V.<sup>2</sup>, Sharrif S.<sup>3</sup>, Pasapula C.<sup>2</sup></i></p> <p><sup>1</sup>Addenbrookes Hospital, Trauma and Orthopaedics, Cambridge, United Kingdom, <sup>2</sup>Queen Elizabeth Hospital, Trauma and Orthopaedics, Kings Lynn, United Kingdom, <sup>3</sup>Medway NHS Trust, Trauma and Orthopaedics, Kent, United Kingdom</p>	
<p><b>DISCUSSION</b> <span style="float: right;"><b>09:02</b></span></p>		

## Notes



## Podium Presentations - Tuesday 15th September

08:00 - 09:30

Research Free Papers  
Meeting Room 3B

2

08:05

### The effects of nanopattern surface technology on orthopaedic joint replacement infection

Hansom D.<sup>1,2</sup>, Ramage G.<sup>1</sup>, Burgess K.<sup>3</sup>, Clarke J.<sup>2</sup>, Millar N.<sup>1</sup>

<sup>1</sup>University of Glasgow, School of Medicine, Glasgow, United Kingdom, <sup>2</sup>Golden Jubilee National Hospital, Orthopaedics, Glasgow, United Kingdom, <sup>3</sup>University of Glasgow, Translational Cancer Research Centre, Glasgow, United Kingdom

89

08:10

### Tendon reattachment to bone in an in vivo ovine model using allogenic and xenogenic demineralised bone matrix

Shahbazi S.<sup>1</sup>, Thangarajah T.<sup>1</sup>, Pendegrass C.<sup>1</sup>, Lambert S.<sup>2</sup>, Alexander S.<sup>2</sup>, Blunn G.<sup>1</sup>

<sup>1</sup>University College London, London, United Kingdom, <sup>2</sup>Royal National Orthopaedic Hospital, London, United Kingdom

96

08:15

### Enhanced osteointegration using a selective laser sintered porous titanium alloy combined with solution deposited coatings

Mumith A.<sup>1</sup>, Coathup M.<sup>1</sup>, Fromme P.<sup>2</sup>, Aston W.<sup>3</sup>, Briggs T.<sup>3</sup>, Blunn G.<sup>1</sup>

<sup>1</sup>University College London, Institute of Orthopaedics and Musculoskeletal Science, Royal National Orthopaedic Hospital, Stanmore, United Kingdom, <sup>2</sup>University College London, Mechanical Engineering, London, United Kingdom, <sup>3</sup>Royal National Orthopaedic Hospital, Bone Tumour Unit, London, United Kingdom

DISCUSSION

08:20

163

08:26

### Correction of alignment (HKA angle) predicts reduction of dynamic loads in gait following medial unicompartmental knee replacement

John J.<sup>1</sup>, Straw R.<sup>1</sup>, Pickering S.<sup>1</sup>, Geutjens G.<sup>1</sup>, Chockalingam N.<sup>2</sup>, Wilton T.<sup>1</sup>

<sup>1</sup>Royal Derby Hospitals, Orthopaedics, Derby, United Kingdom, <sup>2</sup>Staffordshire University, Stoke on Trent, United Kingdom

164

08:31

### Finite element modelling of bone stresses secondary to translation of loading points in medial unicompartmental replacement in ACL deficient model

John J.<sup>1</sup>, Jorgenson B.<sup>2</sup>, Powell J.<sup>2</sup>, Boyd S.<sup>2</sup>

<sup>1</sup>Royal Derby Hospitals, Derby, United Kingdom, <sup>2</sup>University of Calgary, Calgary, Canada

357

08:36

### Joint stiffness is heritable and associated with fibrotic conditions and joint replacement

Kalson N.<sup>1</sup>, Williams F.<sup>2</sup>, Fabiane S.<sup>2</sup>, Mann D.<sup>1</sup>, Deehan D.<sup>1</sup>

<sup>1</sup>University of Newcastle, Fibrosis Research Group, Institute of Cellular Medicine, Newcastle, United Kingdom, <sup>2</sup>King's College London, London, United Kingdom

DISCUSSION

08:41

## Notes

## Podium Presentations - Tuesday 15th September

<p><b>466</b> <b>08:47</b></p> <p><b>Heterotopic ossification from blast amputees is truly bone: quantitative and qualitative characterisation of its organic and non-organic components</b></p> <p>Edwards D.<sup>1,2</sup>, Karunaratne A.<sup>2,3</sup>, Forsberg J.<sup>4</sup>, Clasper J.<sup>1,2,3</sup>, Anthony B.<sup>2,3</sup></p> <p><sup>1</sup>Royal Centre for Defence Medicine, Birmingham, United Kingdom, <sup>2</sup>Imperial College London, The Royal British Legion Centre for Blast Injury Studies, London, United Kingdom, <sup>3</sup>Imperial College London, Bioengineering, London, United Kingdom, <sup>4</sup>Walter Reed National Military Medical Center, Integrated Department of Orthopaedics and Rehabilitation, Bethesda, United States</p>	<p><b>566</b> <b>08:57</b></p> <p><b>Subchondral bone and joint physiology</b></p> <p>Beverly M.<sup>1</sup>, Urban J.<sup>2</sup>, Murray D.<sup>1</sup></p> <p><sup>1</sup>Oxford University, NDORMS, Oxford, United Kingdom, <sup>2</sup>Oxford University, DPAG, Oxford, United Kingdom</p> <hr/> <p><b>DISCUSSION</b> <b>09:02</b></p> <hr/> <p><b>604</b> <b>09:08</b></p> <p><b>Enzymatic biofilm prevention using a marine endonuclease - a new paradigm in the treatment of periprosthetic joint infections</b></p> <p>Pujol Nicolas A.<sup>1,2</sup>, Marsh M.<sup>1,2</sup>, Rajarajan N.<sup>2</sup>, Jakobovics N.<sup>3</sup>, Burgess J.G.<sup>2</sup>, Reed M.<sup>1</sup></p> <p><sup>1</sup>Northumbria Healthcare NHS Foundation Trust, North Shields, United Kingdom, <sup>2</sup>Newcastle University, School of Marine Science and Technology, Newcastle upon Tyne, United Kingdom, <sup>3</sup>Newcastle University, Dental School, Newcastle upon Tyne, United Kingdom</p>	<p><b>649</b> <b>09:13</b></p> <p><b>The biomechanical changes in cutting mechanics from six to nine months post-primary ACL reconstruction</b></p> <p>Gore S.J.<sup>1,2,3</sup>, Undheim M.<sup>1</sup>, Marshall B.<sup>1,2,3</sup>, Richter C.<sup>2,3</sup>, King E.<sup>1</sup>, Moran K.<sup>2</sup>, Moran R.<sup>1</sup>, Franklyn-Miller A.<sup>1</sup>, Falvey É.<sup>1</sup></p> <p><sup>1</sup>Sports Surgery Clinic, Dublin, Ireland, <sup>2</sup>Dublin City University, School of Health and Human Performance, Dublin, Ireland, <sup>3</sup>Insight Center for Data Analytics, Dublin, Ireland</p>
<p><b>525</b> <b>08:52</b></p> <p><b>Subjective assessment of hand-eye coordination and manual dexterity does not accurately predict performance on a virtual reality shoulder arthroscopy simulator</b></p> <p>Gandhi M.<sup>1</sup>, Anderton M.<sup>2</sup>, Funk L.<sup>3</sup></p> <p><sup>1</sup>West Midlands Rotation, Oswestry, United Kingdom, <sup>2</sup>North West Deanery, Manchester, United Kingdom, <sup>3</sup>Wrightington Hospital, Wigan, United Kingdom</p>		<p><b>10:00 - 11:30</b></p> <p>Hips Free Papers Meeting Room 4</p> <hr/> <p><b>14</b> <b>10:05</b></p> <p><b>Total hip replacement in HIV-positive patients</b></p> <p>Graham S.M.<sup>1</sup>, Lubega N.<sup>2</sup>, Mkandawire N.<sup>2</sup>, Harrison W.J.<sup>3</sup></p> <p><sup>1</sup>Royal Liverpool Infirmary, Liverpool, United Kingdom, <sup>2</sup>Beit CURE International Hospital, Blantyre, Malawi, <sup>3</sup>Countess of Chester Hospital, Chester, United Kingdom</p>

## Notes



## Podium Presentations - Tuesday 15th September

272	10:10	314	10:26	497	10:36
<b>The cost of improving hip replacement follow-up for the 2012 cohort in the UK</b>		<b>Introduction of a simple Blood Management protocol to treat pre-operative anaemia leads to reduced blood transfusion and improved outcome following primary total hip and knee arthroplasty</b>		<b>Is single-anaesthetic bilateral cemented total hip replacement safe and appropriate in modern arthroplasty practice? The thirty-five year Exeter experience</b>	
<i>Roberts N.<sup>1</sup>, Mujica-Mota R.<sup>2</sup>, Williams D.<sup>3</sup></i>		<i>Frew N.<sup>1</sup>, Alexander D.<sup>1</sup>, Acornley A.<sup>1</sup></i>		<i>Wyatt M.<sup>1,2,3</sup>, Jameson S.<sup>1</sup>, Whitehouse S.<sup>1</sup>, Wilson M.<sup>1</sup>, Charity J.<sup>4</sup></i>	
<i><sup>1</sup>Royal Cornwall Hospital, Critical Care and Anaesthesia, Truro, United Kingdom, <sup>2</sup>University of Exeter, School of Medicine, Exeter, United Kingdom, <sup>3</sup>Royal Cornwall Hospital, Trauma and Orthopaedics, Truro, United Kingdom</i>		<i><sup>1</sup>Airedale NHS Foundation Trust, Keighley, United Kingdom</i>		<i><sup>1</sup>Princess Elizabeth Orthopaedic Centre, Hip Unit, Exeter, United Kingdom, <sup>2</sup>University of Exeter, Exeter, United Kingdom, <sup>3</sup>New Zealand Orthopaedic Association, Christchurch, New Zealand, <sup>4</sup>Princess Elizabeth Orthopaedic Centre, Orthopaedics, Exeter, United Kingdom</i>	
277	10:15	392	10:31	DISCUSSION	10:41
<b>Social media as an information source for hip replacement surgery - Is it reliable and the implications for the consent process?</b>		<b>Revision total hip arthroplasty with tapered fluted non modular femoral components: the Canadian experience</b>		520	10:47
<i>Parmar D.<sup>1</sup>, Walker R.W.<sup>1</sup>, Middleton R.G.<sup>1</sup></i>		<i>Sandiford N.<sup>1</sup>, Masri B.<sup>1</sup>, Garbuz D.<sup>1</sup>, Duncan C.<sup>1</sup></i>		<b>Six year comparison of oxidised zirconium and cobalt-chrome femoral heads in total hip arthroplasty - a multi-centre randomised controlled trial</b>	
<i><sup>1</sup>Royal Cornwall Hospital, Truro, United Kingdom</i>		<i><sup>1</sup>University of British Columbia, Orthopaedics, Vancouver, Canada</i>		<i>Jassim S.<sup>1</sup>, Patel S.<sup>2</sup>, Wardle N.<sup>3</sup>, Tahmassebi J.<sup>2</sup>, Middleton R.<sup>4</sup>, Shardlow D.<sup>5</sup>, Stephen A.<sup>6</sup>, Hutchinson J.<sup>6</sup>, Haddad F.<sup>2</sup></i>	
DISCUSSION	10:20			<i><sup>1</sup>Watford General Hospital, Watford, United Kingdom, <sup>2</sup>University College Hospital</i>	

### Notes

## Podium Presentations - Tuesday 15th September

London, London, United Kingdom, <sup>3</sup>Colchester University Hospital, Colchester, United Kingdom, <sup>4</sup>Royal Bournemouth Hospital, Bournemouth, United Kingdom, <sup>5</sup>Yeovil District Hospital, Yeovil, United Kingdom, <sup>6</sup>Royal Derby Hospital, Derby, United Kingdom

731 10:52

### Pelvic tilt in the standing, supine and flexed seat-off positions

Walter L.<sup>1</sup>, Pierrepont J.<sup>1</sup>, Theodore W.<sup>1</sup>, Baré J.<sup>2</sup>, Miles B.<sup>3</sup>, Marel E.<sup>4</sup>, Solomon M.<sup>5</sup>, McMahon S.<sup>2</sup>, Shimmin A.<sup>2</sup>

<sup>1</sup>Optimized Ortho, Sydney, Australia, <sup>2</sup>Melbourne Orthopaedic Group, Melbourne, Australia, <sup>3</sup>Optimized Ortho, Ortho, Sydney, Australia, <sup>4</sup>Peninsula Orthopaedics Research Institute, Dee Why, Australia, <sup>5</sup>Sydney Hip and Knee Clinic, Sydney, Australia

747 10:57

### An investigation into the dynamic loading of ceramic-on-ceramic total hip replacements and its relevance to squeaking

Walter L.<sup>1</sup>, Pierrepont, J.<sup>2</sup>, Shimmin A.<sup>3</sup>, Feyen H.<sup>3</sup>, Miles B.<sup>1</sup>, Young D.<sup>3</sup>

<sup>1</sup>Optimized Ortho, Sydney, Australia, <sup>2</sup>Sydney University, Sydney, Australia, <sup>3</sup>Melbourne Orthopaedic Group, Melbourne, Australia

DISCUSSION 11:02

756 11:08

### 10 year trends in complications after 540,623 primary hip replacements using a national database

Partridge T.<sup>1</sup>, Jameson S.<sup>1</sup>, Baker P.<sup>2</sup>, Deehan D.<sup>3</sup>, Reed M.<sup>1</sup>

<sup>1</sup>Northumbria Healthcare NHS Foundation Trust, Trauma and Orthopaedics, Ashington, United Kingdom, <sup>2</sup>James Cook University Hospital, Middlesbrough, United Kingdom, <sup>3</sup>Newcastle Upon Tyne Hospitals NHS Foundation Trust, Newcastle, United Kingdom

758 11:13

### Simultaneous or staged bilateral total hip replacement? An analysis of complications in 12,110 patients using national data

Partridge T.<sup>1</sup>, Wyatt M.<sup>2</sup>, Baker P.<sup>3</sup>, Charity J.<sup>2</sup>, Reed M.<sup>1</sup>, Jameson S.<sup>2</sup>

<sup>1</sup>Northumbria Healthcare NHS Foundation Trust, Ashington, United Kingdom, <sup>2</sup>Princess Elizabeth Orthopaedic Centre, Exeter, United Kingdom, <sup>3</sup>South Tees Hospitals NHS Foundation Trust, Middlesbrough, United Kingdom

14:55 - 16:25

Hands Free Papers  
Meeting Room 3A

64 15:00

### The outcome of using a Jamshidi biopsy trocar needle in a novel technique for bone grafting in percutaneous internal fixation of Scaphoid non-union

Hadi S.<sup>1</sup>, Barclay J.<sup>2</sup>, Ketzner B.<sup>2</sup>

<sup>1</sup>Yorkshire Deanery, Leeds, United Kingdom, <sup>2</sup>Pinderfields Hospital, Wakefield, United Kingdom

165 15:05

### Closed intramedullary locking nailing for metacarpal fractures

Ghazala C.<sup>1</sup>, Rajeev A.<sup>1</sup>

<sup>1</sup>Queen Elizabeth Hospital, Trauma and Orthopaedics, Gateshead, United Kingdom

## Notes



## Podium Presentations - Tuesday 15th September

177 15:10

### Improving the accuracy of coding in Dupuytren's surgery - a full audit cycle

Khan M.<sup>1</sup>, Robinson P.<sup>1</sup>, Patel K.<sup>1</sup>, Wijeratna M.<sup>2</sup>, Jones J.<sup>1</sup>

<sup>1</sup>Peterborough and Stamford Hospitals NHS Foundation Trust, Peterborough, United Kingdom, <sup>2</sup>Nottingham University Hospitals NHS Trust, Nottingham, United Kingdom

DISCUSSION 15:15

245 15:21

### Arthroscopic-assisted percutaneous stabilisation for chronic scapholunate ligament instability

Dorman S.<sup>1</sup>, Dhadwal A.<sup>1</sup>, Macfarlane R.<sup>1</sup>, Waseem M.<sup>2</sup>

<sup>1</sup>Mersey Deanery, Liverpool, United Kingdom, <sup>2</sup>Macclesfield District General Hospital, Macclesfield, United Kingdom

249 15:26

### Effect of screw length and juxta-articular distance of distal row screws on stability of fixation in unstable intra-articular distal radius fractures treated with 2.4 mm distal radius locking plate - a study involving 60 consecutive cases

Sharma V.<sup>1</sup>, Srinivasan S.<sup>1</sup>, Feeney M.<sup>1</sup>

<sup>1</sup>Lincoln County Hospital, Trauma and Orthopaedics, Lincoln, United Kingdom

435 15:31

### Functional outcome of upper limb replantation: arm to fingertip

Hirano T.<sup>1</sup>, Kasai T.<sup>1</sup>

<sup>1</sup>Takamatsu Red Cross Hospital, Orthopedic Surgery, Takamatsu, Japan

DISCUSSION 15:36

443 15:42

### Are venous thromboembolic events a real concern following hand surgery?

Patel M.S.<sup>1</sup>, Wildin C.<sup>1</sup>, Dias J.<sup>1</sup>

<sup>1</sup>University Hospitals of Leicester NHS Trust, Orthopaedics, Leicester, United Kingdom

575 15:48

### Thumb CMC arthrodesis - Our institute's experience

Malhotra A.<sup>1</sup>, Singh R.<sup>1</sup>, Gandhi M.<sup>1</sup>, Kelly C.<sup>1</sup>, Ford D.<sup>1</sup>, Pickard S.<sup>1</sup>

<sup>1</sup>Robert Jones and Agnes Hunt Orthopaedic Hospital, Gobowen, United Kingdom

14:55 - 16:25

General Topic Free Papers  
Meeting Room 4

727 15:00

### Scapula injuries sustained by UK military personnel on operations: a 10 year review

Roberts D.<sup>1</sup>, Power D.<sup>1</sup>, Stapley S.<sup>2</sup>

<sup>1</sup>Queen Elizabeth Hospital, United Kingdom, Birmingham, United Kingdom, <sup>2</sup>Royal Centre for Defence Medicine, Birmingham, United Kingdom

## Notes

## Podium Presentations - Tuesday 15th September

728	15:05	90	15:21	376	15:31
<b>Upper limb vascular injuries from austere military operations: management and outcomes</b>	<i>Roberts D.<sup>1</sup>, Power D.<sup>1</sup>, Stapley S.<sup>2</sup></i> <i><sup>1</sup>Queen Elizabeth Hospital, United Kingdom, Birmingham, United Kingdom, <sup>2</sup>Royal Centre for Defence Medicine, Birmingham, United Kingdom</i>	<b>Analysis on the effects of body mass index and clinical complexity on outcomes following total knee replacement surgery</b>	<i>Deo S.<sup>1</sup>, Gopinath P.<sup>2</sup>, Rolton D.<sup>1</sup></i> <i><sup>1</sup>Great Western Hospital, Department of Orthopaedics and Trauma, Swindon, United Kingdom, <sup>2</sup>Bristol University, Medical School, Bristol, United Kingdom</i>	<b>Implications and impact of complexity and the principles of complexity science in clinical orthopaedic practice</b>	<i>Deo S.<sup>1</sup></i> <i><sup>1</sup>Great Western Hospital, Department of Orthopaedics and Trauma, Swindon, United Kingdom</i>
50	15:10	256	15:26	DISCUSSION	15:36
<b>Acute renal failure in post-operative arthroplasty patients</b>	<i>Ferguson K.<sup>1</sup>, Winter A.<sup>2</sup>, Russo L.<sup>2</sup>, Khan M.<sup>2</sup>, MacGregor M.<sup>3</sup>, Holt G.<sup>2</sup></i> <i><sup>1</sup>University Hospital Crosshouse, Kilmarnock, United Kingdom, <sup>2</sup>University Hospital Crosshouse, Dept Orthopaedics and Trauma, Kilmarnock, United Kingdom, <sup>3</sup>University Hospital Crosshouse, Dept Nephrology, Kilmarnock, United Kingdom</i>	<b>Does simulation training improve arthroscopic performance in novice medical students? A randomised control trial</b>	<i>Ferran N.A.<sup>1</sup>, Nichols J.<sup>1</sup>, Mahajan R.<sup>1</sup>, Armstrong A.L.<sup>1</sup>, Dias J.J.<sup>1</sup></i> <i><sup>1</sup>Leicester Royal Infirmary, Department of Trauma and Orthopaedics, Leicester, United Kingdom</i>	<b>Gram stain negative but culture positive - a cause of suboptimal management of septic arthritis</b>	<i>Bhaskar D.<sup>1</sup>, Wasimi M.F.A.<sup>1</sup>, Bitar S.<sup>1</sup>, Spratt D.C.<sup>1</sup></i> <i><sup>1</sup>Salford Royal NHS Foundation Trust, Trauma and Orthopaedics, Manchester, United Kingdom</i>
DISCUSSION	15:15				

## Notes



## Podium Presentations - Tuesday 15th September

403 15:47

### High dose IV tranexamic acid as part of an enhanced recovery rehabilitation programme for elective arthroplasty surgery

Morrison R.<sup>1</sup>, Tsang B.<sup>1</sup>, Fishley W.<sup>1</sup>, Harper I.<sup>1</sup>, Joseph J.<sup>1</sup>, Reed M.<sup>1</sup>

<sup>1</sup>Northumbria Healthcare NHS Foundation Trust, Department of Trauma and Orthopaedic Surgery, Ashington, United Kingdom

595 15:52

### An analysis of acute kidney injury in 5,689 patients during four years of an orthopaedic enhanced recovery programme

Diament M.<sup>1</sup>, Abouelmagd R.<sup>2</sup>, Easby J.<sup>2</sup>, Webb J.<sup>1</sup>

<sup>1</sup>James Cook University Hospital, Trauma and Orthopaedics, Middlesbrough, United Kingdom, <sup>2</sup>James Cook University Hospital, Anaesthetics, Middlesbrough, United Kingdom

DISCUSSION 15:57

597 16:03

### Orthopaedic enhanced recovery programme - experience of 5,689 cases over 2 years - outcome in terms of length of stay, complications and functional outcome - a win-win situation

Diament M.<sup>1</sup>, Abouelmagd R.<sup>2</sup>, Easby J.<sup>2</sup>, Webb J.<sup>1</sup>

<sup>1</sup>James Cook University Hospital, Trauma and Orthopaedics, Middlesbrough, United Kingdom, <sup>2</sup>James Cook University Hospital, Anaesthetics, Middlesbrough, United Kingdom

735 16:08

### Mid-term results of non-invasive extendible prosthesis in skeletally matured neoplastic and non-neoplastic patients

Khan S.<sup>1</sup>, Ghani Y.<sup>1</sup>, Palamer J.<sup>1</sup>, Gikas P.<sup>1</sup>, Olivier A.<sup>1</sup>, Skinner J.<sup>1</sup>, Aston W.<sup>1</sup>, Briggs T.<sup>1</sup>

<sup>1</sup>Royal National Orthopaedic Hospital, London, United Kingdom

16:45 - 17:45

General Topic Free Papers  
Meeting Room 4

259 16:50

### Oncological and functional outcome following limb femoral endoprosthesis for proximal femoral bony tumours

Abdel Moneim M.<sup>1</sup>, Abdel Karim M.<sup>1</sup>, Ebeid W.<sup>1</sup>

<sup>1</sup>Cairo University Hospitals, T&O, Cairo, Egypt

## Notes

## Podium Presentations - Tuesday 15th September

434

16:55

### Laboratory based measurement of physical functioning after treatment for sarcoma using a triaxial accelerometer - a feasibility study

Gerrand C.<sup>1</sup>, Furtado S.<sup>1</sup>, Godfrey A.<sup>2</sup>, Galna B.<sup>2</sup>, Tseminidis C.<sup>2</sup>, Rutter N.<sup>2</sup>, Jameson D.<sup>2</sup>, Ploetz T.<sup>2</sup>, Rochester L.<sup>2</sup>

<sup>1</sup>Newcastle Upon Tyne Hospitals NHS Foundation Trust, Department of Orthopaedics, North of England Bone and Soft Tissue Tumour Service, Newcastle Upon Tyne, United Kingdom, <sup>2</sup>Newcastle University, Newcastle upon Tyne, United Kingdom

440

17:00

### Evaluating physical activity in the community after sarcoma treatment using triaxial accelerometry. A new paradigm for outcome assessment?

Gerrand C.<sup>1</sup>, Furtado S.<sup>1</sup>, Godfrey A.<sup>2</sup>, Galna B.<sup>2</sup>, Tseminidis C.<sup>3</sup>, Rutter N.<sup>3</sup>, Hickey A.<sup>2</sup>, Jameson D.<sup>4</sup>, Ploetz T.<sup>4</sup>, Rochester L.<sup>2</sup>

<sup>1</sup>Newcastle Upon Tyne Hospitals NHS Foundation Trust, Department of Orthopaedics, North of England Bone and Soft Tissue Tumour Service, Newcastle Upon Tyne,

United Kingdom, <sup>2</sup>Newcastle University, Clinical Aging Research unit (CARU), Newcastle Upon Tyne, United Kingdom, <sup>3</sup>Newcastle University, School of Electrical and Electronic Engineering, Newcastle Upon Tyne, United Kingdom, <sup>4</sup>Newcastle University, Culture Lab, Newcastle Upon Tyne, United Kingdom

DISCUSSION

17:05

457

17:11

### Is long term survival possible after pulmonary metastatectomy for sarcoma?

Barry J.<sup>1</sup>, Rankin K.<sup>1</sup>, Barnard S.<sup>2</sup>, Thomas B.<sup>2</sup>, Craig G.<sup>3</sup>

<sup>1</sup>Newcastle University Medical School, Newcastle Upon Tyne, United Kingdom, <sup>2</sup>Newcastle Upon Tyne Hospitals NHS Foundation Trust, Newcastle Upon Tyne, United Kingdom, <sup>3</sup>North of England Bone and Soft Tissue Service, Freeman Hospital, Newcastle, Newcastle Upon Tyne, United Kingdom

496

17:16

### Routes to diagnosis for sarcoma - describing the sarcoma patient journey

Gerrand C.<sup>1</sup>, Francis M.<sup>2</sup>, Dennis N.<sup>2</sup>, Charman J.<sup>2</sup>, Lawrence G.<sup>2</sup>, Evans T.<sup>2</sup>, Grimer R.<sup>2</sup>

<sup>1</sup>North of England Bone and Soft Tissue Service, Freeman Hospital, Orthopaedics, Newcastle Upon Tyne, United Kingdom, <sup>2</sup>Public Health England Knowledge and Intelligence Team (West Midlands), Birmingham, United Kingdom

738

17:21

### Computer aided corrective osteotomies for malunited distal radius fractures: a systematic review of the literature

Akilapa O.<sup>1</sup>, Aggarwal S.<sup>1</sup>, Reichert I.<sup>1</sup>, Karuppaiah K.<sup>1</sup>, Compson J.<sup>1</sup>

<sup>1</sup>Kings College Hospital, London, United Kingdom

## Notes



# Podium Presentations - Wednesday 16th September

**08:30 - 10:00**  
Trauma Free Papers  
Meeting Room 4

**101** **08:35**

## Exchange nailing for tibial diaphyseal fracture non-unions. Risk factors for failure

Tsang S.-T.J.<sup>1</sup>, Mills L.A.<sup>2</sup>, Frantzias J.<sup>1</sup>, Baren J.<sup>1</sup>, Keating J.F.<sup>1</sup>, Simpson A.H.R.W.<sup>3</sup>

<sup>1</sup>Royal Infirmary of Edinburgh, Department of Orthopaedics, Edinburgh, United Kingdom, <sup>2</sup>Royal Aberdeen Children's Hospital, Department of Paediatric Orthopaedics, Aberdeen, United Kingdom, <sup>3</sup>University of Edinburgh, Department of Trauma and Orthopaedics, Edinburgh, United Kingdom

**102** **08:40**

## Exchange nailing for femoral diaphyseal fracture non-unions

Tsang S.-T.J.<sup>1</sup>, Mills L.A.<sup>2</sup>, Frantzias J.<sup>1</sup>, Baren J.<sup>1</sup>, Keating J.F.<sup>1</sup>, Simpson A.H.R.W.<sup>3</sup>

<sup>1</sup>Royal Infirmary of Edinburgh, Department of Orthopaedics, Edinburgh, United Kingdom, <sup>2</sup>Royal Aberdeen Children's Hospital, Department of Paediatric Orthopaedics, Aberdeen, United Kingdom, <sup>3</sup>University of Edinburgh, Department of Trauma and Orthopaedics, Edinburgh, United Kingdom

**158** **08:45**

## Symptomatic treatment versus cast immobilisation of avulsion fractures of the base of Fifth metatarsal in adults: a prospective randomised single-blinded non-inferiority controlled trial

Akima P.<sup>1</sup>, Cawthron K.<sup>1</sup>, Dakin W.<sup>1</sup>, Chadwick C.<sup>1</sup>, Blundell C.<sup>1</sup>, Davies M.<sup>1</sup>

<sup>1</sup>Sheffield Teaching Hospitals NHS Foundation Trust, Trauma and Orthopaedics, Sheffield, United Kingdom

**DISCUSSION** **08:50**

**217** **08:56**

## Combined intramedullary nail and plate construct for fixation of grade 3b open tibial fractures

Hughes A.<sup>1</sup>, Kelly M.<sup>1</sup>

<sup>1</sup>North Bristol NHS Trust, Bristol, United Kingdom

**288** **09:01**

## Risk stratification for heterotopic ossification in residual limbs of blast related military amputations

Edwards D.<sup>1,2</sup>, Bull A.<sup>2,3</sup>, Clasper J.<sup>1,2</sup>

<sup>1</sup>Royal Centre for Defence Medicine, Birmingham, United Kingdom, <sup>2</sup>Imperial College London, The Royal British Legion Centre for Blast Injury Studies, London, United Kingdom, <sup>3</sup>Imperial College London, Bioengineering, London, United Kingdom

**328** **09:06**

## Randomised controlled clinical trial of hip fracture hemiarthroplasty with vs without a flexible acetabular buffer

Moran M.<sup>1</sup>, Robertson G.<sup>1</sup>, Biant L.<sup>1</sup>

<sup>1</sup>The Royal Infirmary of Edinburgh, Trauma and Orthopaedic Surgery, Edinburgh, United Kingdom

**DISCUSSION** **09:11**

Notes

---

---

---

---

---

---

---

---

---

---

## Podium Presentations - Wednesday 16th September

365

09:17

### Use of an anterior internal fixator in pelvic ring disruptions: the Bristol experience

Dahill M.<sup>1</sup>, McArthur J.<sup>1</sup>, Acharya M.<sup>1</sup>, Ward A.<sup>1</sup>, Chesser T.<sup>1</sup>

<sup>1</sup>North Bristol NHS Trust, Trauma and Orthopaedics, Bristol, United Kingdom

386

09:22

### The value of 'binder-off' imaging for identifying occult and unexpected pelvic ring injuries

Fagg J.A.C.<sup>1</sup>, Acharya M.<sup>1</sup>, Chesser T.<sup>1</sup>, Ward A.<sup>1</sup>

<sup>1</sup>North Bristol NHS Trust, Pelvic and Acetabular Reconstruction Unit, Department of Trauma and Orthopaedic Surgery, Bristol, United Kingdom

426

09:27

### The Ankle Injury Management (AIM) trial: an equivalence randomised controlled trial comparing close contact casting (CCC) with ORIF for unstable ankle fractures in patients over 60 years

Willett K.<sup>1,2</sup>, Keene D.J.<sup>1,2</sup>, Handley R.<sup>3</sup>, Tutton E.<sup>2,4</sup>, Chesser T.<sup>5</sup>, Pallister I.<sup>6</sup>, Mistry D.<sup>7</sup>, Nam J.<sup>8</sup>, Lall R.<sup>7</sup>, Briggs A.<sup>8</sup>, Lamb S.E.<sup>1,2,7</sup>

<sup>1</sup>University of Oxford, Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, Oxford, United Kingdom, <sup>2</sup>Oxford University Hospitals NHS Trust, Kadoorie Centre for Critical Care Research and Education, Oxford, United Kingdom, <sup>3</sup>Oxford University Hospitals NHS Trust, Oxford Trauma Service, Oxford, United Kingdom, <sup>4</sup>University of Warwick, Royal College of Nursing Research Institute, Coventry, United Kingdom, <sup>5</sup>North Bristol NHS Trust, Bristol, United Kingdom, <sup>6</sup>Abertawe Bro Morgannwg University Health Board, Morriston Hospital, Swansea, United Kingdom, <sup>7</sup>University of Warwick, Warwick Clinical Trials Unit, Coventry, United Kingdom, <sup>8</sup>University of Glasgow, Institute of Health and Wellbeing, Glasgow, United Kingdom

DISCUSSION

09:32

514

09:38

### A regional cross sectional study on the provision of total hip replacement for displaced intracapsular hip fractures

Lee L.H.<sup>1,2</sup>

<sup>1</sup>Collaborative Orthopaedic Research Network, on behalf of 39 Members of THRIFT Audit Group, Newcastle-upon-Tyne, United Kingdom, <sup>2</sup>Health Education North East, Specialty Training, Newcastle-upon-Tyne, United Kingdom

535

09:43

### Comparison of the reconstruction trochanteric antigrade nail (TAN) with the proximal femoral nail antirotation (PFNA) in the management of reverse oblique intertrochanteric hip fractures

Makki D.<sup>1</sup>, Jacob N.<sup>1</sup>, Matar H.E.<sup>1</sup>, Lipscombe S.<sup>1</sup>, Gudena R.<sup>1</sup>

<sup>1</sup>St Helens and Knowsley Teaching Hospitals NHS Trust, Prescot, United Kingdom

## Notes



# Podium Presentations - Wednesday 16th September

661 09:48

## A prospective, randomised, controlled trial comparing the fibular nail vs. standard ORIF for fixation of ankle fractures in patients under 65 years of age

Bugler K.<sup>1</sup>, Court-Brown C.<sup>1</sup>, McQueen M.<sup>1</sup>, White T.<sup>1</sup>

<sup>1</sup>University of Edinburgh, Trauma and Orthopaedics, Edinburgh, United Kingdom

10:30 - 12:00  
Knee Free Papers  
Meeting Room 3B

11 10:35

## What has been the role for MRI scanning of the knee in primary care?

Kapur B.<sup>1</sup>, Marlow W.<sup>1</sup>, Carroll A.<sup>1</sup>, Parkinson R.<sup>1</sup>

<sup>1</sup>Wirral University Teaching Hospital, Trauma and Orthopaedics, Liverpool, United Kingdom

159 10:40

## Osteonecrosis of the knee - a retrospective series with 6 year follow up

Jordan R.W.<sup>1</sup>, Aparajit P.<sup>2</sup>, Docker C.<sup>3</sup>, El-Shazly M.<sup>2</sup>

<sup>1</sup>University Hospitals Coventry & Warwickshire, Coventry, United Kingdom, <sup>2</sup>Droitwich Knee Clinic, Droitwich, United Kingdom, <sup>3</sup>Worcester Royal Hospital, Worcester, United Kingdom

280 10:45

## Does total knee replacement compromise the vascularity of the lower limb?

Badge R.<sup>1</sup>, Khincha P.<sup>1</sup>, Moseley J.<sup>2</sup>, Hemmady M.<sup>3</sup>

<sup>1</sup>Wrightington, Wigan and Leigh NHS Trust, Orthopaedics, Wigan, United Kingdom, <sup>2</sup>Wrightington, Wigan and Leigh NHS Trust, Vascular Surgery, Wigan, United Kingdom, <sup>3</sup>Wrightington, Wigan and Leigh NHS Trust, Wigan, United Kingdom

DISCUSSION 10:50

437 10:56

## Functional classification of patients undergoing high tibial osteotomy

Thomas A.<sup>1</sup>, Whelton C.<sup>1</sup>, Biggs P.<sup>1</sup>, Holt C.<sup>1</sup>, Andrew M.<sup>1,2</sup>, Wilson C.<sup>1,2</sup>, Whatling G.<sup>1</sup>

<sup>1</sup>Cardiff University, Engineering, Cardiff, United Kingdom, <sup>2</sup>University Hospital Wales, Cardiff, United Kingdom

490 11:01

## Medial opening wedge high tibial osteotomy improves outcomes: a multi-centre cohort study

Elson D.W.<sup>1</sup>, Wilson C.<sup>2</sup>, Risebury M.<sup>1</sup>, Dawson M.<sup>3</sup>, Wilson A.<sup>1</sup>, Williams R.<sup>2</sup>, Rossiter N.<sup>1</sup>, Thomas N.<sup>1</sup>, Eyre-Brooke A.<sup>1</sup>, Vint H.<sup>3</sup>, Phelan S.<sup>3</sup>, Middleton P.<sup>3</sup>, Yaseen S.<sup>1</sup>, Mahoney M.<sup>1</sup>

<sup>1</sup>North Hampshire Hospital, Orthopaedics, Basingstoke, United Kingdom, <sup>2</sup>Cardiff and Vale University Health Board, Orthopaedics, Cardiff, United Kingdom, <sup>3</sup>North Cumbria University Hospitals NHS Trust, Orthopaedics, Carlisle, United Kingdom

Notes

---

---

---

---

---

---

---

---

## Podium Presentations - Wednesday 16th September

491	11:06	561	11:22	602	11:38
<b>Distal femoral osteotomy - a large multi-centre cohort</b> <i>Elson D.W.<sup>1</sup>, Wilson C.<sup>2</sup>, Risebury M.<sup>1</sup>, Dawson M.<sup>3</sup>, Wilson A.<sup>1</sup>, Williams R.<sup>2</sup>, Rossiter N.<sup>1</sup>, Thomas N.<sup>1</sup></i> <sup>1</sup> North Hampshire Hospital, Orthopaedics, Basingstoke, United Kingdom, <sup>2</sup> Cardiff and Vale University Health Board, Orthopaedics, Cardiff, United Kingdom, <sup>3</sup> North Cumbria University Hospitals NHS Trust, Orthopaedics, Carlisle, United Kingdom		<b>Short term outcome of the Zimmer unicompartamental high flex knee prosthesis and a comparison with the Oxford partial knee replacement</b> <i>Howieson A.<sup>1</sup>, Paterson J.<sup>1</sup>, Farrington W.<sup>1</sup></i> <sup>1</sup> North Shore Hospital, Orthopaedics, Auckland, New Zealand		<b>A comparison of the concordance of patient-reported and hospital coded comorbidities and their impact upon total knee arthroplasty outcomes: results from the advancing quality alliance patient cohort</b> <i>Conway L.<sup>1,2</sup>, Goodson N.<sup>1</sup>, Prospero N.<sup>3</sup>, Rao J.<sup>4</sup></i> <sup>1</sup> Institute of Ageing and Chronic Disease, University of Liverpool, Musculoskeletal Biology I, Liverpool, United Kingdom, <sup>2</sup> Southport and Ormskirk Hospital NHS Trust, Southport, United Kingdom, <sup>3</sup> Advancing Quality Alliance, Salford, United Kingdom, <sup>4</sup> Countess of Chester NHS Foundation Trust, Trauma & Orthopaedics, Chester, United Kingdom	
<b>DISCUSSION</b>					
546	11:17	577	11:27	651	11:43
<b>A comparison of pre-operative scores prior to ACL reconstruction with optimal pre-injury scores: what they did at their best, expectations and final scores at 1 year follow up</b> <i>Gabr A.<sup>1</sup>, Khan M.<sup>1</sup>, Haddad F.<sup>1</sup></i> <sup>1</sup> University College of London Hospital, London, United Kingdom		<b>Use of models to enhance patient understanding and visualisation in orthopaedics: a single-blinded randomised controlled trial</b> <i>Malik H.H.<sup>1</sup>, Sugand K.<sup>2</sup>, Newman S.<sup>2</sup>, Spicer D.<sup>3</sup>, Gupte C.M.<sup>3</sup></i> <sup>1</sup> Imperial College London, School of Medicine, London, United Kingdom, <sup>2</sup> Imperial College London, MSk Lab, London, United Kingdom, <sup>3</sup> Imperial NHS Trust, London, United Kingdom		<b>Improving patient reported outcome measures in total knee replacement by changing implant: a quality improvement project</b> <i>Partridge T.<sup>1</sup>, Elamin-Ahmed H.<sup>2</sup>, Prichard T.<sup>2</sup>, Emmerson K.<sup>1</sup>, Partington P.<sup>1</sup>, Reed M.<sup>1</sup></i> <sup>1</sup> Northumbria Healthcare NHS Foundation Trust, Trauma and Orthopaedics, Ashington, United Kingdom, <sup>2</sup> Newcastle University, Newcastle, United Kingdom	
<b>DISCUSSION</b>					

## Notes



## Podium Presentations - Wednesday 16th September

716 11:48

### Form and function in knee replacement: a prospective randomised controlled trial comparing the early functional outcome following universal or handed AGC TKR

McGarvey C.<sup>1</sup>, Charles L.<sup>1</sup>, Sankey H.<sup>1</sup>, Nicholl A.<sup>1</sup>, Bowman N.<sup>1</sup>, Gibb P.<sup>1</sup>

<sup>1</sup>Maidstone and Tunbridge Wells NHS Trust, Tunbridge Wells, United Kingdom

10:30 - 12:00

Children's Free Papers  
Meeting Room 4

29 10:35

### Salter pin removal: complications encountered at Alder Hey and a survey of current UK practice

Ralte P.<sup>1</sup>, Wilson G.<sup>1</sup>, Robinson S.<sup>1</sup>, James L.<sup>1</sup>, Bruce C.<sup>1</sup>, Wright D.<sup>1</sup>

<sup>1</sup>Alder Hey Children's Hospital NHS Foundation Trust, Trauma & Orthopaedics, Liverpool, United Kingdom

76 10:40

### The Alder Hey criteria and experience of closed reduction in developmental dysplasia of the hip

Dorman S.<sup>1</sup>, Shelton J.<sup>1</sup>, Walton R.<sup>1</sup>, Maheshwari R.<sup>2</sup>, Garg N.<sup>2</sup>, Bruce C.<sup>2</sup>

<sup>1</sup>Mersey Deanery, Liverpool, United Kingdom, <sup>2</sup>Alder Hey Children's Hospital NHS Foundation Trust, Liverpool, United Kingdom

180 10:45

### Hip reconstructions in paediatric cerebral palsy: lessons from one surgeon's series of 71 patients (106 primary hips)

Coyle C.<sup>1</sup>, Paterson J.M.H.<sup>1</sup>, Maizen C.<sup>1</sup>, Bridgens A.<sup>1</sup>, Kayani B.<sup>1</sup>, Wadhwa A.C.<sup>2</sup>

<sup>1</sup>The Royal London Hospital, Orthopaedics, Whitechapel, United Kingdom, <sup>2</sup>Barts Health NHS Trust, London, United Kingdom

DISCUSSION 10:50

238 10:56

### Management of slipped capital femoral epiphysis by modified Dunn's osteotomy through Ganz surgical hip dislocation

Kamal F.<sup>1</sup>, Abdel Karim M.<sup>1</sup>, Abdel Azeem A.<sup>1</sup>, Abdel Ghani H.<sup>1</sup>, Beder F.<sup>1</sup>

<sup>1</sup>Cairo University Hospitals, Tr & Orth, Cairo, Egypt

412 11:01

### C-reactive protein levels after hip surgery for cerebral palsy

White T.<sup>1</sup>, Shah A.<sup>1</sup>, Norman-Taylor F.<sup>1</sup>

<sup>1</sup>Evelina London Children's Hospital, Orthopaedics, London, United Kingdom

428 11:06

### The dangers of youth: is it a valid "red flag" for low back pain?

Thomas J.<sup>1</sup>, Girach J.<sup>2</sup>, Armon K.<sup>3</sup>, Hutchinson R.<sup>4</sup>, Sanghrajka A.<sup>4</sup>

<sup>1</sup>Norfolk and Norwich University Hospital, Orthopaedics, Norwich, United Kingdom, <sup>2</sup>University of East Anglia, Norwich, United Kingdom, <sup>3</sup>Norfolk and Norwich University Hospital, Rheumatology, Norwich, United Kingdom, <sup>4</sup>Norfolk and Norwich University Hospital, Norwich, United Kingdom

## Notes

## Podium Presentations - Wednesday 16th September

DISCUSSION

11:11

474

11:17

**Efficacy of selective ultrasound hip screening in DDH based on traditional risk factors***Taylor C.<sup>1</sup>, Sciberras N.<sup>1</sup>, Metcalfe J.<sup>1</sup>, Vaitkute R.<sup>2</sup>, Holroyd B.<sup>1</sup>**<sup>1</sup>Derriford Hospital, Trauma and Orthopaedics, Plymouth, United Kingdom, <sup>2</sup>Derriford Hospital, Paediatrics, Plymouth, United Kingdom*

509

11:22

**Outcomes of open tibial fractures from a paediatric major trauma centre***Chan Y.<sup>1</sup>, Selvaratnam V.<sup>1</sup>, James L.<sup>1</sup>, Nayagam S.<sup>1</sup>**<sup>1</sup>Alder Hey Children's Hospital NHS Foundation Trust, Trauma and Orthopaedics, Liverpool, United Kingdom*

586

11:27

**Role of ankle arthroscopy in the management of persistent post-traumatic ankle pain within the paediatric population***Ashton F.<sup>1</sup>, Mawdsley M.<sup>1</sup>, MacKenney P.<sup>1</sup>, Adedapo A.<sup>1</sup>**<sup>1</sup>James Cook University Hospital, Trauma and Orthopaedics, Middlesbrough, United Kingdom*

DISCUSSION

11:32

621

11:38

**Nerve injuries associated with supracondylar fractures of the humerus in children - injury patterns, treatment and outcome***Kwok I.<sup>1</sup>, Silk Z.<sup>1</sup>, Quick T.<sup>1</sup>, Sinisi M.<sup>1</sup>, Macquillan A.<sup>1</sup>, Fox M.<sup>1</sup>**<sup>1</sup>Royal National Orthopaedic Hospital, Stanmore, Peripheral Nerve Injury Unit, London, United Kingdom*

681

11:43

**"Empty talofibular gutter" in children with anterior talofibular ligament injuries***Venkataraman R.<sup>1</sup>, Mawdsley M.<sup>1</sup>, Bethapudi S.<sup>1</sup>, Page J.<sup>1</sup>, Mackenney P.<sup>2</sup>**<sup>1</sup>University Hospital of North Durham, Durham, United Kingdom, <sup>2</sup>James Cook University Hospital, Middlesbrough, United Kingdom*

764

11:48

**Review of open tibial fractures in children***Wu F.<sup>1</sup>, Nandra R.<sup>1</sup>, Gaffey A.<sup>1</sup>, Bache C.E.<sup>1</sup>**<sup>1</sup>Birmingham Children's Hospital, Birmingham, United Kingdom*

## Notes



## Podium Presentations - Thursday 17th September

08:30 - 10:00

Foot and Ankle Free Papers  
Meeting Room 3A

5

08:35

### Mobility total ankle replacement. A prospective study - medium term (6-10 years) results in a non-inventor series

Ali F.<sup>1</sup>, Millar T.<sup>2</sup>, Garg S.<sup>2</sup>

<sup>1</sup>North West Deanery, Trauma and Orthopaedics, Manchester, United Kingdom,

<sup>2</sup>Royal Lancaster Infirmary, Trauma and Orthopaedics, Lancaster, United Kingdom

24

08:40

### The Beagle Böhler Walker - reduction of load transmission in a below knee cast

Berwin J.<sup>1</sup>, Burton T.<sup>2</sup>, Taylor J.<sup>2</sup>, McGregor A.<sup>2</sup>, Roche A.<sup>1</sup>

<sup>1</sup>Chelsea and Westminster Hospital, Department of Trauma & Orthopaedic Surgery, London, United Kingdom, <sup>2</sup>Charing Cross Hospital, Human Performance Group, Musculoskeletal Biodynamics Laboratory, Department of Surgery & Cancer, London, United Kingdom

109

08:45

### Revision total ankle replacement to arthrodesis with a hindfoot fusion nail

Ali A.A.<sup>1</sup>, Harris N.J.<sup>1</sup>

<sup>1</sup>Leeds Teaching Hospitals NHS Trust, Department of Trauma & Orthopaedics, Leeds, United Kingdom

DISCUSSION

08:50

234

08:56

### Patient reported outcomes for minimally invasive medialising calcaneal osteotomy for the treatment of acquired flexible tibialis posterior dysfunction

Akhtar S.<sup>1</sup>, Hariharan K.<sup>1</sup>

<sup>1</sup>Royal Gwent Hospital, Department of Foot and Ankle Surgery, Newport, United Kingdom

267

09:01

### Minimally invasive calcaneal bone graft for dowel arthrodesis of the 2nd and /or 3rd tarsometatarsal joints

Kheir E.<sup>1</sup>, Bryant H.<sup>1</sup>, Farndon M.<sup>1</sup>

<sup>1</sup>Harrogate District Hospital NHS Trust, Trauma and Orthopaedics, Harrogate, United Kingdom

333

09:06

### The influence of ultrasound guidance on the efficacy of corticosteroid injection for Morton's neuroma: a randomised controlled trial

Mahadevan D.<sup>1</sup>, Bhatt R.<sup>2</sup>, Bhatia M.<sup>3</sup>

<sup>1</sup>Avon Orthopaedic Centre, Trauma and Orthopaedics, Bristol, United Kingdom,

<sup>2</sup>University Hospitals of Leicester, Radiology, Leicester, United Kingdom, <sup>3</sup>University Hospitals of Leicester, Trauma and Orthopaedics, Leicester, United Kingdom

DISCUSSION

09:11

## Notes

## Podium Presentations - Thursday 17th September

<p><b>375</b> <span style="float: right;"><b>09:17</b></span></p> <p><b>A randomised controlled trial comparing the extended-plantar-limb (modified) chevron osteotomy with scarf osteotomy for Hallux valgus correction</b></p> <p><i>Mahadevan D.<sup>1</sup>, Lines S.<sup>1</sup>, Hepple S.<sup>1</sup>, Winson I.<sup>1</sup>, Harries W.<sup>1</sup></i></p> <p><sup>1</sup>Avon Orthopaedic Centre, Trauma and Orthopaedics, Bristol, United Kingdom</p>	<p><b>406</b> <span style="float: right;"><b>09:27</b></span></p> <p><b>The Ilizarov frame in Charcot neuropathy - treating the 'untreatable' patients</b></p> <p><i>Boyd R.<sup>1</sup>, Khaleel A.<sup>2</sup>, Beckles V.<sup>2</sup></i></p> <p><sup>1</sup>Ashford and St Peters Hospitals NHS Foundation Trust, Trauma and Orthopaedics, Winchester, United Kingdom, <sup>2</sup>Ashford and St Peters Hospitals NHS Foundation Trust, Trauma and Orthopaedics, Chertsey, United Kingdom</p> <hr/> <p><b>DISCUSSION</b> <span style="float: right;"><b>09:32</b></span></p>	<p><b>792</b> <span style="float: right;"><b>09:43</b></span></p> <p><b>Outcomes following surgery for adolescent hallux valgus - a systematic review</b></p> <p><i>Harb Z.<sup>1</sup>, Kokkinakis M.<sup>2</sup>, Ismail H.I.<sup>3</sup>, Spence G.<sup>3</sup></i></p> <p><sup>1</sup>Guy's and St Thomas' NHS Foundation Trust, Evelina London Children's Hospital, London, United Kingdom, <sup>2</sup>Stanmore Royal National Orthopaedic Hospital, London, United Kingdom, <sup>3</sup>Guy's and St Thomas' NHS Foundation Trust, London, United Kingdom</p>
<p><b>399</b> <span style="float: right;"><b>09:22</b></span></p> <p><b>Medial heel lateral push test: the first clinical examination of spring ligament integrity article</b></p> <p><i>Magan A.<sup>1,2</sup>, Devany A.<sup>2</sup>, Arman Memarzadeh A.<sup>2</sup>, Pasters V.<sup>2</sup>, Sharrif S.<sup>3</sup>, Pasapula C.<sup>2</sup></i></p> <p><sup>1</sup>Addenbrookes Hospital, Trauma and Orthopaedics, Cambridge, United Kingdom, <sup>2</sup>Queen Elizabeth Hospital, Trauma and Orthopaedics, Kings Lynn, United Kingdom, <sup>3</sup>Medway NHS Trust, Trauma and Orthopaedics, Kent, United Kingdom</p>	<p><b>494</b> <span style="float: right;"><b>09:38</b></span></p> <p><b>How common is asymptomatic deep vein thrombosis in 'low risk' patients with lower limb trauma and cast immobilisation? - Does venous thromboembolism risk assessment work?</b></p> <p><i>Hickey B.<sup>1</sup>, Alikhan R.<sup>1</sup>, Pugh N.<sup>1</sup>, Nokes L.<sup>2</sup>, Perera A.<sup>1</sup></i></p> <p><sup>1</sup>University Hospital of Wales, Cardiff, United Kingdom, <sup>2</sup>Cardiff University, Cardiff, United Kingdom</p>	<div style="background-color: red; color: white; padding: 5px; text-align: center;"> <p><b>08:30 - 10:00</b> BLRS Free Papers Meeting Room 12</p> </div> <hr/> <p><b>229</b> <span style="float: right;"><b>08:30</b></span></p> <p><b>Patient education - an important tool in reducing the rates of pinsite infections in patients treated with an ilizarov fine wire fixator</b></p> <p><i>Fishlock A.<sup>1</sup>, Britten S.<sup>2</sup>, Hannant G.<sup>2</sup></i></p> <p><sup>1</sup>NHS, T&amp;O, Leeds, United Kingdom, <sup>2</sup>Leeds Teaching Hospitals NHS Trust, Leeds, United Kingdom</p>

## Notes



## Podium Presentations - Thursday 17th September

790	08:30	255	10:40	640	10:56
<b>Limb replant with acute shortening, revascularization and early limb lengthening in total and subtotal amputation of lower limbs - a retrospective study of 15 cases</b>		<b>The Laterjet procedure for recurrent shoulder dislocations - some modifications with excellent results</b>		<b>Does the functional outcome of non-operatively managed Achilles tendon ruptures improve over time?</b>	
<i>Bhaskar D.<sup>1</sup>, Koor C.C.<sup>2,3</sup>, Jayakumar R.<sup>4</sup>, Guild A.J.<sup>4</sup>, Cyriac A.<sup>4</sup>, George V.V.<sup>5,6</sup></i>		<i>Karmegam A.<sup>1</sup>, Sivardeen Z.<sup>1</sup></i>		<i>Aujla R.<sup>1</sup>, Bhatia M.<sup>1</sup></i>	
<i><sup>1</sup>Salford Royal NHS Foundation Trust, Trauma and Orthopaedics, Manchester, United Kingdom, <sup>2</sup>Specialists Hospital, Trauma and Orthopaedics, Kochi, India, <sup>3</sup>Ernakulam Medical Centre, Trauma and Orthopaedics, Kochi, India, <sup>4</sup>Specialists Hospital, Plastic Surgery, Kochi, India, <sup>5</sup>Ernakulam Medical Centre, Kochi, India, <sup>6</sup>Specialists Hospital, Kochi, India</i>		<i><sup>1</sup>Homerton University Hospital, London, United Kingdom</i>		<i><sup>1</sup>University Hospitals of Leicester, Trauma and Orthopaedics, Leicester, United Kingdom</i>	
<b>10:30 - 12:00</b> Sports Free Papers Meeting Room 4		636	10:45	664	11:01
		<b>Non-operative functional mobilisation for eight weeks following acute Achilles tendon rupture: 293 consecutive cases with over two years follow up</b>		<b>Use of basic screening tools to guide warm-up exercises in tournament football to decrease the incidence of injury; the experiences of the English Football Association at the FIFA under 20 World Cup</b>	
		<i>Aujla R.<sup>1</sup>, Bhatia M.<sup>1</sup></i>		<i>Jain N.<sup>1</sup>, Kemp S.<sup>2</sup>, Bizzini M.<sup>3</sup>, Lewin G.<sup>2</sup>, Beasley I.<sup>2</sup></i>	
		<i><sup>1</sup>University Hospitals of Leicester, Trauma and Orthopaedics, Leicester, United Kingdom</i>		<i><sup>1</sup>North Manchester General Hospital, Department of Trauma and Orthopaedics, Manchester, United Kingdom, <sup>2</sup>The Football Association, London, United Kingdom, <sup>3</sup>FIFA, Zurich, Switzerland</i>	
65	10:35	<b>DISCUSSION</b>	10:50		
<b>The outcome of surgical management of Chronic Pectoralis Major ruptures</b>					
<i>Hadi S.<sup>1</sup>, Chaudhary M.<sup>2</sup>, Venkateswaran B.<sup>2</sup></i>					
<i><sup>1</sup>Yorkshire Deanery, Leeds, United Kingdom, <sup>2</sup>Pinderfields Hospital, Wakefield, United Kingdom</i>					

### Notes

## Podium Presentations - Thursday 17th September

698	11:06	768	11:22	269	10:40
<p><b>A Gaussian process model for predicting time to return to play following injury in the professional footballer</b></p> <p>Jain N.<sup>1</sup>, Kampakis S.<sup>2</sup>, Murray D.<sup>1</sup>, Kemp S.<sup>3</sup>, Hayward P.<sup>4</sup>, Treleaven P.<sup>2</sup>, Haddad F.<sup>2</sup></p> <p><sup>1</sup>North Manchester General Hospital, Department of Trauma and Orthopaedics, Manchester, United Kingdom, <sup>2</sup>University College London, London, United Kingdom, <sup>3</sup>The Football Association, London, United Kingdom, <sup>4</sup>Wolverhampton Wanderers FC, Wolverhampton, United Kingdom</p>		<p><b>Influence of femoral tunnel position of the outcome of ACL reconstruction</b></p> <p>Sunil Kumar K.H.<sup>1</sup>, Jones G.<sup>1</sup>, Forrest N.<sup>1</sup>, Nathwani D.<sup>1</sup></p> <p><sup>1</sup>Imperial College Healthcare NHS Trust, London, United Kingdom</p>		<p><b>Prospective long-term outcome study of hydrodilatation for the treatment of adhesive capsulitis of the shoulder</b></p> <p>Gurdezi S.<sup>1,2</sup>, Patel H.<sup>3</sup>, Mangat N.<sup>4</sup>, Curtis M.J.<sup>1</sup></p> <p><sup>1</sup>Kingston Hospital, Trauma and Orthopaedics, London, United Kingdom, <sup>2</sup>University College London, Faculty of Medical Sciences, London, United Kingdom, <sup>3</sup>St George's Healthcare NHS Trust, Radiology, London, United Kingdom, <sup>4</sup>Kingston Hospital, Radiology, London, United Kingdom</p>	
<p><b>10:30 - 12:00</b></p> <p><b>Shoulder and Elbow Free Papers</b></p> <p><b>Meeting Room 11</b></p>					
DISCUSSION	11:11	208	10:35	418	10:45
744	11:17	<p><b>Clinical outcome case note review of 100 rotator cuff repairs using all-suture anchors</b></p> <p>Baljinder D.<sup>1</sup>, Aramberri-Gutierrez M.<sup>2</sup>, Kochhar T.<sup>1</sup></p> <p><sup>1</sup>University of Greenwich, London Bridge Hospital, London, United Kingdom, <sup>2</sup>Cirugía Ortopédica y Traumatología del Deporte, Madrid, Spain</p>		<p><b>Arthroscopic posterior bone block - is it a viable technique?</b></p> <p>Cutbush K.<sup>1,2</sup>, Hirpara K.<sup>1,2</sup></p> <p><sup>1</sup>Brisbane Hand and Upper Limb Research Institute, Brisbane, Australia, <sup>2</sup>Orthopaedic Department, Princess Alexandra Hospital, Brisbane, Australia</p>	
<p><b>The outcome of revision anterior cruciate ligament using hamstring autograft versus bone patella tendon bone autograft: a systematic review of literature</b></p> <p>Sunil Kumar K.H.<sup>1</sup>, Nathwani D.<sup>2</sup></p> <p><sup>1</sup>Princess Alexandra Hospital, Trauma and Orthopaedics, Harlow, United Kingdom, <sup>2</sup>Imperial College Healthcare NHS Trust, London, United Kingdom</p>		<p><b>DISCUSSION</b></p>		<p><b>10:50</b></p>	

## Notes



## Podium Presentations - Thursday 17th September

449	10:56	567	11:07	614	11:23
<b>The temporal outcomes of open versus arthroscopic knotted and knotless rotator cuff repair over 5 years</b>		<b>Clinical and radiographic results of fully uncemented reverse total shoulder system using trabecular metal base plate at 2 years' follow-up</b>		<b>Surface replacement arthroplasty for glenohumeral arthropathy in patients younger than 50 years of age: results after minimum ten year follow-up</b>	
<i>Millar N.L.<sup>1</sup>, Lucena T.<sup>2</sup>, Lam P.<sup>2</sup>, Murrell G.A.<sup>2</sup></i>		<i>Theivendran K.<sup>1</sup>, Varghese M.<sup>1</sup>, Bateman M.<sup>1</sup>, Morgan M.<sup>1</sup>, Cresswell T.<sup>1</sup>, Espag M.<sup>1</sup>, Clark D.<sup>1</sup>, Tambe A.<sup>1</sup></i>		<i>Bailey M.<sup>1</sup>, Levy O.<sup>1</sup>, Arealis G.<sup>1</sup>, Merchant J.<sup>1</sup>, Tsvieli O.<sup>1</sup>, Young L.<sup>1</sup>, Narvani A.N.<sup>1</sup>, Copeland S.<sup>1</sup></i>	
<sup>1</sup> University of Glasgow, Institute of Infection, Immunity and Inflammation, Glasgow, United Kingdom, <sup>2</sup> University of New South Wales, Orthopaedic Research Institute, Kogarah, Sydney, Australia		<sup>1</sup> Royal Derby Hospital, Trauma and Orthopaedics, Derby, United Kingdom		<sup>1</sup> Royal Berkshire Hospital, Reading Shoulder Unit, Reading, United Kingdom	
539	11:01	<b>DISCUSSION</b>	11:12	617	11:28
<b>Randomised controlled trial of supervised physiotherapy versus a home exercise programme after hydrodilatation treatment for the management of primary frozen shoulder</b>		<b>580</b>	11:18	<b>Use of Codman's paradox in performing manipulation under anaesthetic for frozen shoulder - resuming safe and early return of function</b>	
<i>Robinson P.<sup>1,2</sup>, Dawson M.<sup>2</sup>, Norris J.<sup>2</sup>, Roberts C.<sup>2</sup></i>		<b>Patient reported outcomes of surgically managed glenoid fractures</b>		<i>Bailey M.<sup>1</sup>, Levy O.<sup>1</sup>, Polyzois I.<sup>1</sup>, Arealis G.<sup>1</sup>, Tsvieli O.<sup>1</sup>, Sforza G.<sup>1</sup>, Rajib P.<sup>1</sup>, Atoun U.<sup>1</sup></i>	
<sup>1</sup> Peterborough and Stamford Hospitals NHS Foundation Trust, Peterborough, United Kingdom, <sup>2</sup> Ipswich Hospital NHS Trust, Ipswich, United Kingdom		<i>Diament M.<sup>1</sup>, Dawkins C.<sup>2</sup>, Jeavons R.<sup>1</sup>, Rangan A.<sup>1</sup></i>		<sup>1</sup> Royal Berkshire Hospital, Reading Shoulder Unit, Reading, United Kingdom	
		<sup>1</sup> James Cook University Hospital, Trauma and Orthopaedics, Middlesbrough, United Kingdom, <sup>2</sup> James Cook University Hospital, General Surgery, Middlesbrough, United Kingdom		<b>DISCUSSION</b>	11:33

### Notes

## Podium Presentations - Thursday 17th September

622

11:39

### The 'Parachute technique' for small and medium rotator cuff tears repairs

Bailey M.<sup>1</sup>, Arealis G.<sup>1</sup>, Young L.<sup>1</sup>, Pradhan R.<sup>1</sup>, Atoun U.<sup>1</sup>, Narvani A.<sup>1</sup>, Dattani R.<sup>1</sup>, Levy O.<sup>1</sup>

<sup>1</sup>Royal Berkshire Hospital, Reading Shoulder Unit, Reading, United Kingdom

680

11:45

### A comparison of the early results of stemmed and stemless humeral components in total shoulder arthroplasty

Jain N.<sup>1</sup>, Longstaffe J.<sup>2</sup>, Gilbert M.<sup>2</sup>, Chin P.<sup>2</sup>, Regan W.<sup>2</sup>, Leith J.<sup>2</sup>

<sup>1</sup>North Manchester General Hospital, Department of Trauma and Orthopaedics, Manchester, United Kingdom, <sup>2</sup>University of British Columbia Hospital, Joint Preservation Unit, Vancouver, Canada

10:30 - 12:00

WOC Free Papers  
Meeting Room 12

190

10:30

### The devastating effect of delayed presentations and a lack of preventative care: a South African case series

Kalraiya A.<sup>1,2</sup>, Jain A.<sup>3</sup>, Buddhdev P.<sup>4</sup>

<sup>1</sup>West Middlesex University Hospital, London, United Kingdom, <sup>2</sup>Edendale Hospital, Pietermaritzburg, South Africa, <sup>3</sup>Imperial College London, London, United Kingdom, <sup>4</sup>King's College Hospital, London, United Kingdom

191

10:30

### Comparing the trauma and orthopaedic training of UK core surgical trainees and South African medical officers

Kalraiya A.<sup>1,2</sup>, Nafeji A.<sup>3</sup>, Patel M.<sup>4</sup>, Buddhdev P.<sup>5</sup>

<sup>1</sup>Edendale Hospital, Pietermaritzburg, South Africa, <sup>2</sup>West Middlesex University Hospital, London, United Kingdom, <sup>3</sup>Whipps Cross Hospital, London, United Kingdom, <sup>4</sup>Royal Berkshire Hospital, Reading, United Kingdom, <sup>5</sup>King's College Hospital, Trauma and Orthopaedics, Bushey, United Kingdom

15:10 - 16:40

Audit & Management Free Papers  
Meeting Room 12

110

15:15

### Rubbish orthopaedics: maximising financial savings in the operating theatre by efficiencies within waste management

Ashford R.U.<sup>1,2</sup>, Shawkat S.<sup>1</sup>, Power R.A.<sup>1</sup>, Caldwell I.<sup>3</sup>

<sup>1</sup>Leicester Orthopaedics, Leicester, United Kingdom, <sup>2</sup>University of Nottingham, Academic Orthopaedics, Nottingham, United Kingdom, <sup>3</sup>DHL Envirosolutions, Lutterworth, United Kingdom

143

15:20

### The results of collaborative antibiotic stewardship ward round in the trauma and orthopaedic directorate of a district General Hospital

Tanagho A.<sup>1</sup>, Hatab S.<sup>1</sup>, Roberts S.<sup>2</sup>, Shewale S.<sup>1</sup>

<sup>1</sup>NHS Scotland - Dumfries and Galloway, Orthopaedics, Dumfries, United Kingdom, <sup>2</sup>NHS Scotland - Dumfries and Galloway, Dumfries, United Kingdom

## Notes

---



---



---



---



---



---



# Podium Presentations - Thursday 17th September

202 15:25

## Analysis of payment for total knee arthroplasty. Breaking the code in remuneration for knee arthroplasty

Deo S.<sup>1</sup>, Rolton D.<sup>1</sup>, Jhaj J.<sup>1</sup>, Lotz B.<sup>1</sup>, Ahmed A.<sup>1</sup>, Brunton L.<sup>1</sup>

<sup>1</sup>Great Western Hospital, Swindon, United Kingdom

DISCUSSION 15:30

301 15:36

## Predicting 30 day mortality after hip fracture: validating the use of National Hip Fracture Database (NHFD) data

Tsang C.<sup>1,2</sup>, Cromwell D.<sup>1,2</sup>, Boulton C.<sup>3</sup>, Johansen A.<sup>3,4</sup>, Wakeman R.<sup>3,5</sup>

<sup>1</sup>Royal College of Surgeons, Clinical Effectiveness Unit, London, United Kingdom, <sup>2</sup>London School of Hygiene and Tropical Medicine, London, United Kingdom, <sup>3</sup>Royal College of Physicians, National Hip Fracture Database, London, United Kingdom, <sup>4</sup>University Hospital Wales, Cardiff, United Kingdom, <sup>5</sup>Basildon and Thurrock University Hospitals NHS Foundation Trust, Basildon, United Kingdom

361 15:41

## Total hip replacement for displaced intracapsular hip fracture: using the National Hip Fracture Database (NHFD) to monitor compliance with NICE guidance

Wakeman R.<sup>1,2</sup>, Boulton C.<sup>1</sup>, Johansen A.<sup>1,3</sup>

<sup>1</sup>Royal College of Physicians, National Hip Fracture Database, London, United Kingdom, <sup>2</sup>Basildon and Thurrock University Hospitals NHS Foundation Trust, Basildon, United Kingdom, <sup>3</sup>University Hospital Wales, Cardiff, United Kingdom

366 15:46

## Assessing the documented clinical evaluation of intra-operative orthopaedic fluoroscopy imaging in accordance with Ionising Radiation (Medical Exposure) Regulations

Pearce O.<sup>1</sup>, Hrycaiczuk A.<sup>1</sup>, Ahearn N.<sup>1</sup>, Jackson M.<sup>1</sup>

<sup>1</sup>University Hospital Bristol, Orthopaedics, Bristol, United Kingdom

DISCUSSION 15:51

420 15:57

## Golden patient - a highly effective method to improve trauma theatre efficiency

Shalabi S.T.<sup>1</sup>, Shalabi H.T.<sup>1</sup>, Morris D.<sup>1</sup>, Dahaley A.S.<sup>1</sup>, Desai V.<sup>1</sup>, Malkan D.<sup>1</sup>

<sup>1</sup>King's Mill Hospital, Trauma and Orthopaedics, Nottinghamshire, United Kingdom

450 16:02

## Soft tissue infections associated with "Legal Highs": an increasing problem

Robiati L.<sup>1</sup>, Vats A.<sup>1</sup>, Bugler K.<sup>1</sup>, White T.<sup>1</sup>, Reid J.<sup>1</sup>

<sup>1</sup>Royal Infirmary of Edinburgh, Trauma and Orthopaedics, Edinburgh, United Kingdom

464 16:07

## Learning curves in lower limb arthroplasty

Nzeako O.<sup>1</sup>, Back D.<sup>1</sup>

<sup>1</sup>Guys and St Thomas NHS Trust, London, United Kingdom

DISCUSSION 16:12

### Notes

## Podium Presentations - Thursday 17th September

481 16:18

**Does the addition of a post-CCT fellow affect training of specialist registrars in trauma and orthopaedic surgery?***Chan O.<sup>1</sup>, Sandiford N.<sup>1</sup>, Skinner J.<sup>2</sup>*<sup>1</sup>Maidstone and Tunbridge Wells NHS Trust, Tunbridge Wells, United Kingdom, <sup>2</sup>Royal National Orthopaedic Hospital, London, United Kingdom

512 16:23

**Quality assessment and cost analysis for primary care referrals to a tertiary orthopaedic centre***Gabr A.<sup>1</sup>, Khan M.<sup>1</sup>, Mirza Y.<sup>1</sup>, Haddad F.<sup>1</sup>*<sup>1</sup>University College of London Hospital, London, United Kingdom

568 16:28

**Pre-operative anaemia screening for elective hip and knee arthroplasty***Pujol Nicolas A.<sup>1</sup>, Morrison R.<sup>1</sup>, Casson C.<sup>1</sup>, Khan S.<sup>1</sup>, Marriot A.<sup>1</sup>, Tiplady C.<sup>1</sup>, Reed M.<sup>1</sup>*<sup>1</sup>Northumbria Healthcare NHS Foundation Trust, North Shields, United Kingdom

17:00 - 18:00

Spines Free Papers  
Meeting Room 4

326 17:05

**The outcome of decompression alone for lumbar spinal stenosis with degenerative spondylolisthesis***Ahmad S.<sup>1</sup>, Hamad A.<sup>1</sup>, Bhalla A.<sup>1</sup>, Turner S.<sup>1</sup>, Balain B.<sup>1</sup>, Jaffray D.<sup>1</sup>*<sup>1</sup>Robert Jones and Agnes Hunt Orthopaedic Hospital, Oswestry, United Kingdom

417 17:10

**Can spinopelvic parameters predict proximal junction kyphosis following correction of Scheuermann's kyphosis?***Shalabi S.T.<sup>1</sup>, Nasto L.A.<sup>1</sup>, Perez B.<sup>1</sup>, Mehdian H.<sup>1</sup>*<sup>1</sup>Queens Medical Centre, Nottingham, United Kingdom

531 17:15

**An analysis of microdiscectomy as a day case procedure: pathway to success***Ahuja N.<sup>1</sup>, Shanmugam C.<sup>1</sup>, Low J.C.<sup>1</sup>, Sharma H.<sup>1</sup>*<sup>1</sup>Plymouth Hospital NHS Trust, Plymouth, United Kingdom

DISCUSSION 17:20

537 17:26

**Demographics, trends and complications following percutaneous spinal augmentation for isolated vertebral fragility fracture: an analysis of 11,557 patients using national data***Lees D.A.<sup>1</sup>, Jameson S.S.<sup>1</sup>, Baker P.N.<sup>2</sup>, James P.<sup>3</sup>, Port A.<sup>2</sup>, Reed M.R.<sup>4</sup>, Greenough C.G.<sup>2</sup>*<sup>1</sup>Northern Deanery, Trauma and Orthopaedics, Newcastle upon Tyne, United Kingdom,<sup>2</sup>South Tees Hospitals NHS Foundation Trust, Department of Orthopaedics, Middlesbrough, United Kingdom, <sup>3</sup>CHKS Healthcare Intelligence Services, Alcester, United Kingdom,<sup>4</sup>Northumbria Healthcare NHS Foundation Trust, Department of Orthopaedics, Ashington, United Kingdom

## Notes



## Podium Presentations - Thursday 17th September

554

17:31

### Complications of growing rods in non-idiopathic scoliosis

Talbot C.<sup>1</sup>, Green C.<sup>1</sup>, Oxborrow N.<sup>1</sup>

<sup>1</sup>Central Manchester University Hospitals, Manchester, United Kingdom

751

17:47

### Surgical Site Infection in spinal operations: a tertiary centre review of 4,557 consecutive procedures over 5 years

Fawi H.<sup>1</sup>, Ahmed M.<sup>1</sup>, Miguel Susa J.<sup>1</sup>, Lewis M.<sup>1</sup>, Davies P.<sup>1</sup>, James S.<sup>1</sup>, Jones A.<sup>1</sup>, Chopra I.<sup>1</sup>, Ahuja S.<sup>1</sup>

<sup>1</sup>Welsh Centre for Spinal Trauma and Surgery, Cardiff, United Kingdom

560

17:36

### The utility of SPECT/CT fusion imaging in the diagnosis of a vertebral compression fracture in multiple myeloma: a case series

Kwok I.<sup>1</sup>, Butler J.<sup>1</sup>, Selvadurai S.<sup>1</sup>, Molloy S.<sup>1</sup>

<sup>1</sup>Royal National Orthopaedic Hospital, Stanmore, Spinal Deformity Unit, London, United Kingdom

789

17:52

### The effect of cross links on the rotational stiffness of scoliosis constructs

Pilling R.<sup>1</sup>, Knight T.<sup>1</sup>, Ahmed E.N.<sup>2</sup>

<sup>1</sup>The Robert Jones and Agnes Hunt Orthopaedic Hospital, Oswestry, United Kingdom,  
<sup>2</sup>University Hospital of North Staffordshire, Stoke on Trent, United Kingdom

DISCUSSION

17:41

## Notes

## Specialist Society Annual Meetings

<b>BSSH (British Society for Surgery of the Hand)</b> www.bssh.ac.uk	15-16 October 2015, London
<b>BTS (British Trauma Society)</b> www.bts-org.co.uk	4 November 2015, Stoke-on-Trent
<b>SBPR (Society for Back Pain Research)</b> www.sbpr.info	5-6 November 2015, Bournemouth
<b>BOFAS (British Orthopaedic Foot &amp; Ankle Society)</b> www.bofas.org.uk	11-13 November 2015, Guildford
<b>OTS (Orthopaedic Trauma Society)</b> www.orthopaedictrauma.org.uk	20-21 January 2016, Coventry
<b>BSCOS (British Society for Children's Orthopaedic Surgery)</b> www.bscos.org.uk	10-11 March 2016, Aylesbury
<b>BHS (British Hip Society)</b> www.britishhipsociety.com	16-18 March 2016, Norwich
<b>BLRS (British Limb Reconstruction Society)</b> (w/ BAPRAS) www.blrs.org.uk	16-18 March 2016, Liverpool
<b>BASK (British Association for Surgery of the Knee)</b> (Parallel Meetings with BOSTAA and ACPA) www.baskonline.com	30-31 March 2016, Liverpool
<b>BRITSPINE</b> www.britspine.com	6-8 April 2016, Nottingham
<b>CSOS (Combined Services Orthopaedic Society)</b> www.csos.co.uk	13 May 2016, Plymouth
<b>BOOS (British Orthopaedic Oncology Society)</b> www.boos.org.uk	20 May 2016, Dublin
<b>CAOS (Computer Assisted Orthopaedic Surgery (International))</b> www.caos-international.org	8-11 June 2016, Japan
<b>BOTA (British Orthopaedic Trainees Association)</b> www.bota.org.uk	16-19 June 2016, Hinckley
<b>BESS (British Elbow and Shoulder Society)</b> www.bess.org.uk	22-24 June 2016, Dublin

### Notes

---

---

---

---

---





# BOA Instructional Course 2016

Saturday 9th - Sunday 10th January  
Manchester Conference Centre

## REGISTRATION NOW OPEN

[www.boa.ac.uk/events/instructional-course](http://www.boa.ac.uk/events/instructional-course)

The British Orthopaedic Association's Annual Instructional Course is a highlight of the BOA's training and education calendar, bringing together trauma and orthopaedic trainees at all stages of their postgraduate training, to prepare for their FRCS examination.

Places are extremely limited!

The 2015 course proved to be extremely popular so register early to guarantee your place for 2016!

**The key focus of the 2016 Instructional Course will be on paediatrics and trauma, and trainees will have the opportunity to gain up to 5 CBDs in the following areas:**

- Neurovascular injuries
- Painful hip in a child
- Painful spine in a child
- Necrotising fasciitis
- Open fractures

### Guest lectures include:

- Professor Andy Carr "The Orthopaedic Surgeon of the future: Surgical Technician or Surgical Scientist, what can we learn from Astronauts"
- Miss Deborah Eastwood on Paediatric Orthopaedics
- Miss Leela Biant "Surgical management of articular cartilage defects"

Contact: [policy@boa.ac.uk](mailto:policy@boa.ac.uk)

# Save The Date

13-16 September • Belfast Waterfront



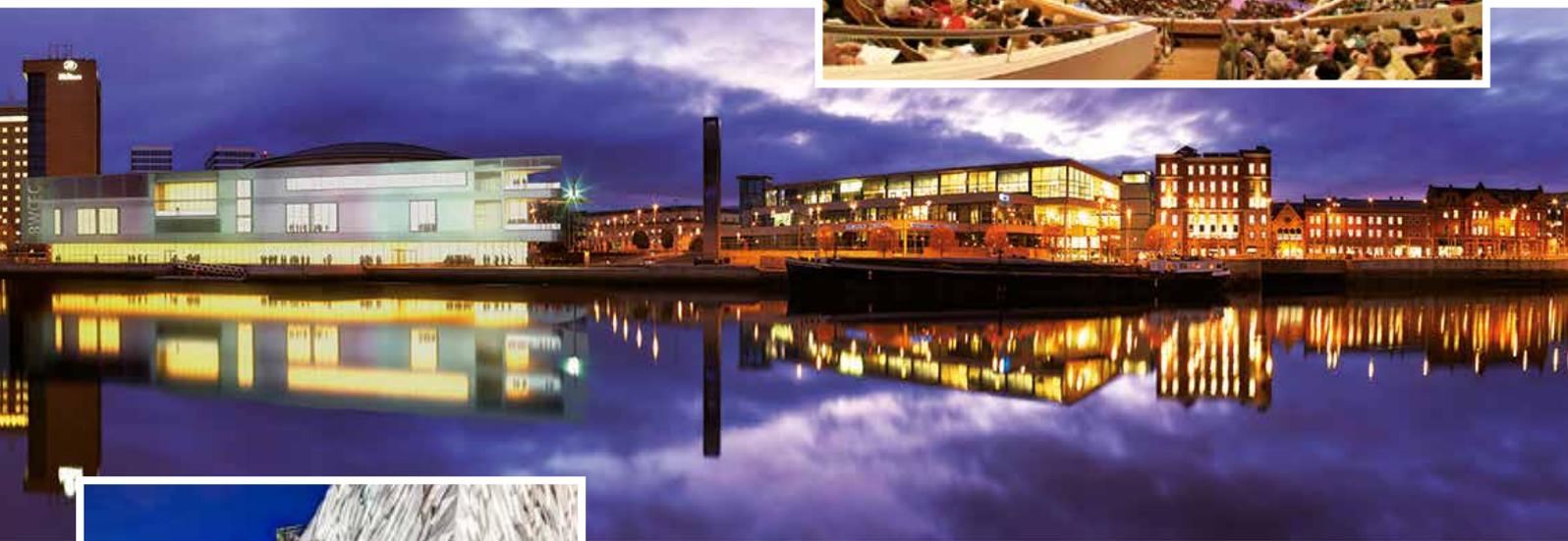
# BOA Annual Congress 2016

## *'Clinical Leadership & Engagement'*

### Likely Sessions:

- Trauma and Spines
- Education and Training
- Best of the Best
- NJR
- Broader Professional Issues
- Howard Steel Lecture
- RCS Edinburgh King James IV Professorship Lecture
- Robert Jones Lecture
- Free Papers

### Exhibition - Medical Industry



[congress.boa.ac.uk](http://congress.boa.ac.uk)