

4TH EDITION OF
GLOBAL CONFERENCE ON
**PHYSICAL MEDICINE
AND REHABILITATION**
— AND —
4TH EDITION OF WORLD
**ORTHOPEDICS
CONFERENCE**

24 **25** **26**
SEPTEMBER, 2026 | LONDON, UK

IN-PERSON:

Delta Hotels Heathrow Windsor
Ditton Rd, Langley, Slough SL3 8PT,
United Kingdom

VIRTUAL:

British Summer Time (BST)

**THURSDAY
SEPTEMBER 24
2026**

DAY 01 | IN-PERSON @BUCKINGHAM

08:00-08:50	Registrations
08:50-09:00	Opening Ceremony and Introduction
09:00-11:00	Keynote Sessions
11:00-11:20	Coffee Break
11:20-12:00	Keynote Session
12:00-13:00	Oral Sessions
13:00-14:00	Lunch Break
14:00-16:20	Oral Sessions
16:20-16:40	Coffee Break
16:40-19:20	Oral Sessions

DAY 01 | VIRTUAL @ZOOM MEETING

08:30-09:00	AV Check
09:00-10:20	Keynote Sessions
10:20-11:00	Poster Sessions
11:00-18:00	Oral Sessions
18:00-18:40	Keynote Session

**FRIDAY
SEPTEMBER 25
2026**

DAY 02 | IN-PERSON @BUCKINGHAM

08:50-09:00	Opening Remarks
09:00-11:00	Keynote Sessions
11:00-11:30	Coffee Break
11:30-12:50	Keynote Sessions
12:50-14:00	Lunch Break
14:00-16:20	Oral Sessions
16:20-16:40	Coffee Break
16:20-16:40	Poster Sessions
16:40-19:40	Oral Sessions

DAY 02 | VIRTUAL @ZOOM MEETING

08:30-09:00	AV Check
09:00-10:20	Keynote Sessions
10:20-17:00	Oral Sessions
17:00-17:50	Poster Sessions
17:50-19:50	Keynote Sessions

**SATURDAY
SEPTEMBER 26
2026**

DAY 03 | IN-PERSON @BUCKINGHAM

08:50-09:00	Opening Remarks
09:00-11:00	Keynote Sessions
11:00-11:20	Coffee Break
11:20-12:00	Keynote Session
12:00-13:00	Oral Sessions
13:00-14:00	Lunch Break
14:00-16:20	Oral Sessions
16:20-16:40	Coffee Break
16:40-20:20	Oral Sessions

DAY 03 | VIRTUAL @ZOOM MEETING

08:30-09:00	AV Check
09:00-10:20	Keynote Sessions
10:20-17:00	Oral Sessions

Important Note

The conference follows British Summer Time (BST) for both In-Person and Virtual sessions.

When the program refers to Local Timings, it means the time mentioned is in the time zone of the presenter's country.

In-Person presentations will take place in the **Buckingham Meeting Hall** @Delta Hotels Heathrow Windsor and Virtual presentations will take place on Zoom Meetings.

Please remain accessible in the hall or on Zoom throughout the day as there may be minor program adjustments due to technical issues or presenter no-shows.

Keynote Speakers



Ali Al Kaissi

National Ilizarov Medical Research Center for
Traumatology and Orthopaedics,
Russian Federation



Bernd Blobel

University of Regensburg, Germany



Chris Wainwright

Mater Private Hospital Mackay, Australia



Diana Hodgins

Dynamic Metrics Ltd, United Kingdom



Dimitrios Giotikas

PHG Weymouth Street Hospital,
United Kingdom



David John Wortley

World Lifestyle Medicine Education Services,
United Kingdom



Elizabeta Popova Ramova

MIT University, Republic of North Macedonia



Jay Spector

American Academy of Podiatric Sports
Medicine (AAPSM), United States



Joanne Donoghue

New York Institute of Technology College of
Osteopathic Medicine, United States



Kenneth R Pelletier

University of California School of Medicine,
United States



Marcia J Scherer

Institute for Matching Person and
Technology, United States



Matthew B Werd

American Academy of Podiatric Sports
Medicine (AAPSM), United States

Keynote Speakers



Pradeep Deshpande

Hull University Teaching Hospitals,
United Kingdom



Ron Blehm

EEL Physio LLC, United States



Ricky Rasschaert

AZ Rivierenland, Belgium



Rachid El Khoury

Saint Joseph University, Lebanon



Subramanya Adiga

Middlemore Hospital, New Zealand



Sergey Suchkov

N.D. Zelinskii Institute for Organic Chemistry
of the Russian Academy of Sciences &
InMedStar, Russian Federation



Wagih El Masri

Keele University, United Kingdom



Youssef Masharawi

Tel Aviv University, Israel



Zhenhuan Liu

Guangzhou University of Chinese Medicine,
China

BRITISH SUMMER TIME (BST)

08:00-08:50	Registrations
08:50-09:00	Opening Ceremony and Introduction

Moderators:

Ranusha Ganapathy, Mersey and West Lancashire NHS Trust, United Kingdom
Tamara Lababneh, Keele University, United Kingdom

Chairs:

Jay Spector, American Academy of Podiatric Sports Medicine (AAPSM), United States
Diana Hodgins, Dynamic Metrics Ltd, United Kingdom
Matthew B Werd, American Academy of Podiatric Sports Medicine (AAPSM), United States

09:00-09:40

Keynote Session

Jay Spector, American Academy of Podiatric Sports Medicine (AAPSM), United States

Title: Treatment of medial tibial stress syndrome (shin splints): What is the evidence-based medical treatment

09:40-10:20

Keynote Session

Matthew B Werd, American Academy of Podiatric Sports Medicine (AAPSM), United States

Title: Sports medicine care of the foot and ankle: Now and into the future

10:20-11:00

Keynote Session

Diana Hodgins, Dynamic Metrics Ltd, United Kingdom

Title: The use of technology to help people improve their mobility by focusing on gait kinematics, with a focus on the older population

11:00-11:20

Coffee Break @Foyer | Group Photo

11:20-12:00

Keynote Session

Youssef Masharawi, Tel Aviv University, Israel

Title: The shape evolution of the human thoracic cage from birth to adulthood: Characterization and acceleration

12:00-12:20

Oral Session

Matthew B Werd, American Academy of Podiatric Sports Medicine (AAPSM), United States

Title: Athletic footwear and orthoses in sports medicine

12:20-12:40

Oral Session

Dario Riva, International Society of Proprioception and Posture (ISPP), Italy

Title: The proprioceptive shield: How optimized subcortical proprioceptive control frees the prefrontal cortex for higher executive functions — Applications in physical medicine, injury prevention and peak performance

12:40-13:00

Oral Session

Hans-Joachim Riesner, German Armed Hospital Ulm, Germany

Title: Biomechanical comparison of triangular osteosynthesis and triangular minimally invasive spinopelvic stabilization technique for pelvic fragility fractures

13:00-14:00

Lunch Break @Restaurant

14:00-14:40

Oral Session

Srdjan Andjelkov, Manual Physical Therapy Clinic, Serbia

Title: Orthopaedic manual therapy for Temporomandibular Disorders (TMD): Integrating osteopathic techniques with physiotherapy

14:40-15:00

Oral Session

Ranusha Ganapathy, Mersey and West Lancashire NHS Trust, United Kingdom

Title: Mid-term functional outcomes following LockDown™ ligament reconstruction for Rockwood type III Acromioclavicular Joint (ACJ) disruption

15:00-15:20

Oral Session

Soniya, Barking, Havering and Redbridge University Hospitals NHS Trust (BHRUT), United Kingdom

Title: The silent fracture crisis: Secondary prevention following upper limb fragility fractures

15:20-15:40

Oral Session

Amar Sidhu, Northampton General Hospital, United Kingdom

Title: Hands-on to heal: A scoping review of the effectiveness of workshops in orthopaedic surgical training

15:40-16:00

Oral Session

Tamara Lababneh, Keele University, United KingdomTitle: How well does prehabilitation preserve pre-surgery cardiorespiratory fitness for lung cancer patients?
Systematic review and meta-analysis

16:00-16:20

Oral Session

Ketan Karabhai Parmar, Aayush Multispecialty Hospital, India

Title: Bipolar hemiarthroplasty under local anesthesia (2%)

16:20-16:40

Coffee Break @Foyer

16:40-17:00

Oral Session

Ranusha Ganapathy, Mersey and West Lancashire NHS Trust, United Kingdom

Title: Implementation of an Enhanced Recovery After Surgery (ERAS) pathway for primary hip and knee arthroplasty

17:00-17:20

Oral Session

Mick Nagra, University of Calgary, Canada
Dylan Nagra, University of Calgary, Canada

Title: Artificial Turf vs. natural grass: A comparative analysis of ankle injury risk in soccer players

17:20-17:40

Oral Session

Vijay Sharma, Jai Prakash Narayan Apex Trauma Centre (JPNATC), India

Title: Effectiveness of yoga therapy in improving quality of life after hip fracture in older adults: A randomized controlled trial

17:40-18:00

Oral Session

Mohamed Komber, Lancashire Teaching Hospitals NHS Trust, United Kingdom

Title: QIP driving advice in stroke patients

18:00-18:20

Oral Session

Amar Sidhu, Northampton General Hospital, United Kingdom

Title: A comparative analysis of financial tariff coding accuracy between non-clinical coders and orthopaedic surgeons in a large district hospital: A prospective controlled study

18:20-18:40

Oral Session

Soniya, Barking, Havering and Redbridge University Hospitals NHS Trust (BHRUT), United Kingdom

Title: Improving time to theatre: Reducing avoidable cancellations and delays to surgery in trauma - A quality improvement project

18:40-19:00

Oral Session

Mohamed Komber, Lancashire Teaching Hospitals NHS Trust, United Kingdom

Title: Impact of timing surgical fixation on complications and functional outcomes in ankle fractures

19:00-19:20

Oral Session

Sara Aziz Elsayed, Sara Care Clinic for Physical Therapy and Clinical Nutrition, Egypt

Title: Obesity as a state of impaired energy accessibility rather than energy excess: A physiotherapy-led hypothesis supported by preliminary clinical findings

End of Day 01 In-person Sessions

British Summer Time (BST)

08:30-09:00

AV Check

Moderator:**Amr Mohamed Foad Mohamed**, West Hertfordshire Teaching Hospitals NHS Trust, United Kingdom

BRITISH SUMMER TIME (BST)

PRESENTER'S LOCAL
COUNTRY TIME

09:00-09:40

09:00-09:40

Keynote Session

Wagih El Masri, Keele University, United Kingdom

Title: Acute traumatic spinal injuries – Outcomes based evidence of the holistic active physiological conservative management of the injury and its neurological effects

09:40-10:20

11:40-12:20

Keynote Session

Rachid El Khoury, Saint Joseph University, Lebanon

Title: Why do chronic pain patients suffer

10:20-10:30

17:20-17:30

Poster Session

Zou Shihua, Chongqing University Three Gorges Hospital, China

Title: Feasibility of medial parapatellar approach in unicompartmental knee arthroplasty for moderate to severe varus deformity

10:30-10:40

11:30-11:40

Poster Session

Maxime Schilliger, Geneva University Hospitals (HUG), Switzerland

Title: How should bacteriological sampling be stratified in paediatric septic arthritis? A narrative review

10:40-10:50

10:40-10:50

Poster Session

Rachel Wallace, Swansea Bay University Health Board, United Kingdom

Title: Management and outcomes of paediatric lower limb open fractures across two tertiary centres over a 13-year period

10:50-11:00

10:50-11:00

Poster Session

Nihal Allauddin Basha, East Suffolk and North Essex NHS Foundation Trust, United Kingdom

Title: Adherence to BOAST guidelines on early management of the paediatric forearm fracture – lessons to learn for a digital future

BRITISH SUMMER TIME (BST)

PRESENTER'S LOCAL
COUNTRY TIME

11:00-11:20

19:00-19:20

Oral Session

Ki Ji Lee, Pusan National University, Republic of Korea

Title: New Treatment of muscle contracture and joint contracture through muscle regeneration with mitochondrial dynamics

11:20-11:40

19:20-19:40

Oral Session

Ki Ji Lee, Pusan National University, Republic of Korea

Title: Muscle imbalance effects on musculoskeletal injuries (sports injuries), and new treatment through muscle regeneration by activation of quiescent muscle stem cells

11:40-12:00

11:40-12:00

Oral Session

Daisy Theakston, University of Cambridge, United Kingdom

Title: 3D CT analysis and software-assisted pre-operative planning of tunnel position in revision ACL reconstruction

12:00-12:20

12:00-12:20

Oral Session

Gaurav Jha, University Hospitals of Leicester NHS Trust, United Kingdom

Title: WALANT for cubital tunnel syndrome: A systematic review and meta-analysis of safety and clinical outcomes

12:20-12:40

12:20-12:40

Oral Session

Gaurav Jha, University Hospitals of Leicester NHS Trust, United Kingdom

Title: Vitamin D status and supplementation in orthopaedic trauma: A systematic review and meta-analysis of fracture union, infection, and functional outcomes

12:40-13:00

12:40-13:00

Oral Session

Rahim Hussain, Kettering General Hospital, United Kingdom

Title: The association between pre-operative albumin levels and post-operative outcomes in neck of femur fracture surgery: A single-centre retrospective study

13:00-13:20

13:00-13:20

Oral Session

Tomas Poliacik, The Countess of Chester Hospital NHS Foundation Trust, United Kingdom

Title: Outcomes of tibial plateau fracture fixation using a posteromedial (Lobenhoffer) approach: A single-surgeon case series of 20 patients

BRITISH SUMMER TIME (BST)

PRESENTER'S LOCAL
COUNTRY TIME

13:20-13:40

13:20-13:40

Oral Session

Tomas Poliacik, The Countess of Chester Hospital NHS Foundation Trust, United Kingdom

Title: Social deprivation and mortality after primary hip and knee arthroplasty: Implications for inequalities in elective orthopaedic care

13:40-14:00

13:40-14:00

Oral Session

Rahim Hussain, Kettering General Hospital, United Kingdom

Title: Is thromboprophylaxis appropriately prescribed in patients immobilised after lower limb injury – An audit based on national guidelines

14:00-14:20

14:00-14:20

Oral Session

Rahim Hussain, Kettering General Hospital, United Kingdom

Title: One-stage surgical outcomes for bilateral developmental dysplasia of the hip in walking children: A retrospective case series study from the post-war era in a tertiary care hospital at Kabul, Afghanistan

14:20-14:40

14:20-14:40

Oral Session

Mohammad Khriesat, University Hospitals Plymouth NHS, United Kingdom

Title: Discontinuation and nonpublication of osteosarcoma clinical trials: A cross-sectional analysis of clinicaltrials.gov data

14:40-15:00

14:40-15:00

Oral Session

Mohammad Khriesat, University Hospitals Plymouth NHS, United Kingdom

Title: Research waste in Ewing sarcoma: Predictors of clinical trial discontinuation and nonpublication

15:00-15:20

15:00-15:20

Oral Session

Amr Mohamed Foad Mohamed, West Hertfordshire Teaching Hospitals NHS Trust, United Kingdom

Title: Potential referral pathway for suspected Cauda Equina Syndrome (CES)

15:20-15:40

15:20-15:40

Oral Session

Amr Mohamed Foad Mohamed, West Hertfordshire Teaching Hospitals NHS Trust, United Kingdom

Title: Total Knee Replacement (TKR): Audit of readmissions within 30 days

BRITISH SUMMER TIME (BST)

PRESENTER'S LOCAL
COUNTRY TIME

15:40-16:00

15:40-16:00

Oral Session

Amr Mohamed Foad Mohamed, West Hertfordshire Teaching Hospitals NHS Trust, United Kingdom

Title: Second loop of the Neck of Femur (NOF) operation notes Audit

16:00-16:20

16:00-16:20

Oral Session

Shajee ud Din, Maidstone & Tunbridge Wells NHS Trust, United Kingdom

Title: Kinematic alignment versus mechanical alignment in Total Knee Arthroplasty (TKA): A systematic review of mid-term functional outcomes

16:20-16:40

11:20-11:40

Oral Session

Ady Correa, University of Miami, United States

Title: Rehabilitation in head and neck cancer

16:40-17:00

11:40-12:00

Oral Session

Joseph Salem-Hernández, Ponce Health Sciences University, Puerto Rico

Title: Beyond the growth plate: Orthobiologic therapies in the developing and mature skeleton

17:00-17:20

12:00-12:20

Oral Session

Joseph Salem-Hernández, Ponce Health Sciences University, Puerto Rico

Title: Reframing MRI of the pediatric knee: Evidence-based indications, diagnostic pitfalls, and emerging imaging biomarkers

17:20-17:40

12:20-12:40

Oral Session

Joseph Salem-Hernández, Ponce Health Sciences University, Puerto Rico

Title: Vitamin D and the healing bone: Metabolic underpinnings of pediatric fracture repair

17:40-18:00

17:40-18:00

Oral Session

Ummaz Nadeem, Stockport NHS Foundation Trust, United Kingdom

Title: Compliance with the BOAST Guidance in the management of distal radius fractures: A single-centre audit

VIRTUAL

DAY 01 @ZOOM MEETING

September 24, Thursday

BRITISH SUMMER TIME (BST)

PRESENTER'S LOCAL
COUNTRY TIME

18:00-18:40

13:00-13:40

Keynote Session

**Joanne Donoghue, New York Institute of Technology College of Osteopathic Medicine,
United States**

Title: From question to publication: A live AI workflow for evidence review, study design, and grant matching

End of Day 01

BRITISH SUMMER TIME (BST)

08:50–09:00 Opening Remarks

Moderators:

Natalia Bareikis, School of Presence Ltd, United Kingdom
Eleanor Boden, University Hospitals Dorset NHS Foundation Trust, United Kingdom

Chairs:

Diana Hodgins, Dynamic Metrics Ltd, United Kingdom
Ricky Rasschaert, AZ Rivierenland, Belgium
Dimitrios Giotikas, PHG Weymouth Street Hospital, United Kingdom

09:00–09:40

Keynote Session

Youssef Masharawi, Tel Aviv University, Israel

Title: Is pregnancy a major risk factor for musculoskeletal pain: A cross-sectional study

09:40–10:20

Keynote Session

Pradeep Deshpande, Hull University Teaching Hospitals, United Kingdom

Title: Sustainability and modern healthcare: How to influence global climate change through health initiatives

10:20–11:00

Keynote Session

Diana Hodgins, Dynamic Metrics Ltd, United Kingdom

Title: Why rehabilitation following Total Joint Arthroplasty (TJA) should include a gait kinematic assessment and gait retraining

11:00–11:30

Coffee Break @Foyer

11:30–12:10

Keynote Session

Ricky Rasschaert, AZ Rivierenland, Belgium

Title: The coincidence between spinal perineural cysts, increased intracranial pressure and the appearance of small fiber neuropathy

12:10–12:50

Keynote Session

Dimitrios Giotikas, PHG Weymouth Street Hospital, United Kingdom

Title: How success looks like in distraction osteogenesis for cosmetic stature increase

12:50-14:00

Lunch Break @Restaurant

14:00-14:20

Oral Session

Kentaro Sato, Department of Orthopaedic Surgery, St. Marianna University School of Medicine, Japan

Title: Admission predictors of intraoperative blood loss in pelvic ring fractures: Comparison of statistical and clinically oriented models

14:20-14:40

Oral Session

Manoj Kumar, George Eliot Hospital, United Kingdom

Title: Association of the malnutrition universal screening tool and ASA classification with 30-day and 1-year mortality after hip fracture: An observational cohort study

14:40-15:00

Oral Session

Owen Morris, Wrexham Maelor Hospital, United Kingdom

Title: Open excision of the Anterior Process of the Calcaneus (APC) for Degan classification type II fracture non-union: A retrospective analysis of Patient-Reported Outcomes (PRO)

15:00-15:20

Oral Session

Yana Edelstein, MetaMind Consulting, United Kingdom

Title: A hypothesis on the neurophysiological and neuroendocrine mechanisms underlying fundamental psychophysiological needs

15:20-15:40

Oral Session

Bhavit Dhokia, Queen Mary University of London, United Kingdom

Title: Is garment-integrated blood flow restriction training feasible and safe? A study in healthy adults

15:40-16:20

Oral Session

Ashot Khachatryan, National Academy of Sciences of the Republic of Armenia, New Hydrogen Technologies RPC, Armenia

Title: Hydrogen medicine: An innovative modality for enhancing recovery and functional outcomes in physical medicine and rehabilitation

16:20-16:40

Coffee Break @Foyer

16:40-17:00

Oral Session

Manoj Kumar, George Eliot Hospital, United Kingdom

Title: Management and outcomes of spontaneous osteonecrosis / subchondral insufficiency fracture of the knee: A systematic review and limited meta-analysis

17:00-17:20

Oral Session

Benjamin White, Wirral University Teaching Hospital NHS Foundation Trust, United Kingdom

Title: Evaluating the Cambridge Knee Injury Tool (CamKIT) for triage of soft tissue knee injury referrals to fracture clinic

17:20-17:40

Oral Session

Natalia Bareikis, School of Presence Ltd, United Kingdom

Title: Temporal dynamics of brain activity during the PRISM™ method: A quantitative EEG study

17:40-18:00

Oral Session

Muhaned El-Gheryani, Liverpool University Hospitals NHS Foundation Trust, United Kingdom

Title: Who fixes rib fractures in the UK? Insight from a national cross-sectional study

18:00-18:20

Oral Session

Owen Morris, Wrexham Maelor Hospital, United Kingdom

Title: The impact of draping technique on radiation exposure during dynamic hip screw fixation for hip fractures

18:20-18:40

Oral Session

Eleanor Boden, University Hospitals Dorset NHS Foundation Trust, United Kingdom

Title: Tension band suture fixation for olecranon fractures: Intra operative decision making in comminuted fractures

18:40-19:00

Oral Session

Benjamin White, Wirral University Teaching Hospital NHS Foundation Trust, United Kingdom

Title: Improving documentation and communication of bone health plans following neck of femur fracture: A closed-loop audit at a UK district general hospital

19:00–19:20

Oral Session

Muhaned El-Gheryani, Liverpool University Hospitals NHS Foundation Trust, United Kingdom

Title: Outcome of hindfoot fusion using hindfoot nailing with supplemental lateral plate via transfibular approach for complex deformities with poor bone stock

19:20–19:40

Oral Session

Mohammed Jameel, East Lancashire Hospitals NHS Trust, United Kingdom

Title: Modifiable lifestyle and occupational risk factors associated with Dupuytren's disease: A systematic review and meta-analysis

PP1

Poster Sessions (16:20–16:40)

Mustafa Al Saedi, University of Washington School of Medicine, United States

Title: Preoperative GLP-1 receptor agonist use on postoperative complications in adults with Type 2 Diabetes Mellitus (T2DM) undergoing operative ankle fracture repair: A systematic review

PP2

Mustafa Al Saedi, University of Washington School of Medicine, United States

Title: Optimizing hip fracture surgery outcomes in geriatric patients with cognitive decline

PP3

Zhang Jun, The Affiliated Hospital of Xuzhou Medical University, China

Title: Clinical outcomes of soft-tissue stabilization combined with Medial Patellofemoral Ligament (MPFL) reconstruction for recurrent patellar dislocation in children: A retrospective cohort study

PP4

Mohamed Medaouar, Army Central Hospital, Algeria

Title: Characteristics of the management of spastic foot in adult vascular hemiplegic patients: About 102 cases

End of Day 02 In-person Sessions

British Summer Time (BST)

08:30-09:00

AV Check

Moderator:**Rabeeia Parwez**, Basildon University Hospital, United Kingdom

BRITISH SUMMER TIME (BST)

PRESENTER'S LOCAL
COUNTRY TIME

09:00-09:40

20:00-20:40

Keynote Session

Subramanya Adiga, Middlemore Hospital, New Zealand

Title: Acute nerve compression syndromes in the retroperitoneum

09:40-10:20

16:40-17:20

Keynote Session

Zhenhuan Liu, Guangzhou University of Chinese Medicine, China

Title: Music therapy combined with acupuncture therapy for children with autism spectrum disorder

10:20-10:40

19:20-19:40

Oral Session

Nicola Burgess, University of Melbourne and Austin Health, Australia

Title: "Prehab should adapt to the person, not the other way around": A qualitative study exploring stakeholder perceptions of prehabilitation for total hip and knee arthroplasty

10:40-11:00

19:40-20:00

Oral Session

Nicola Burgess, University of Melbourne and Austin Health, Australia

Title: Outcome measures in prehabilitation interventions for total hip and knee arthroplasty: A scoping review

11:00-11:20

20:00-20:20

Oral Session

Chanelle Olivier, Enable Lifecare, Australia

Title: Beyond the mattress: Improving real-life outcomes through smarter support surface selection

11:20-11:40

19:20-19:40

Oral Session

Shin Takasawa, Nara Medical University, Japan

Title: Molecular mechanisms of cardiovascular complications in intermittent hypoxia

BRITISH SUMMER TIME (BST)

PRESENTER'S LOCAL
COUNTRY TIME

11:40-12:00

11:40-12:00

Oral Session

Salim Hirani, Ysbyty Gwynedd Hospital, United Kingdom

Title: Refine Carpal Tunnel Syndrome (CTS) nerve conduction grading tool with case presentation

12:00-12:20

12:00-12:20

Oral Session

Salim Hirani, Ysbyty Gwynedd Hospital, United Kingdom

Title: Neurophysiological grading tool of Ulnar Nerve Entrapment Across the Elbow (UNEAE) and Ulnar Nerve Entrapment Across the Wrist (UNEAW) with case presentation

12:20-12:40

12:20-12:40

Oral Session

Chelsea Batty, Wrexham University, United Kingdom

Title: Exercise rehabilitation in Plasma Cell Leukaemia (PCL): A case study in oncology care

12:40-13:00

12:40-13:00

Oral Session

Lewis Davidson, NHS Scotland, United Kingdom

Title: A comparison of the radiation exposure and total exposure time between conventional C-Arm and mini C-Arm in wrist and ankle fractures

13:00-13:20

13:00-13:20

Oral Session

**Alena Shcherban, MetaMind Consulting, United Kingdom
Valeriia Makarova, MetaMind Consulting, United Kingdom**

Title: Neuroendocrine dynamics during QUINTESENCE Method: Implications for emotional stabilization, mental health, and rehabilitation

13:20-13:40

15:20-15:40

Oral Session

Olena Bakai, International Yoga Therapy Center "Sense", Ukraine

Title: Autonomic regulation through structured yoga intervention in post-COVID anxiety

13:40-14:00

13:40-14:00

Oral Session

Daria Oseledets, MetaMind Consulting, United Kingdom

Title: Quantitative EEG assessment of neurophysiological changes induced by the trios therapeutic practice

BRITISH SUMMER TIME (BST)

PRESENTER'S LOCAL
COUNTRY TIME

14:00-14:20

14:00-14:20

Oral Session

Sanjana Relwani, Maidstone and Tunbridge Wells NHS Trust, United Kingdom

Title: The changing face of elective arthroplasty: Day case by default at a new GIRFT-accredited regional elective orthopaedic hub

14:20-14:40

14:20-14:40

Oral Session

Sanjana Relwani, Maidstone and Tunbridge Wells NHS Trust, United Kingdom

Title: Doing more with the same: High-intensity hip arthroplasty lists at a ring-fenced elective orthopaedic centre

14:40-15:00

14:40-15:00

Oral Session

Sana Jaan, Leeds Teaching Hospital, United Kingdom

Title: Improving post-operative length of stay following adolescent idiopathic scoliosis surgery through standardisation of ERAS protocol: A closed-loop audit

15:00-15:20

15:00-15:20

Oral Session

Sana Jaan, Leeds Teaching Hospital, United Kingdom

Title: Prone positioning using longitudinal bolsters alone in paediatric spinal deformity surgery with pectus carinatum: A case series and literature review

15:20-15:40

15:20-15:40

Oral Session

Rabeeia Parwez, Basildon University Hospital, United Kingdom

Title: The integration of AI algorithms for autonomous decision-making during orthopaedic surgery

15:40-16:00

15:40-16:00

Oral Session

Rabeeia Parwez, Basildon University Hospital, United Kingdom

Title: Three-dimensional printing in orthopaedic surgery: A scoping review of technological innovations, clinical applications, cost-effectiveness, and regulatory challenges (2015-2025)

16:00-16:20

16:00-16:20

Oral Session

Shanen Emmanuel, Royal Berkshire Hospital, United Kingdom

Title: A clinical audit of compliance with BOAST standards for post-operative weight-bearing documentation in hip fracture patients

BRITISH SUMMER TIME (BST)

PRESENTER'S LOCAL
COUNTRY TIME

16:20-16:40

16:20-16:40

Oral Session

Shanen Emmanuel, Royal Berkshire Hospital, United Kingdom

Title: Compliance with venous thromboembolism risk assessment in trauma and orthopaedic inpatients: A clinical audit

16:40-17:00

16:40-17:00

Oral Session

Michael Davies, Sheffield Teaching Hospitals, United Kingdom

Title: Learning disabilities and hip fractures: Are we getting it right? Experience from a major trauma centre

17:00-17:10

12:00-12:10

Poster Session

Ashvika Bandaru, UCF College of Medicine, United States

Title: Retrospective analysis of ultrasound-guided stellate ganglion blocks for CRPS

17:10-17:20

11:10-11:20

Poster Session

Amanda C. Wise, Creighton University, United States

Title: A scoping review of skilled aquatic interventions for improving upper extremity function in those with adult-onset neurological conditions—implications for aquatic therapy as part of a holistic rehabilitation approach

17:20-17:30

12:20-12:30

Poster Session

Lisa A. Chase, University of St. Augustine for Health Sciences, United States

Title: Physical self perceptions and activity involvement in the older population: Motivation toward an improved quality of life

17:30-17:40

12:30-12:40

Poster Session

James Jowdy, Eastern Virginia Medical School at Old Dominion University, United States

Title: Progressive myelopathy in a 51-year-old female due to cervical spondylosis

17:40-17:50

13:40-13:50

Poster Session

Catarina Chati, Sao Leopoldo Mandic College, Brazil

Title: Association between eccentric knee flexor–extensor performance and knee proprioception in para-athlete runners with cerebral palsy

BRITISH SUMMER TIME (BST)

PRESENTER'S LOCAL
COUNTRY TIME

17:50-18:30

12:50-13:30

Keynote Session

Ron Blehm, EEI Physio LLC, United States

Title: A forgotten component of knee osteoarthritis

18:30-19:10

13:30-14:10

Keynote Session

Marcia J Scherer, Institute for Matching Person and Technology, United States

Title: Evolving trends in assistive technology use

19:10-19:50

11:10-11:50

Keynote Session

Kenneth R Pelletier, University of California School of Medicine, United States

Title: Change your genes – Change your life: Epigenetics of longevity

End of Day 02

BRITISH SUMMER TIME (BST)

08:50–09:00 Opening Remarks

Moderators:

Carlos Maria Flores Argerich, Mersey and West Lancashire NHS FT, United Kingdom
Gustavo Nolasco Santarem, Estacio de Sa University / IDOMED, Brazil

Chairs:

Ali Al Kaissi, National Ilizarov Medical Research Center for Traumatology and Orthopaedics, Russian Federation
Chris Wainwright, Mater Private Hospital Mackay, Australia
Sergey Suchkov, N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences & InMedStar, Russian Federation

09:00–09:40

Keynote Session

Ali Al Kaissi, National Ilizarov Medical Research Center for Traumatology and Orthopaedics, Russian Federation

Title: The tomographic phenotype and the genotype of Wormian bones

09:40–10:20

Keynote Session

Chris Wainwright, Mater Private Hospital Mackay, Australia

Title: Is my non-operative practice ok? – An audit tool for surgical patients

10:20–11:00

Keynote Session

David John Wortley, World Lifestyle Medicine Education Services, United Kingdom

Title: Wearables and health - The human machine manual

11:00–11:20

Coffee Break @Foyer

11:20–12:00

Keynote Session

Sergey Suchkov, N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences & InMedStar, Russian Federation

Title: Personalized and Precision Medicine (PPM) as a unique healthcare model through biodesign inspired & biotech driven translational applications and upgraded business marketing to secure the human healthcare and biosafety

12:00-12:20

Oral Session

Miguel Francisco Carratala Gomez, Hospital Vithas Alicante, Spain

Title: What's going on in Spain with the direct anterior approach? General trends and our own experience

12:20-12:40

Oral Session

Raven Joseph, Cwm Taf Morgannwg University Health Board, United Kingdom

Title: Combined partial knee arthroplasty versus Total Knee Arthroplasty (TKA): A systematic review and meta-analysis of randomised control trials

12:40-13:00

Oral Session

Olisemeka Chukwudifu Eboka, Imperial College Healthcare NHS Trust, United Kingdom

Title: Imaging adherence in shoulder dislocation: Evaluating compliance with rotator cuff tear guidelines in the NHS

13:00-14:00

Lunch Break @Restaurant

14:00-14:20

Oral Session

Chandler Durbidge, Queen Elizabeth Hospital King's Lynn, United Kingdom

Title: MRI before x-ray? The limited impact of pre-referral MRI-detected meniscal pathology on orthopaedic management

14:20-14:40

Oral Session

Nihal Sogandji, University of Cambridge, United Kingdom

Title: Non-compliance or clinical prioritisation? An audit of timing of surgical fixation for NOFs in young patients and the impact of polytrauma cases

14:40-15:00

Oral Session

Carlos Maria Flores Argerich, Mersey and West Lancashire NHS FT, United Kingdom

Title: Day-case shoulder arthroplasty: Potential for improved efficiency and cost reduction in an NHS elective cohort

15:00-15:20

Oral Session

Olisemeka Chukwudifu Eboka, Imperial College Healthcare NHS Trust, United Kingdom

Title: Osteoporosis as a silent driver of fragility fractures: A narrative review of risk factors, management, and health system gaps in Nigeria with comparative insights from the United Kingdom

15:20-15:40

Oral Session

Soniya, Barking, Havering and Redbridge University Hospitals NHS Trust (BHRUT), United Kingdom

Title: Improving weight bearing status documentation after orthopaedic surgery: A closed-loop audit against BOAST 2024

15:40-16:00

Oral Session

Raven Joseph, Cwm Taf Morgannwg University Health Board, United Kingdom

Title: Virtual Fracture Clinics (VFCs) management of adult clavicle fractures: A retrospective observational study with implications for direct discharge protocols

16:00-16:20

Oral Session

Gustavo Nolasco Santarem, Estacio de Sa University / IDOMED, Brazil

Title: Efficacy of the modified Lemaire technique combined with Anterior Cruciate Ligament (ACL) Reconstruction: A comparative analysis with isolated arthroscopic reconstruction

16:20-16:40

Coffee Break @Foyer

16:40-17:00

Oral Session

Carlos Maria Flores Argerich, Mersey and West Lancashire NHS FT, United Kingdom

Title: Functional outcomes following syndesmotic fixation: Comparison of tightropes, screws and break-away screws in syndesmotic repairs

17:00-17:20

Oral Session

Mohamed Komber, Lancashire Teaching Hospitals NHS Trust, United Kingdom

Title: The impact of the 2023 ST3 national selection criteria change on SHO operative exposure and training culture in Neck of Femur (NOF) fracture surgery

17:20-17:40

Oral Session

Lewis Turmeau, Wirral University Teaching Hospital NHS Foundation Trust, United Kingdom

Title: Cost-effectiveness of endoscopic versus open carpal tunnel release: A scoping review

17:40-18:00

Oral Session

Nihal Sogandji, University of Cambridge, United Kingdom

Title: Exercise-based therapies provide the most consistent benefits for upper limb recovery after spinal cord injury: A systematic review

18:00-18:20

Oral Session

Mohamed Komber, Lancashire Teaching Hospitals NHS Trust, United Kingdom

Title: Complication and mortality rates following Neck of Femur (NOF) fracture surgery: Does SHO involvement increase risk?

18:20-18:40

Oral Session

SK Murad Ahmed, Bangladesh Medical University, Bangladesh

Title: Flexion contracture in finger following repair or reconstruction of zone II flexor tendon injury in hand: How we manage it in Bangladesh

18:40-19:00

Oral Session

Soniya, Barking, Havering and Redbridge University Hospitals NHS Trust (BHRUT), United Kingdom

Title: Getting the side right: Consent and pre-operative site marking compliance in trauma & orthopaedics

19:00-19:20

Oral Session

Zara Sharif, University Hospitals of North Midlands NHS Trust, United Kingdom

Title: Clinical outcomes of intra-medullary hindfoot nailing for traumatic ankle fractures: A six year experience from a UK tertiary centre

19:20-19:40

Oral Session

**Mohammad Maaz Azam, George Eliot Hospital, United Kingdom
Rohit Chowdhury, George Eliot Hospital, United Kingdom**

Title: Cognition, mobilisation and surgical timing after hip fracture: Survival and return home

19:40-20:00

Oral Session

Hassan Jouni, Mersey and West Lancashire Teaching Hospitals NHS Trust, United Kingdom

Title: Operative versus nonoperative outcomes: A cohort study on distal biceps tendon rupture

20:00-20:20

Oral Session

Hassan Jouni, Mersey and West Lancashire Teaching Hospitals NHS Trust, United Kingdom

Title: Comparative effectiveness of proximal femoral nail and dynamic hip screw fixation in intertrochanteric femur fractures: A systematic review and meta-analysis

End of Day 03 In-person Sessions

British Summer Time (BST)

08:30-09:00

AV Check

Moderator:**Amrita Sharma, GRDU, India**

BRITISH SUMMER TIME (BST)

PRESENTER'S LOCAL
COUNTRY TIME

09:00-09:40

10:00-10:40

Keynote Session

Elizabeta Popova Ramova, MIT University, Republic of North Macedonia

Title: Protocol for treatment of facial palsy with physical therapy modalities and alternative medicine method

09:40-10:20

10:40-11:20

Keynote Session

Bernd Blobel, University of Regensburg, Germany

Title: Challenges and solutions for designing and managing intelligent, ethical, integrable and interoperable transformed health ecosystems

10:20-10:40

14:50-15:10

Oral Session

Santosh Kumar Mishra, SNDT Women's University (Retired), India

Title: An investigation into Cardiac Rehabilitation (CR) and quality of life

10:40-11:00

15:10-15:30

Oral Session

Santosh Kumar Mishra, SNDT Women's University (Retired), India

Title: Nutritional Therapy (NT) in addressing joint disorders: Overview and way forward

11:00-11:20

15:30-15:50

Oral Session

Rahul Hajare, Sandip University, India

Title: Comparative effects of muscle energy technique, foam rolling and ergon technique on hamstring flexibility: A simplified approach for young individuals in a modern rehabilitation study

11:20-11:40

14:20-14:40

Oral Session

Massimo Piracci, Medcare Orthopedic and Spine Hospital, United Arab Emirates

Title: Synergy of hyaluronic acid scaffold and BMAC in one-step chondral repair

BRITISH SUMMER TIME (BST)

PRESENTER'S LOCAL
COUNTRY TIME

11:40-12:00

14:40-15:00

Oral Session

Massimo Piracci, Medcare Orthopedic and Spine Hospital, United Arab Emirates

Title: Rehabilitation protocols following anterior cruciate ligament reconstruction versus primary repair: A criteria-based approach

12:00-12:20

14:00-14:20

Oral Session

Abdulrahman Alfozan, Ministry of Education, Saudi Arabia

Title: Vibrotactile, thermoregulated, 3D printed smart cast for improved pain management and bone healing

12:20-12:40

12:20-12:40

Oral Session

Nihal Allauddin Basha, East Suffolk and North Essex NHS Foundation Trust, United Kingdom

Title: An orthopaedic surveillance guide for congenital insensitivity to pain

12:40-13:00

12:40-13:00

Oral Session

Abdullah Tahir, University Hospitals of North Midlands NHS Trust, United Kingdom

Title: Torus fractures of the Distal Radius in children: A review of the latest evidence

13:00-13:20

13:00-13:20

Oral Session

Abdullah Tahir, University Hospitals of North Midlands NHS Trust, United Kingdom

Title: Improving orthopaedic ward round documentation using the RCS SHINE Toolkit - A quality improvement project

13:20-13:40

13:20-13:40

Oral Session

Sajid Ali, The Dudley Group NHS Foundation Trust, United Kingdom

Title: Outcomes of non-operatively managed Achilles tendon rupture: A retrospective, single-centre study

13:40-14:00

13:40-14:00

Oral Session

Chi Hoi Lee, Manchester University NHS Foundation Trust, United Kingdom

Title: Efficacy of ultrasound-guided steroid injections in the management of Morton's neuroma: A retrospective cohort study

BRITISH SUMMER TIME (BST)

PRESENTER'S LOCAL
COUNTRY TIME

14:00-14:20

14:00-14:20

Oral Session

Chi Hoi Lee, Manchester University NHS Foundation Trust, United Kingdom

Title: Improving documentation in hip fracture clerking: A quality improvement project

14:20-14:40

14:20-14:40

Oral Session

Khaled Al-Kharouf, Nottingham University Hospitals, United Kingdom

Title: Acute inpatient musculoskeletal rehabilitation: A service evaluation of patient characteristics and rehabilitation outcomes

14:40-15:00

14:40-15:00

Oral Session

Khaled Al-Kharouf, Nottingham University Hospitals, United Kingdom

Title: Do routine postoperative radiographs influence the management of distal radius fractures following volar locking plate fixation?

15:00-15:20

15:00-15:20

Oral Session

Hassan Kazemi, Royal Bolton Hospital, United Kingdom

Title: Management of intra-operative contamination of an ACL graft: A cross-sectional survey of UK orthopaedic surgeons

15:20-15:40

15:20-15:40

Oral Session

Hassan Kazemi, Royal Bolton Hospital, United Kingdom

Title: Distalising tibial tubercle osteotomy for patellofemoral instability: A systematic review

15:40-16:00

15:40-16:00

Oral Session

Abd Alfattah Mahmoud Alnsour, Salford Royal Hospital, Northern Care Alliance, United Kingdom

Title: Accuracy of ChatGPT in predicting six-week postoperative knee flexion following total knee replacement: A retrospective cohort study

16:00-16:20

16:00-16:20

Oral Session

Abd Alfattah Mahmoud Alnsour, Salford Royal Hospital, Northern Care Alliance, United Kingdom

Title: Timing of surgical stabilisation of rib fractures and clinical outcomes at a major trauma centre: A retrospective cohort study

BRITISH SUMMER TIME (BST)

PRESENTER'S LOCAL
COUNTRY TIME

16:20-16:40

16:20-16:40

Oral Session

Ahmed Al-Naseri, The Royal Wolverhampton NHS Trust, United Kingdom

Title: Factors influencing intraoperative radiation exposure during ankle fracture ORIF: A six-year retrospective analysis

16:40-17:00

08:40-09:00

Oral Session

Neha Patel, Paradise Valley High School (PVHS), United States

Title: Projections of High Tibial Osteotomy (HTO), Unicompartmental Knee Arthroplasty (UKA), and primary Total Knee Arthroplasty (TKA) in the United States From 2020 to 2050

End Note

Notes:

Important Note

The conference follows British Summer Time (BST) for both In-Person and Virtual sessions.

When the program refers to Local Timings, it means the time mentioned is in the time zone of the presenter's country.

In-Person presentations will take place in the **Buckingham Meeting Hall** @Delta Hotels Heathrow Windsor and Virtual presentations will take place on Zoom Meetings.

Please remain accessible in the hall or on Zoom throughout the day as there may be minor program adjustments due to technical issues or presenter no-shows.

Notes:

Notes: