



BRITISH
HIP
SOCIETY

britishhipsociety.com

BHS 2021

ANNUAL SCIENTIFIC MEETING

VIRTUAL



LIVE STREAM
9th - 11th JUNE

Book your study leave.

Join us LIVE 9th to 11th June | Engage, discuss, debate.



Anil Gambhir



Dominic Meek



Vikas Khanduja



Andrew Hamer



Jonathan Howell



Ajay Malviya



Simon Buckley



Matt Wilson



Tim Board

Premium Access

REGISTER BEFORE 6th JUNE**

- ✓ Live stream viewing 9th to 11th June
- ✓ 10% early bird discount code 'BHS2021'
- ✓ Expert-led interactive debates and case discussions
- ✓ Keynote lectures
- ✓ Industry interactive workshops
- ✓ Digital posters
- ✓ Industry 'Happy Hour' and prize draw social networking
- ✓ Up to 15 CPD points awarded by the RCS of England
- ✓ On demand viewing from 23rd June

*Registrations after 7th June – on demand access only



Henry Wynn Jones



Samantha Tross



Tim Petheram



Tony Andrade



Joanne Maggs



Kate Spacey



Sam Jain



Callum McBryde



Mike Reed



Kathryn Gill



Phil Mitchell



Sarah Eastwood



Kat Dayanandra



Jon Conroy



Samantha Hook



Mike Whitehouse



Shivam Kohle



Richie Gill



Sion Glyn-Jones



Naomi Gibbs



Sunil Kumar Karadi



Marcus Bankes



David Sochart

On behalf of our Immediate Past President, Jonathan Howell and the Executive Committee, I would like to welcome all those attending the live virtual 2021 Annual Scientific Meeting of the British Hip Society.

The Annual Scientific Meeting of the BHS is consistently one of the most rewarding conferences that people attend and remains a highlight of the orthopaedic calendar each year. After the excellent meeting last year in Newport at the International Convention Centre Wales, hosted by Steve Jones, we were hoping to have a face-to-face meeting in Bournemouth. Despite the best efforts of Jonathan Howell who explored all possible avenues, the events of the COVID restrictions prevented this. I am nevertheless confident that this virtual meeting will be as equally an invigorating experience, and that everyone will enjoy the three days immensely. Of course, the success of these meetings depends on the members, and I am delighted that so many registered to join us here for this virtual meeting.

The programme this year will be a combination of real time virtual instructional lectures, podium presentations of the latest research, and an excellent array of electronic poster presentations, with time in the programme allocated for thought-provoking discussion, and of course the opportunity to catch up, albeit virtually, with friends and colleagues and to share experiences. We are delighted to maintain the emerging hip surgeon's session on the evening of the first day and the novel industry supported sessions on the Wednesday and Thursday afternoons.

It is our honour to welcome Professor Cecilia Rogmark, Department of Orthopaedics, Lund University, Sweden, as our Presidential Guest Speaker. Professor Rogmark will make a significant contribution to this year's meeting with her keynote lecture on "Optimising Hip Fracture Care". I am sure this will be one of the highlights of this year's meeting.

The hot topics in hip surgery organised by Fares Haddad will include: Spino-pelvic alignment – a primer, an update on robotic assisted THA, Dual Mobility – the past, the present and the future and Restarting elective surgery after COVID – the burden we face. There will also be an update on NAHR 6th year report, BAJIR and an opportunity to listen to Peter Kay deliver the delayed Charnley lecture. One of the main reasons for attending the BHS has been the ability to meet and catch up with colleagues. Although not possible face-to-face we have included a "Happy Hour" session on the Thursday evening to allow social networking with your colleagues and partners from industry in a breakout room of your choice.

During the main meeting, we have allocated time for six different "Topic in Focus" instructional sessions, aimed at addressing topical issues, new developments, thorny problems and some of the politics of our specialty. The first Topic in Focus (TIF), on Wednesday will continue the theme of the spino-pelvic relationship from the hot topics session and its influence on hip surgery organised by Steve Jones. The second TIF is an interactive session on the NJR with Peter Howard and Tim Wilton. On the Thursday we will have a new TIF on Culture and Diversity, followed by an NAHR TIF session covering AVN, posterior hip pain and greater trochanter pain, and organised by Ajay Malviya. Finally, on Friday there will be two TIFs on Revision and Complex Surgery Networks with Tim Board and Andy Hamer and management of metastasis around the hip which we are very grateful to the input from BOOS and in particular Robert Ashford.

The Annual Scientific Meeting of the BHS is of course an important opportunity for us all to present, even if only virtually, our original research and this year the Scientific Committee received 223 abstracts for consideration. This number clearly reflects the importance of the BHS meeting to our members. The review process was undertaken by five independent, blinded judges and we were able to accept 42 abstracts for podium presentation and a further 110+ as posters. The podium presentations have been grouped under headline topics and will last five minutes with two and half minutes for discussion. There are real gems in the posters section, and I would encourage all of you to spend some time at the conference browsing through these at the dedicated Wednesday evening session. Prizes will be awarded for the best overall research paper, the best podium presentation and the best poster and these will be presented on Friday towards the end of the meeting. Once again, we are extremely grateful to the BJJ for their generosity in the support of the best research award.

This year the podium presentations are going to be pre-recorded but with live interaction with the chairpersons and audience. All poster presentations are virtual this year, but authors have had an opportunity to record a video summary of their poster that will be available when members review the poster. Would presenters and senior authors of Podium Papers please check over their abstracts as they appear in this booklet and let us know as soon as possible if there are any corrections needed. The abstracts for the papers presented from the podium, will be published in the Bone and Joint Journal supplement later this year.

The organisation and smooth running of the BHS relies upon the vital contributions made by some key people who deserve our appreciation . This year, as in previous years, Jai Mistry from MICE Organiser deserves our warmest thanks for his efforts, dedication and hard work in organising the logistics of this meeting. Without him, organisation of this meeting under the present circumstances would not have been possible.

I would like to finish with the hope that despite one of the most challenging years for the professions that you all have an enjoyable and informative Annual Scientific Meeting and to commend you to support President Andy Hamer in advance of what we all hope will be a great face-to-face meeting in 2022.

Simon Buckley

Editorial Secretary, BHS
June 2021

page 2 of 2

Live stream access? For *maximum engagement and interaction*, view our live stream 9th to 11th June by logging in to our bespoke website from the comfort of your home or workplace.

Technical tips? Please check your internet speed/connection in advance - a good test is to see if Sky News Live on YouTube or BBC News Live is working without any issues. We recommend you use your tablet, laptop, or desktop (rather than your phone) and Google Chrome, Safari or Microsoft Edge as your browser. *Internet Explorer was replaced by Edge in 2015 and may not be compatible with our site features.*

What if I am presenting a talk or chairing a session? You will be provided clear separate joining instructions a few days prior. When you have finished presenting or chairing your session, simply log back into the live stream via our bespoke website, to view as a delegate.

Visit industry exhibitors? Join interactive live industry sessions and 'happy hour' informal face-to-face sessions as shown in the programme; visit virtual exhibition rooms by clicking the logos and buttons on the homepage. Learn about latest innovations and view pre-recorded presentations.

Digital posters?

We would encourage you to browse through our selected 110+ digital posters - simply click the posters button on our homepage once logged in and navigate through the different categories accordingly.

CPD attendance certificate? An online CPD evaluation form will be sent by email to you towards the end of October. Subject to this being completed, a CPD certificate (accredited by the Royal College of Surgeons of England) with the appropriate number of points, will be issued to you electronically.

1 to 1 messaging? Click the '**Attendees**' button to view all registered delegates and you may choose to send a message using the contact button provided.

On demand access? On demand viewing will be available from 23rd June until 31st October.


08:30 – 08:40
WELCOME
Jonathan Howell

 Immediate Past President,
British Hip Society

08:40 – 09:45
HOT TOPICS IN HIP SURGERY 2021
Chairs:
Fares Haddad (London)

Dominic Meek (Glasgow)

08:40 – 08:52

Spino-pelvic mobility – a primer

Andrew Shimmin

(Melbourne, Australia)

08:52 – 09:04

An update on computer assisted THA

Edward Davis

(Birmingham)

09:04 – 09:16

Dual mobility – the past, the present and the future

Sebastien Lustig

(Lyon, France)

09:16 – 09:28

Restarting elective surgery after COVID – the burden we face

Chloe Scott

(Edinburgh)

09:28 – 09:45

Discussion

09:45 – 10:00
BAJIR UPDATE
Tim Petheram

(Northumbria)

10:00 – 10:15
COFFEE BREAK
10:15 – 11:30
**PODIUM PRESENTATIONS OF SCIENTIFIC PAPERS:
NON ARTHROPLASTY HIP & TRAUMA**
Chairs:
Callum McBryde

(Birmingham)

Ten papers

(5 mins. presentation + 2 mins. discussion)

Sanjeev Patil

(Glasgow)

10:15

(16) The Impact of COVID 19 on the Management and Outcomes of Patients with Proximal Femoral Fractures: a Multi-centre Study of 580 Patients.
Alice Wignall¹, Vasileios Giannoudis², Andrea Jimenez², Chiranjit De³, Simon Sturdee², Peter Giannoudis¹, Hemant Pandit¹, Aashish Gulati³, Jeya Palan¹
Alice Wignall

10:22

(52) A multicentre observational cohort study describing fracture characteristics in postoperative periprosthetic femoral fractures around cemented stems in total hip replacement surgery.
Sameer Jain^{1,2}, Jonathan Lamb^{2,1}, Oliver Townsend³, Chloe Scott⁴, Ben Kendrick⁵, Rob Middleton⁶, Steve Jones⁷, Tim Board⁸, Robert West², Hemant Pandit^{1,2}
Sameer Jain



10:29	(54) A comparative study of hip fracture care and outcomes in major trauma centres versus trauma units John Lukic, Aysha Rajeev, <u>Ben Tyas</u> , Kiran Singiseti	Ben Tyas
10:36	(76) Mortality following post-operative periprosthetic fracture of the femur after hip replacement in the last decade: Meta-analysis of 35 cohort studies including 4841 patients Oliver Nix ¹ , <u>Ahmed Al-Wizni</u> ¹ , Robert West ¹ , Hemant Pandit ^{1,2} , Jonathan Lamb ¹	Ahmed Al-Wizni
10:43	(86) Mortality after hip fractures and COVID-19: A multi-centre UK study <u>Gareth Chan</u> ^{1,2} , Ashish Narang ³ , Will Kieffer ³ , SEHF & ORKSS Collaborative ⁴ , Benedict Rogers ^{1,2}	Gareth Chan
10:50	(94) Minimally invasive Periacetabular Osteotomy: Single surgeon outcomes of 369 patients <u>Gregory Stamp</u> ¹ , Kartik Bhargava ² , Ajay Malviya ¹	Gregory Stamp
10:57	(98) Early Outcomes of Surgery for Femoroacetabular Impingement: A Study Using the UK Non-Arthroplasty Registry (NAHR) Dataset Richard Holleyman ^{1,2} , <u>Mark Andrew Sohatee</u> ¹ , Marcus Bankes ³ , Tony Andrade ⁴ , Callum McBryde ⁵ , Timothy Board ⁵ , Jonathan Conroy ⁶ , Matthew Wilson ⁷ , Ajay Malviya ^{8,2} , Vikas Khanduja ⁹	Mark Andrew Sohatee
11:04	(121) A double-blind randomised control trial investigating the efficacy of Platelet-rich Plasma versus Placebo for the Treatment of Greater Trochanteric Pain Syndrome (the HIPPO trial) <u>Mohammed Ali</u> ¹ , Eshan Oderuth ² , Ismael Atchia ¹ , Ajay Malviya ¹	Mohammed Ali
11:11	(164) Functional outcomes of pelvic osteotomies for hip dysplasia: a study using the UK Non-Arthroplasty Hip Registry (NAHR) dataset Richard Holleyman ^{1,2} , <u>Mark Andrew Sohatee</u> ¹ , Marcus Bankes ³ , Johan Witt ⁴ , Tony Andrade ⁵ , Timothy Board ⁶ , Callum McBryde ⁶ , Jonathan Conroy ⁷ , Matthew Wilson ⁸ , Vikas Khanduja ⁹ , Ajay Malviya ¹⁰	Mark Andrew Sohatee
11:18	(209) Comparison of Early Outcomes Following Arthroscopic Acetabular Chondroplasty and Microfracture: a Study Using The U.K. Non-Arthroplasty Hip Registry Dataset Richard Holleyman ¹ , <u>Gregory Stamp</u> ¹ , Tim Board ² , Marcus Bankes ³ , Vikas Khanduja ⁴ , Ajay Malviya ¹	Gregory Stamp

11:30 – 11:40 COMFORT BREAK



11:40 – 12:00

NAHR 5th YEAR ANNUAL REPORT**Ajay Malviya**
(Northumbria)

12:00 – 12:20

KEY MESSAGES FROM DIGITAL POSTERS**Kate Gill**
(Guildford)**Phil Mitchell**
(London)**Sarah Muirhead-Allwood**
(London)

12:20 – 13:00

CHARNLEY LECTURE**Professor Peter Kay**
(Wrightington)

13:00 – 14:00

L U N C H B R E A K

Join us after lunch for interactive industry sessions
Please see overleaf for full details

Smith+Nephew**stryker** **symbios**
custom-made for you
ZIMMER BIOMET

**14:00 – 15:10 INDUSTRY SESSIONS**

Choose on the day which two of the four industry sessions below you wish to view. All four sessions will be repeated after the comfort break.

14:00 – 14:30 INDUSTRY SESSION 1 – SMITH+NEPHEW**OXINIUM \diamond + XLPE: Have we found the best bearing combination?**

- Material science of OXINIUM oxidised zirconium bearings
- The performance of Oxidised zirconium (OXINIUM): An analysis of international registry data
- Q&A

Professor Edward T Davis
(Birmingham)

Gordon Hunter, PhD
(Smith+Nephew)

14:00 – 14:30 INDUSTRY SESSION 2 – STRYKER**Mako Hip 4.0 - The Exeter experience of anatomical restoration using robotic surgery.**

Al-Amin Kassam
(Exeter)

Matthew Hubble
(Exeter)

14:00 – 14:30 INDUSTRY SESSION 3 – SYMBIOS

Professor El Hadi Sariali (affectionately known as Hedi) is Professor of Orthopaedics at the renowned University Hospital Pitié Salpêtrière, Paris and a significant contributor to the Symbios software development group responsible for the recent launch of HipPLAN® 3.0, the most powerful 3D pre-operative planning tool available to hip arthroplasty surgeons today.

Hedi will use his allocated programme slot to 'LIVE' plan a complex primary hip reconstruction, beginning with an in depth assessment of the anatomy, including the reference pelvic baseline, this measurable parameter having never previously been reported in the scientific press, which allows the most accurate determination of actual and functional leg length discrepancy. Hedi also demonstrates the relationship between 'Helitorsion' and 'version' in the femoral diaphysis and that relationship to soft tissue balance at the hip joint.

Professor El Hadi Sariali
(Paris, France)

14:00 – 14:30 INDUSTRY SESSION 4 – ZIMMER BIOMET

Do not miss Zimmer Biomet's live industry session "Science Behind Collared vs Collarless stems" debate presented by Prof. Carsten Perka (Berlin) and Mr. Ben Bloch (Nottingham).

Prof. Carsten Perka
(Berlin)

Mr. Ben Bloch
(Nottingham)

14:30 – 14:40 C O M F O R T B R E A K


14:40 – 15:10 INDUSTRY SESSION 1 – SMITH+NEPHEW (repeated)

OXINIUM ϕ + XLPE: Have we found the best bearing combination?

- Material science of OXINIUM oxidised zirconium bearings
- The performance of Oxidised zirconium (OXINIUM): An analysis of international registry data
- Q&A

**Professor Edward T Davis
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**Gordon Hunter, PhD
(Smith+Nephew)**
14:40 – 15:10 INDUSTRY SESSION 2 – STRYKER (repeated)

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**Al-Amin Kassam
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**Prof. Carsten Perka
(Berlin)**
**Mr. Ben Bloch
(Nottingham)**
15:10 – 15:20 C O M F O R T B R E A K



15:20 – 16:40 **TOPIC IN FOCUS I:**
**THE SPINO-PELVIC RELATIONSHIP AND ITS
INFLUENCE ON HIP SURGERY** **Chairs:**
Stephen Jones (Cardiff)
Simon Buckley (Sheffield)

15:20 – 15:34 Why its important? **Mike Whitehouse**
(Bristol)

15:34 – 15:48 Our current practice & how we got here. **Ran Schwarzkopf**
(New York, USA)

15:48 – 16:02 A spinal surgeons perspective. **Sashin Ahuja**
President, British
Association of Spinal
Surgeons

16:02 – 16:16 How can technology help us? **Sion Glyn-Jones**
(Oxford)

16:16 – 16:40 Case Based Panel Discussion **Stephen Jones**
(Cardiff)

16:40 – 17:00 **T E A B R E A K**

17:00 – 18:00 **EMERGING HIP SURGEONS FORUM** **Chairs:**
Al-Amin Kassam (Exeter)
Grace White (Bradford)

17:00 – 17:05 Introduction **Al-Amin Kassam** (Exeter)
Grace White (Bradford)

17:05 – 17:20 Making friends, influencing people and leading change
early in your Consultant career **Kate Gill**
(Guildford)

17:20 – 17:35 NJR feedback for the new Consultant **Martyn Porter**
(Wrightington)

17:35 – 17:50 Covid, emotional turmoil and dealing with imposter
syndrome as a new Consultant - why you are not alone! **Tony Clayson**
(Wrightington)

17:50 – 18:00 Discussion

17:00 – 18:00 **DIGITAL POSTER VIEWING**
For those not viewing the emerging hip surgeons forum, we would encourage you to
browse through our selected 100+ digital posters.

18:00 – 19:00 **BHS Members' Extraordinary General Meeting**
Members only – further details of separate joining
instructions and EGM agenda will be sent to members
by email nearer the time. **Chair:**
Andrew Hamer
BHS President



08:00 – 08:05

WELCOME TO DAY TWO

Andrew Hamer

President, British Hip Society

08:05 – 09:05

**PODIUM PRESENTATIONS OF SCIENTIFIC PAPERS
TOTAL HIP ARTHROPLASTY I**

Chairs:

Sameer Jain (Leeds)

Eight papers
(5 mins. presentation + 2 mins. discussion)

Henry Wynn Jones
(Wrightington)

08:05

(125) The ceiling effect after hip arthroplasty: important differences in return to higher level activity are missed by the Oxford Hip Score

Thomas Edwards, Brogan Keane, Amy Garner, Kartik Logishetty, Alexander Liddle, Justin Cobb

Thomas Edwards

08:17

(127) Carbon dioxide levels in orthopaedic surgical helmets

Chris Whelton, Jonathan Barrow, Rohit Singhal, Tim Board

Chris Whelton

08:24

(129) The Effect of Cemented Acetabular Component Geometry on the Risk of Revision for Instability or Loosening: A Study of 224,874 Primary THRs from the National Joint Registry for England, Wales & Northern Ireland

Hiren Divecha^{1,2}, Terence O'Neill², Timothy Board¹

Hiren Divecha

08:31

(188) Computer guided Total Hip Arthroplasty is associated with a reduced risk of revision and increased patient satisfaction. An analysis of a single manufacturer acetabular components from the National Joint Registry of England, Wales, Northern Ireland and the Isle of Man.

Edward T Davis¹, Kerren McKinney², Amir Kamali², Joseph Pagkalos¹

Edward T Davis

08:38

(192) Patient Specific Cup Orientation Can Be Achieved by Integrating the Combined Sagittal Index Further Minimizing Risk of Dislocation.

Amedeo Falsetto¹, Ethan Sanders², Johannes Weishorn³, Harinderjit Gill¹, Niall McGoldrick¹, Paul Beulé¹, Moritz Innmann³, Christian Merle³, George Grammatopoulos¹

George Grammatopoulos

08:45

(195) The Effect Of Uncemented Acetabular Liner Geometry And Lip Size On The Risk Of Revision For Instability or Loosening: A Study On 202,511 Primary THRs from The UK National Joint Registry For England, Wales & Northern Ireland

Hiren Divecha^{1,2}, Terence O'Neill², Timothy Board¹

Hiren Divecha

08:52

(211) The association between lipped crosslinked polyethylene liner use and surgical approach on the survival of Total Hip Arthroplasty. An analysis of data from the National Joint Registry of England, Wales, Northern Ireland and the Isle of Man.

Joseph Pagkalos, Branko Kopjar, Edward Davis

Joseph Pagkalos

08:59

(218) Benchmarking total hip replacement constructs using noninferiority analysis: the New Zealand Joint Registry study

Michael Wyatt¹, Chris Frampton², Michael Whitehouse³, Kevin Deere³, Adrian Sayers³, David Kieser²

Michael Wyatt

**09:05 – 09:10 C O M F O R T B R E A K**

09:10 – 10:25 **TOPIC IN FOCUS II:**
NJR INTERACTIVE SESSION
Current state of play and future directions

Chairs:
Jonathan Howell (Exeter)
Peter Howard (Derby)
Tim Wilton (Derby)

09:10 – 09:30 Update on NJR development
Clinician feedback website upgrade
Never events
Dataset changes
Dual Consultant operating

Peter Howard
Chairman of the Surgical
Performance Committee
and Implant Scrutiny
Committee of the NJR

09:30 – 09:50 What the NJR is doing for hip surgeons?

Tim Wilton
MD and Interim Chairman
of NJR

09:50 – 10:25 Discussion

10:25 – 10:40 C O F F E E B R E A K

10:40 – 11:55 **TOPIC IN FOCUS III:**
CULTURE AND DIVERSITY

Chairs:
Jonathan Howell (Exeter)
Kate Gill (Guildford)

10:40 – 10:55 The data of discrimination and diversity

Joanna Maggs
(Torquay)

10:55 – 11:10 The BHS culture and diversity survey 2021

Kathryn Dayananda
(North Wales)

11:10 – 11:25 What's the value in addressing culture?

Dr Tony Kelly
National Clinical Advisor
for National Maternity and
Neonatal Safety
Improvement Programme

11:25 – 11:40 The BHS mentorship programme

Sarah Eastwood
(Northumbria)

11:40 – 11:55 Discussion

Albert Hamilton
Chief Executive, CARD Group

Dr Amy Grove
Associate Professor of
Health Technology
Assessment and
implementation Science,
University of Warwick

11:55 – 12:00 C O M F O R T B R E A K



12:00 – 12:40

**PRESIDENTIAL GUEST LECTURE:
OPTIMISING HIP FRACTURE CARE**

Dr. Cecilia Rogmark
Associate Professor of
Orthopaedics,
Lund University, Sweden

12:40 – 13:30 LUNCH BREAK

**Join us after lunch for interactive industry sessions
Please see overleaf for full details**



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13:30 – 14:40 INDUSTRY SESSIONS

Choose on the day which two of the four sessions below you wish to view. All four sessions will be repeated after the comfort break.

13:30 – 14:00 INDUSTRY SESSION 1 – ADLER ORTHO



The evolving role of EPRs in complex Hip surgery – not all collars are created equal.

**Duncan Whitwell (Oxford)
Ben Kendrick (Oxford)**

Implant revision rates are increasing and all projections indicate a continued increase in coming years

Consequently, the performance capability of limb salvage implants must evolve to meet both greater functional patient demands and also improve clinical outcomes.

Adler Ortho have utilised their long term proven clinical experience in 3D printing technology in collaboration with a panel of specialist orthopaedic surgeons to address these two key objectives.

One of the key design features of the new modular limb salvage implant system is the incorporation of a novel design of modular fixation collar that provides early endosteal fixation for longer term implant stability and improved outcomes.

Join us on Thursday June 10th at 13:30 and 14:10 to hear Mr Duncan Whitwell and Mr Ben Kendrick from Oxford present the design and indications for the Pantheon Limb Salvage system and to discuss their early experience using a novel implant design.

13:30 – 14:00 INDUSTRY SESSION 2 – DEPUY SYNTHES



How technology can enhance the reproducibility of THA using the Direct Anterior Approach.

Joshua Lindsey (USA)

13:30 – 14:00 INDUSTRY SESSION 3 – MATORTHO



The Future of Hip Resurfacing, Applying Knowledge and Experience to Modern Hip Practice.

Andrew Manktelow (Nottingham)

It is our pleasure to host a live interactive session with a panel of three highly experienced and reputable hip resurfacing surgeons. The short program will focus on the successes of the resurfacing concept and take a look at what the future looks like for the young active hip patient demographic. The panel will present on the recent experience with a ceramic hip resurfacing and look forward to answer questions from you.

Paul Beaulé (Canada)

James Holland (Newcastle)

13:30 – 14:00 INDUSTRY SESSION 4 – PFIZER



Debate – ‘The role of orthopaedic surgeons in the management of OA should focus on surgical interventions’

Moderator: TBC

For the motion (The role of Orthopaedic Surgeons in the management of OA should focus on surgical interventions):

Philip Mitchell (London)

Against the motion (Orthopaedic Surgeons should engage in the more holistic management of OA and take ownership of the OA patient pathway)

Jonathan Bell (London)

Discussion lead by moderator including questions from delegates

14.00 – 14.10 **C O M F O R T B R E A K**

14:10 – 14:40 **INDUSTRY SESSION 1 – ADLER ORTHO (repeated)**



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**Paul Beaulé
(Canada)**

**James Holland
(Newcastle)**

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Moderator: TBC

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**Philip Mitchell
(London)**

Against the motion (Orthopaedic Surgeons should engage in the more holistic management of OA and take ownership of the OA patient pathway)

**Jonathan Bell
(London)**

Discussion lead by moderator including questions from delegates

14:40 – 14:45 **C O M F O R T B R E A K**

14:45 – 16:15

PODIUM PRESENTATIONS OF SCIENTIFIC PAPERS
BASIC SCIENCE & REVISION

Chairs:

Mike Reed (Northumbria)
Richie Gill (Bath)

Twelve papers
(5 mins. presentation + 2 mins. discussion)

14:45	(13) AN EXPERIMENTAL STUDY USING A NOVEL ULTRASOUND (US) TECHNIQUE TO ANALYSE BONE STRUCTURE <u>Sheena Seewoonarain</u> , Richard Stavri, Sara Behforootan, Richard Abel	Sheena Seewoonarain
14:52	(19) Revision total hip arthroplasty using a vascularised anterior femoral window <u>Rajpreet Sahemey</u> ¹ , Gurdip Chahal ² , Trevor Lawrence ³	Rajpreet Sahemey
14:59	(21) Analysis of the Exeter™ V40 Femoral Stem Prosthesis Fracture: systematic review and single centre case series <u>Joshua Thompson</u> ¹ , James Corbett ¹ , Daniel Bye ² , Adrian Jones ¹ , Elizabeth Tissingh ² , John Nolan ¹	Joshua Thompson
15:06	(37) Cement-in-cement versus uncemented modular stem revision for Vancouver B2 periprosthetic fractures <u>Ian Kennedy</u> ¹ , Alex Hrycaiczuk ² , Nigel Ng ¹ , Owen Sheerins ² , Sanjeev Patil ¹ , Bryn Jones ² , Andrew Stark ² , Dominic Meek ¹	Ian Kennedy
15:13	(40) Cement-in-cement femoral component revision: Mid-term results using two collarless, tapered stems <u>Ian Kennedy</u> ¹ , Nigel Ng ¹ , David Young ² , Nicholas Kane ¹ , Andrew Marsh ¹ , Dominic Meek ¹	Ian Kennedy
15:20	(77) Calcar-collar contact during simulated periprosthetic fractures of the femur increases construct stiffness and resistance to fracture and is dependent on the degree of initial separation on implantation in a composite femur model. <u>Jonathan Lamb</u> ¹ , Oliver Coltart ¹ , Isaiah Adekanmbi ² , Todd Stewart ¹ , Hemant Pandit ^{1,3}	Jonathan Lamb
15:27	(128) Cement-in-Cement Revision of the Femur in the Infected Hip Replacement <u>William Fishley</u> ¹ , Veenesh Selvaratnam ² , Ian Carluke ¹ , Paul Partington ¹ , Mike Reed ¹ , Derek Kramer ¹ , Matthew Wilson ² , Matthew Hubble ² , Jonathan Howell ² , Andrew Timperley ² , Sarah Whitehouse ³ , Al-Amin Kassam ² , Timothy Petheram ¹	William Fishley
15:34	(156) The use of antibiotic loaded absorbable calcium sulphate in hip arthroplasty <u>Bessam Ahmed</u> , David George, Abd-Allah El Ashmawy, Zulfiqar Minhas, Antony Palmer, Adrian Taylor, Ben Kendrick	Bessam Ahmed



15:41	<p>(163) Reducible Vancouver B periprosthetic femoral fractures around the Exeter cemented polished tapered stem can be fixed when the bone-cement interface is intact.</p> <p>Matilda Powell-Bowns¹, <u>Erlend Oag</u>¹, Nathan Ng², James T Patton¹, Hemant Pandit³, Matthew Moran¹, Nick Clement¹, Chloe Scott¹</p>	Erlend Oag
15:48	<p>(175) Conservative Femoral Revision Total Hip Arthroplasty, Keep It Simple Strategy</p> <p><u>Ashok Ramavath</u>, Justin Leong, Paul Siney, Peter Kay, Hiren Divecha, Tim Board</p>	Ashok Ramavath
15:55	<p>(190) Histological Tissue Analysis for Infection in Revision Total Hip Replacement: Analysis of 16-Year Experience of a Specialist Orthopaedic Centre in the United Kingdom</p> <p><u>Tim Holland</u>¹, Stefano Capella², Megan Lee³, Vaiyapuri Sumathi⁴, Edward Davis^{1,3}</p>	Tim Holland
16:02	<p>(207) Outcomes of Acetabular Revision with Trabecular Metal Augments, Impaction Bone Grafting and Cemented Highly Cross-Linked Polyethylene Cup</p> <p><u>Arjun Rajan</u>, Justin Leong, Rohit Singhal, Paul Siney, Nikhil Shah, Tim Board Wrightington Hospital, Wigan, United Kingdom</p>	Arjun Rajan
16:15 – 16:30	T E A B R E A K	
16:30 – 17:45	TOPIC IN FOCUS IV: NAHR	Chairs: Ajay Malviya (Northumbria) Vikas Khanduja (Cambridge)
16:30 – 16:55	<p>AVN OF THE HIP</p> <p style="text-align: center;">Expert panel: Callum McBryde (Birmingham) Sanjeev Patil (Glasgow)</p>	<p>Case presentation: Marcus Bankes (London)</p>
16:55 – 17:20	<p>GTPS</p> <p style="text-align: center;">Expert panel: Tony Andrade (Reading) Rob Banerjee (Oswestry) Jonathan Houghton (London)</p>	<p>Case presentation: Jovan Laskovski (Ohio, USA)</p>
17:20 – 17:45	<p>POSTERIOR HIP PAIN</p> <p style="text-align: center;">Expert panel: Johan Witt (London) Benoy Mathew (London) Tim Board (Wrightington)</p>	<p>Case presentation: Hal Martin (Texas, USA)</p>



INDUSTRY 'HAPPY HOUR' SESSIONS 6pm to 7pm

PRIZE DRAW - TWO WINNERS EACH TO RECEIVE

FREE BHS 2022 MEETING REGISTRATION
& £100 AMAZON GIFT VOUCHER

CLICK THE INDUSTRY HAPPY HOUR BUTTON ON OUR LIVE STREAM PAGE and visit industry colleagues in a breakout room of your choice 6pm to 7pm for an informal face-to-face chat. *The more rooms you visit, the more chances you will have to win.* Each visit counts as a separate entry into our PRIZE DRAW. Winners will be announced at close of our meeting on Friday 11th June.

18:00 – 19:00



Mr Duncan Whitwell will be available for questions and discussion from 6pm. Please join us for informal discussion on topics of interest, including; Pantheon Limb Salvage System; Endosteal fixation collars; design and advantages; Adler Ortho Custom Implants Programme; Strategies to prevent implant biofilm formation using DAC anti infective hydrogel.

18:00 – 19:00



How dangerous is it being an orthopaedic surgeon? Occupational injury rates amongst surgeons.

Dr Josh Bridgens & Elisabetta Ferrari (DePuy Synthes UK)

18:00 – 19:00



We hope you were able to join us for one of our sessions today. If you have questions on Resurfacing and wish to speak with the team they will be glad to welcome you to our happy hour. **Our Chairman, Mike Tuke will be presenting on The History of ADEPT® Hip Resurfacing and you'll also be able to request your copy of the ADEPT® Clinical Rationale or Operative Technique.**

18:00 – 19:00



Learn more about POLAR3 and OXINIUM as a best-in-class uncemented THR solution. You may want to hear more about the new REDAPT Revision Hip System, or CPCS as an alternative cemented stem.

Drop in for a chat with the S+N team – we look forward to meeting you!

18:00 – 19:00



Technology and Innovation Insight

Stryker is a major global provider of hip implants. Around half of Stryker hip implants are manufactured in Cork, Ireland where there is also a facility manufacturing power tools. On the call will be engineers from Cork showcasing the technologies employed to produce the implants many of you use and giving a view on areas of Stryker innovation for the future.

18:00 – 19:00



We can't buy you a cold beer but do please drop in for an informal catch-up, and if you're feeling really sociable, we'll take you through the new MDR regulatory landscape (from the 26th May) for our CE marked Custom implants AKA **The INDIVIDUAL HIP®!** Only kidding guys! BUT if you drop into conversation the phrase *"I wasn't aware that you Custom Hip is CE marked"*, you can claim your very elegant branded Parker 'Jotter' ballpoint pen!

18:00 – 19:00



Join us to discover the **NEW Avenir Complete™ hip system, G7 Acetabular Shell, Arcos® Revision Stem and unique range of Periprosthetic diagnostic solutions.** Sessions will start every 10 minutes from 6pm to 7pm.



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18:00 – 19:00



Get your copy of the hip arthroplasty incision pathway – visit ConvaTec during the Happy Hour.

Find out how implementing the hip arthroplasty pathway has benefited the trusts we work with.

Learn why covering the whole SWD risk period of 4-14 days post surgery is important and why Nice Guidelines specifically recommend 'interactive' post-operative dressings?

Find out more about our customers who have successfully implemented disposable NPWT.

18:00 – 19:00



OPS optimised 3D planning in total hip arthroplasty, behind the scenes!

As we understand how spino-pelvic factors effect the optimal implant positioning we realise how dynamic patient assessment is the key to improved outcomes. Join the Corin team for 'OPS Insight & Review' case discussions to see how this extra information is used to customise the implant position.

18:00 – 19:00



Trabecular Titanium – an introduction to Lima Delta acetabular solutions (30 minutes).

Versatile complex primary and revision options

Bespoke solutions for complex acetabular cases – Lima ProMade custom design service (30 minutes).

Exploring the capabilities of EBM after 14 years of experience
Case examples and discussion

18:00 – 19:00



Join our team from Link UK as we discuss periprosthetic fractures and how your implant choice could reduce your incidence by as much as 10x!

18:00 – 19:00



Do you know everything about personalised implants?

Join the Materialise Happy Hour and WIN a planning and 3D printed model during our Hip Quiz!

18:00 – 19:00



The MicroPort Happy Hour will be a 'Meet the Expert' session with Mr. Michael Cronin and Michael Dearnley. Mr. Cronin will be reviewing some of the cases he has completed using the SuperPath® technique and will discuss the key tips and tricks to adopting the technique successfully.

He will also be available to answer questions regarding his experiences with SuperPath®. Michael Dearnley is the U.K. Commercial Director for MicroPort and will be present to meet attendees.

18:00 – 19:00



TORS – Brand New Alternative Ultrasonic PMMA Removal System. Come and say hello to Mike Young, the UK pioneer of ultrasonic PMMA removal.

Informal presentation of TORS and discussion (over wine) of PMMA removal in joint revision surgery between Mike and Steve Young, answering questions from delegates.



08:30 – 08:35

WELCOME TO DAY THREE

Jonathan Howell
Immediate Past President,
British Hip Society

08:35 – 10:05

PODIUM PRESENTATIONS OF SCIENTIFIC PAPERS
TOTAL HIP ARTHROPLASTY II

Twelve papers
(5 mins. presentation + 2 mins. discussion)

Chairs:
Samantha Hook
(Portsmouth)

David Sochart
(SWLEOC)

08:35

(9) Does total hip arthroplasty in paediatric patients improve their quality of life?

Jonathan Barrow¹, Anne Foster², Mohamed Kenaway², Tim Board¹

Jonathan Barrow

08:42

(45) Quantifying the economic burden prior to total joint replacement among patients with moderate-to-severe chronic pain in osteoarthritis: a retrospective analysis of linked primary and secondary care data in England

Peter Clewes¹, Christoph Lohan¹, Hannah Stevenson¹, Greg Coates¹, Robert Wood², Stuart Blackburn², Theo Tritton², Roger Knaggs³, Alastair. J Dickson⁴, David. A Walsh^{5,6}

Alastair Dickson

08:49

(47) Future demand for primary & revision hip arthroplasty in Scotland

Luke Farrow^{1,2}, Sahil Gaba², George Ashcroft^{1,2}

Luke Farrow

08:56

(58) The risk of all-cause mortality, heart failure, cancer, and neurodegenerative disorders with cobalt-chrome containing total hip replacement implants: an analysis of the National Joint Registry

Kevin Deere¹, Gulraj Matharu¹, Yoav Ben-Shlomo², J Mark Wilkinson³, Ashley Blom¹, Adrian Sayers¹, Michael Whitehouse¹

Gulraj Matharu

09:03

(62) The association between surgeon training grade and risk of revision following total hip replacement: analysis from the National Joint Registry of England, Wales, Northern Ireland, and the Isle of Man

Tim Fowler¹, Ashley Blom^{1,2}, Mike Reed³, Alex Aquilina¹, Adrian Sayers¹, Michael Whitehouse^{1,2}

Tim Fowler

09:10

(59) Projections for primary total hip replacement surgery up to the year 2060: an analysis based on data from The National Joint Registry for England, Wales, Northern Ireland and the Isle of Man

Gulraj Matharu¹, David Culliford², Ashley Blom¹, Andrew Judge¹

Gulraj Matharu

09:17

(60) Does the publication of NICE guidelines for venous thromboembolism chemical prophylaxis influence the prescribing patterns of UK hip and knee surgeons?

Gulraj Matharu¹, VTE research collaborative¹, Ashley Blom¹, Tim Board², Michael Whitehouse¹

Gulraj Matharu



- 09:24 (73) **Randomised controlled trial of functional CT-based planning with patient-specific instruments versus standard care in Total Hip Arthroplasty.**
Vatsal Gupta¹, Christopher Thomas², Helen Parsons³, Andrew Metcalfe^{1,3}, Pedro Foguet¹, Richard King¹ **Vatsal Gupta**
- 09:31 (85) **Noise Evaluation of Arthroplasty Theatres: results from the NEAT study**
Jonathan S Palmer, Hossam Fraig, Christopher Wilson, Simon Garrett **Hossam Fraig**
- 09:38 (101) **Total hip arthroplasty in Cambodia – Our experience of two hundred and fifty six consecutive total hip arthroplasties in a low-income country & the challenge of service delivery in this setting.**
James Shelton^{1,2}, Sara Dorman², Jim Gollogly² **James Shelton**
- 09:45 (112) **The SLIM Study: Economic, Energy, and Waste Savings through Lowering of Instrumentation Mass in Total Hip Arthroplasty.**
Andrew Adamczyk, Hamid Nettek, Paul Kim, Robert Feibel, Niall McGoldrick, Paul Beaulé, George Grammatopoulos **Andrew Adamczyk**
- 09:52 (78) **The Results: NIHR Feasibility RCT: Acetabular Fractures in older patients Intervention Trial (AceFIT: ISRCTN16739011) - A feasibility study comparing three methods of treatment of acetabular fractures in older patients; surgical fixation versus surgical fixation and simultaneous hip replacement versus non-surgical treatment.**
Andrew Carrothers¹, Joseph Alsousou¹, Daud Chou¹, Jaikirty Rawal¹, Joseph Queally², Peter Hull¹ **Andrew Carrothers**

10:05 – 10:20 C O F F E E B R E A K



10:20 – 11:35 **TOPIC IN FOCUS V:
REVISION AND COMPLEX SURGERY NETWORKS** **Chairs:
Tim Board (Wrightington)
Andrew Hamer (Sheffield)**

10:20 – 10:35 Overview of project **Andrew Hamer
(Sheffield)**

10:35 – 10:50 Development of the Revision Hip Complexity
Classification **Tim Board
(Wrightington)**

10:50 – 11:05 Analysis of revision hip numbers in the UK **Richard Holleyman
(Newcastle)**

11:05 – 11:20 Revision Hip Networks; Perspective from GIRFT **Professor Tim Briggs
(Stanmore)**

11:20 – 11:35 Panel discussion

11:35 – 11:40 **C O M F O R T B R E A K**

11:40 – 13:00 **TOPIC IN FOCUS VI:
MANAGEMENT OF METASTASES AROUND THE HIP** **Chairs:
Robert Ashford (Leicester)
Jonathan Howell (Exeter)**

11:40 – 11:50 Introduction / clinical cases **Robert Ashford
(Leicester)**

11:50 – 12:02 The Size and Nature of the Problem **Robert Ashford
(Leicester)**

12:03 – 12:15 Metastatic Disease of the Acetabulum **Duncan Whitwell
(Oxford)**

12:16 – 12:28 Metastatic Disease of the Proximal Femur: Who Needs
an EPR and Who Doesn't ? **Jonathan Stevenson
(Birmingham)**

12:29 – 12:41 Implications of Targeted Therapies on Orthopaedic
Management **Karen Shepherd
(Oswestry)**

12:45 – 13:00 Discussion

13:00 – 13:30 **PRESENTATION OF PRIZES AND PRESIDENT'S
REMARKS.** **Andrew Hamer
President, BHS**