

2<sup>nd</sup> Edition of

# World Orthopedics Conference &

2<sup>nd</sup> Edition of Global Conference on

# Physical Medicine and Rehabilitation

09-11 September, Madrid, Spain

CPD ACCREDITED



**IN-PERSON:**

Rafaelhoteles Atocha  
C. de Méndez Álvaro, 30, 28045 Madrid, Spain



**VIRTUAL:**

Central European Summer  
Time (CEST)

| DAY 01<br>Monday, September 09<br>(In-person)    | DAY 02<br>Tuesday, September 10<br>(In-person) | DAY 02<br>Tuesday, September 10<br>(Virtual) | DAY 03<br>Wednesday, September 11<br>(In-person) | DAY 03<br>Wednesday, September 11<br>(Virtual) |
|--------------------------------------------------|------------------------------------------------|----------------------------------------------|--------------------------------------------------|------------------------------------------------|
| 08:00-08:50<br>Registrations                     | 08:50-09:00<br>Opening Remarks                 | 08:30-09:00<br>AV check                      | 08:50-09:00<br>Opening Remarks                   | 09:30-10:00<br>AV check                        |
| 08:50-09:00<br>Opening Ceremony and Introduction | 09:00-11:00<br>In-person Keynote Presentations | 09:00-10:20<br>Virtual Keynote Presentations | 09:00-10:20<br>In-person Keynote Presentations   | 10:00-11:20<br>Virtual Keynote Presentations   |
| 09:00-12:00<br>In-person Keynote Presentations   | 11:20-16:10<br>In-person Oral Presentations    | 10:20-19:20<br>Virtual Oral Presentations    | 10:20-16:10<br>In-person Oral Presentations      | 11:20-12:40<br>Virtual Oral Presentations      |
| 12:00-17:00<br>In-person Oral Presentations      | 16:30-17:00<br>In-person Poster Presentations  |                                              |                                                  | 12:40-14:10<br>Virtual Poster Presentations    |
| 17:00-17:30<br>In-person Poster Presentations    |                                                |                                              |                                                  | 14:10-16:10<br>Virtual Keynote Presentations   |
|                                                  |                                                |                                              |                                                  | 16:10-17:30<br>Virtual Oral Presentations      |
|                                                  |                                                |                                              |                                                  | 17:30-18:20<br>Virtual Poster Presentations    |

| IN-PERSON | DAY 01<br>Break Timings<br>(In-person)                                          | DAY 02<br>Break Timings<br>(In-person)                                          | DAY 03<br>Break Timings<br>(In-person)                                          |
|-----------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| VIRTUAL   | 11:00-11:20 Coffee Break<br>13:00-14:00 Lunch Break<br>15:40-16:00 Coffee Break | 11:00-11:20 Coffee Break<br>12:50-13:50 Lunch Break<br>16:10-16:30 Coffee Break | 11:10-11:30 Coffee Break<br>12:50-13:50 Lunch Break<br>16:10-16:30 Coffee Break |

## Important Note

- The conference follows Central European Summer Time (CEST) for both In-person and Virtual sessions.
- When the program refers to Local Timings, it means that the timing mentioned is based on the time zone of the presenter's country.
- In-person presentations will take place in the CIBELES ROOM @Rafaelhoteles Atocha, and Virtual presentations will take place in Zoom meetings.
- Please remain accessible in the hall or on Zoom throughout the day as there could be minor program adjustments due to technical issues or presenter no-shows.

### KEYNOTE PRESENTATIONS

Central European Summer Time (CEST)

@CIBELES ROOM

08:00-08:50 | Registrations

Moderator:

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

Stephanie Reischl, Western University, Canada

09:00-09:40

In-Person

Gerhard E Maale  
Dallas Ft. Worth Sarcoma Group,  
United States

Title: Ablation of biofilm using very low to low frequency Electromagnetic-Force (EMF) and antibiotics at MIC

09:40-10:20

In-Person

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

10:20-11:00

In-Person

Stephen S Tower  
University of Alaska Anchorage,  
United States

Title: A surgeon sings the cobalt blues

Group Photo

11:00-11:20 | Coffee Break @Foyer

11:20-12:00

In-Person

Shaomin Shi  
Medical College of Wisconsin, United  
States

Title: Synthetic mesh reconstruction of extensor mechanism ruptures following total knee arthroplasty: Surgical technique and clinical outcomes

### ORAL PRESENTATIONS

Chairs:

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

Stephen S Tower, University of Alaska Anchorage, United States

12:00-12:20

In-Person

Amr Elmaraghy  
St. Joseph's Health Centre, University  
of Toronto, Canada

Title: Arthroscopically assisted lower trapezius transfer: Surgical technique and implications for rehabilitation

12:20-12:40

In-Person

Maher Benjadid  
Prince Sultan Military Medical City,  
Saudi Arabia

Title: Neurostimulation to enhance recovery following traumatic brain injury

## Central European Summer Time (CEST)

12:40-13:00

In-Person

Jonathan Courtney  
Orthopedic Surgery Associates,  
United States

Title: Short-term clinical outcomes on a new dual-taper wedge femoral stem in total hip replacement

13:00-14:00 | Lunch @Restaurant

14:00-14:20

In-Person

Sarav Shah  
New England Baptist Hospital, United  
States

Title: Cost effectiveness analysis based on real world constructs, tear size, and implant cost for rotator cuff repair at 1, 5 and 10 years

14:20-14:40

In-Person

Natasha Wilch  
Symphony Brain Performance &  
Concussion Nerds Clinical Mentorship  
Program, Canada

Title: How physiotherapists can set the standard for leading concussion rehabilitation

14:40-15:00

In-Person

Mauro D Alessandro  
FisioBenessere Sagl, Switzerland

Title: Effects of fascial manipulative treatment on bone tissue

15:00-15:20

In-Person

Jason Corban  
New England Baptist Hospital, United  
States

Title: High healthcare utilization and associated costs in the year prior to both primary anatomic and reverse shoulder arthroplasty: A study of 2,393 patients from a private insurance database

15:20-15:40

In-Person

Stephanie Reischl  
Western University, Canada

Title: Early intervention strategies during immobilization of distal radius fractures

15:40-16:00 | Coffee Break @Foyer

16:00-16:20

In-Person

A M C J B Abeykoon  
Chesterfield Royal Hospital NHS  
Foundation Trust, United Kingdom

Title: Evaluating the efficacy of intra-articular analgesic cocktail for postoperative pain in total knee replacement: A comparative study across three tertiary care centers

16:20-16:40

In-Person

Dickson Wak  
Madang Provincial Teaching Hospital,  
Papua New Guinea

Title: A randomised control trial to compare topical use of antibiotic versus conventional management of open fractures

16:40-17:00

In-Person

Lunemo Sakafu  
Mbeya Zonal Referral Hospital,  
Tanzania, United Republic of

Title: Knee functional outcome after retrograde femoral nailing with sign nail at Mbeya zonal referral hospital, Tanzania

## (17:00-17:30) POSTER PRESENTATIONS

Poster Judge:

Stephen S Tower, University of Alaska Anchorage, United States

PP001

In-Person

Barbara Mera  
University of Illinois College of  
Medicine, United States

Title: Examining socioeconomic factors in physical and occupational therapy  
distribution: Insights for total joint arthroplasty

PP002

In-Person

Barbara Mera  
University of Illinois College of  
Medicine, United States

Title: Novel algorithmic pie-crusting technique for soft tissue balancing during total  
knee arthroplasty

PP003

In-Person

Mariam Banoub  
University of Illinois College of  
Medicine, United States

Title: Prioritizing range of motion over radiographic staging in carpometacarpal  
osteoarthritis: A clinical perspective

PP004

In-Person

Seung Yong Sung  
Catholic Kwandong University,  
Republic of Korea

Title: Conversion to hemiarthroplasty as a salvage treatment for failed reverse total  
shoulder arthroplasty and severe glenoid bone deficiency

PP005

In-Person

Sunyoung Joo  
Asan Medical Center, University of  
Ulsan College of Medicine, Republic  
of Korea

Title: Pain management with extracorporeal shockwave treatment in multiple level  
clay-shoveler's fracture in a novice golfer: A case report

### KEYNOTE PRESENTATIONS

Central European Summer Time (CEST)

@CIBELES ROOM

08:50-09:00 | Opening Remarks

Moderator:  
Ady M. Correa, University of Miami, United States

09:00-09:40 In-Person

Vaidya Balasubramaniam  
The Wollongong Hospital (ISLHD),  
Australia

Title: Rehabilitation of movement disorders: A practical experience

09:40-10:20 In-Person

Elissa Charbonneau  
Encompass Health, United States

Title: Reducing readmissions after discharge from IRF: Using predictive analytics to improve clinical outcomes

10:20-11:00 In-Person

Subramanya Adiga  
Middlemore Hospital, New Zealand

Title: Lifestyle approaches to prevent and manage disabilities

11:00-11:20 | Coffee Break @Foyer

### ORAL PRESENTATIONS

Chairs:  
Vaidya Balasubramaniam, Illawarra Shoalhaven Local Health District, Australia  
Subramanya Adiga, Middlemore Hospital, New Zealand

11:20-11:40 In-Person

Kinny Quan Velanoski  
Unity Health Toronto, St. Joseph's  
Health Centre, Canada

Title: Arthroscopic assisted lower trapezius tendon transfer: Evidence-based rehabilitative approach

11:40-12:00 In-Person

Pradeep Deshpande  
Hull University Teaching Hospital,  
United Kingdom

Title: Use of botulinum toxin in improving mobility in chronic stroke in older adults

12:00-12:30 In-Person

Subramanya Adiga  
Middlemore Hospital, New Zealand

Title: Peripheral denervation interventions for expansion of intact sensory-motor territories in proximal neuraxial lesion cases-hypotheses and literature review

## Central European Summer Time (CEST)

12:30-12:50

In-Person

Ady M. Correa  
University of Miami, United States

Title: Rehabilitation of breast cancer-related lymphedema

12:50-13:50 | Lunch Break @Restaurant

13:50-14:10

In-Person

Anahit Voskanyan  
Ku Leuven, Belgium

Title: Development of a tablet-based aphasia test in Armenian language

14:10-14:30

In-Person

Ankit Bhargava  
Jayoti Vidyapeeth Women's University,  
India

Title: Effects of lotus method technique in pain and stiffness in patients with mastitis

14:30-14:50

In-Person

Lilian Bin Alshaikh  
Jacinta McElligott  
National Rehabilitation Hospital,  
Ireland

Title: A patient's journey following severe TBI: I fell once, but I keep falling

14:50-15:10

In-Person

Seung Hee Ho  
National Rehabilitation Center,  
Republic of Korea

Title: Factors affecting life satisfaction among people with physical disabilities during COVID-19: Observational evidence from a Korean cohort study

15:10-15:30

In-Person

Samson Selvaraj J  
Christian Medical College -Vellore,  
India

Title: Immersive virtual reality: A new direction in the management of neuropathic pain in spinal cord injury

15:30-15:50

In-Person

Ann Kuo  
Singapore Cancer Society, Singapore

Title: Cancer patients self-reported quality of life after community-based cancer rehabilitation

15:50-16:10

In-Person

Selin Ozen  
Baskent University, Turkey

Title: Effectiveness of single dose corticosteroid vs. platelet rich plasma injection in mild-to-moderate carpal tunnel syndrome: A prospective, randomized, double blind study

16:10-16:30 | Coffee Break @Foyer

## (16:30-17:00) POSTER PRESENTATIONS

Poster Judge:

Vaidya Balasubramaniam, Illawarra Shoalhaven Local Health District, Australia

PP001

In-Person

Na-eun Byeon  
Wan Hee Lee  
Sahmyook University, Republic of  
Korea

Title: Effect of postpartum rehabilitation exercise program (5R system) using visual feedback in rehabilitative ultrasound imaging

PP002

In-Person

Hyun Joo Kang  
Soonchunhyang University, Republic  
of Korea

Title: Effects of hamstring resistance training on peak torque and H/Q ratio in male university students

PP003

In-Person

Shi-Uk Lee  
Seoul National University College of  
Medicine, Korea, Republic of

Title: Deep learning model for classifying shoulder pain rehabilitation exercises using IMU sensor

### KEYNOTE PRESENTATIONS

CEST

Local Timings

@ZOOM MEETING

08:30-09:00 CEST | AV check

Moderator:

Rohit Ravindran Nair, Blackpool Teaching Hospitals NHS Foundation Trust, United Kingdom

09:00-09:40

10:00-10:40

Igor Belenkiy  
Saint Petersburg I.I. Dzhanlidze  
Research Institute of Emergency  
Medicine, Russian Federation

Title: Tibial plateau and pilon fractures similarities and differences

09:40-10:20

09:40-10:20

Elizabeta Popova Ramova  
MIT University, Republic of North  
Macedonia

Title: Treatment of pain from postural bad position by computer workers with physical therapy

### ORAL PRESENTATIONS

10:20-10:40

09:20-09:40

Frank Davis  
University Hospital of Sussex, United  
Kingdom

Title: Innovating the surgical care pathway: A prospective study

10:40-11:00

09:40-10:00

Kaija-Liisa Koovit  
University of Strathclyde, United  
Kingdom

Title: Gatekeepers and medical devices: How success measures can make patients worse off

11:00-11:20

19:00-19:20

Jo-Wai Douglas Wang  
Canberra Health Services, Australia

Title: Impact of age and gender in stratification risk outcomes in patients with HF

11:20-11:40

10:20-10:40

Frank Davis  
University Hospital of Sussex, United  
Kingdom

Title: 10-year outcome of a dedicated hip fracture unit embedded within a level 1 major trauma centre

|                                                                                              |               |                                                                                                                                                                                                           |  |
|----------------------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| CEST                                                                                         | Local Timings |                                                                                                                                                                                                           |  |
| 11:40-12:00                                                                                  | 10:40-11:00   |                                                                                                                                                                                                           |  |
| Jabez Gnany<br>North Cumbria Integrated Care NHS<br>Foundation Trust, United Kingdom         |               | Title: Effect of alendronate on the healing time of distal radial fractures treated conservatively: An observational study                                                                                |  |
| 12:00-12:20                                                                                  | 18:00-18:20   |                                                                                                                                                                                                           |  |
| Hong Liu,<br>Chongqing University, China                                                     |               | Title: Intra-articular injection of kartogenin-conjugated nanomaterials for relieving osteoarthritis in rats                                                                                              |  |
| 12:20-12:40                                                                                  | 11:20-11:40   |                                                                                                                                                                                                           |  |
| Jabez Gnany<br>North Cumbria Integrated Care NHS<br>Foundation Trust, United Kingdom         |               | Title: Ganglion cyst of the elbow - A rare presentation, current concepts in treatment                                                                                                                    |  |
| 12:40-13:00                                                                                  | 11:40-12:00   |                                                                                                                                                                                                           |  |
| Raheel Shakoor Siddiqui<br>University Hospitals Birmingham NHS<br>Trust, United Kingdom      |               | Title: Effect of perioperative multimodal analgesia on postoperative opioid consumption and complications in elderly traumatic hip fracture patients: A systematic review of randomized controlled trials |  |
| 13:00-13:20                                                                                  | 16:30-16:50   |                                                                                                                                                                                                           |  |
| Tathagath Tiwary<br>SRM Medical College Hospital and<br>Research Centre, India               |               | Title: Study of functional outcome of radial head fractures treated with primary replacement                                                                                                              |  |
| 13:20-13:40                                                                                  | 12:20-12:40   |                                                                                                                                                                                                           |  |
| Raheel Shakoor Siddiqui<br>University Hospitals Birmingham NHS<br>Trust, United Kingdom      |               | Title: Outcomes of open reduction and internal fixation versus conservative management in posterior malleolus ankle fractures: A retrospective comparative study                                          |  |
| 13:40-14:00                                                                                  | 17:10-17:30   |                                                                                                                                                                                                           |  |
| Tathagath Tiwary<br>SRM Medical College Hospital and<br>Research Centre, India               |               | Title: Preoperative planning and outcome of periarticular fractures around the knee joint using 3D printed models                                                                                         |  |
| 14:00-14:20                                                                                  | 13:00-13:20   |                                                                                                                                                                                                           |  |
| Neville Mamooowala<br>Leicester University Hospitals, United<br>Kingdom                      |               | Title: Trends in paediatric distal radius fractures                                                                                                                                                       |  |
| 14:20-14:40                                                                                  | 13:20-13:40   |                                                                                                                                                                                                           |  |
| Noor Mohammad<br>Bart's Health NHS Trust, United<br>Kingdom                                  |               | Title: Predicting the drop of haemoglobin in hip fracture surgery                                                                                                                                         |  |
| 14:40-15:00                                                                                  | 13:40-14:00   |                                                                                                                                                                                                           |  |
| Rohit Ravindran Nair<br>Blackpool Teaching Hospitals NHS<br>Foundation Trust, United Kingdom |               | Title: Comparison of fixed- and variable-loop button fixation in arthroscopic anterior cruciate ligament reconstruction                                                                                   |  |
| 15:00-15:20                                                                                  | 14:00-14:20   |                                                                                                                                                                                                           |  |
| Noor Mohammad<br>Bart's Health NHS Trust, United<br>Kingdom                                  |               | Title: Safety and efficacy of day case total hip arthroplasty- A literature review                                                                                                                        |  |

|                                                                                           |               |                                                                                                                                           |
|-------------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| CEST                                                                                      | Local Timings |                                                                                                                                           |
| 15:20-15:40                                                                               | 16:20-16:40   |                                                                                                                                           |
| Alhassan Mohammed<br>King Faisal General Hospital, Saudi Arabia                           |               | Title: Concomitant talocalcaneal coalition as a risk factor for early relapse following ponseti treatment of idiopathic clubfoot          |
| 15:40-16:00                                                                               | 14:40-15:00   |                                                                                                                                           |
| Rohit Ravindran Nair<br>Blackpool Teaching Hospitals NHS Foundation Trust, United Kingdom |               | Title: Limb salvage in moderately to severely infected diabetic foot ulcer with wound debridement and intraosseous antibiotic application |
| 16:00-16:20                                                                               | 15:00-15:20   |                                                                                                                                           |
| Muhammed Ehsan Nazeer<br>North Cumbria Integrated Care, United Kingdom                    |               | Title: A study on functional recovery: Medial parapatellar versus midvastus approaches in knee arthroplasty                               |
| 16:20-16:40                                                                               | 17:20-17:40   |                                                                                                                                           |
| Mervat Sheta Ali Gawdat Elsayy<br>Alexandria University, Egypt                            |               | Title: Pelvic floor rehabilitation in obstructed defecation                                                                               |
| 16:40-17:00                                                                               | 15:40-16:00   |                                                                                                                                           |
| Muhammed Ehsan Nazeer<br>North Cumbria Integrated Care, United Kingdom                    |               | Title: Skinted - A series of rare post operative complication post total knee replacement                                                 |
| 17:00-17:20                                                                               | 16:00-16:20   |                                                                                                                                           |
| Yan Lynn Ng<br>NHS Tayside, United Kingdom                                                |               | Title: VTE prophylaxis in trauma & orthopaedic patients                                                                                   |
| 17:20-17:40                                                                               | 16:20-16:40   |                                                                                                                                           |
| Suleyman Ulla<br>University of Glasgow, United Kingdom                                    |               | Title: Investigating patient and surgical factors affecting same day discharge after unicompartmental knee replacement                    |
| 17:40-18:00                                                                               | 11:40-12:00   |                                                                                                                                           |
| Roger H Coletti<br>Interventional Health, United States                                   |               | Title: EMG guided chemodenervation for post-laminectomy syndrome and rotator cuff repair                                                  |
| 18:00-18:20                                                                               | 17:00-17:20   |                                                                                                                                           |
| Akash Ganguly<br>Warrington and Halton Hospitals NHS FT, United Kingdom                   |               | Title: Central metatarsalgia and walking on pebbles: Beyond Morton neuroma                                                                |
| 18:20-18:40                                                                               | 17:20-17:40   |                                                                                                                                           |
| Ahmed Atwa<br>Blackpool Victoria Hospital, United Kingdom                                 |               | Title: Functional outcome & correlation with ultrasound gap size of Achilles Tendon rupture treated non-operatively with boot and wedges  |
| 18:40-19:00                                                                               | 17:40-18:00   |                                                                                                                                           |
| Xin Yin Choo<br>NHS Scotland, United Kingdom                                              |               | Title: Emerging role of point of care ultrasound in orthopaedics                                                                          |

Olivia Dunseath  
Barking, Havering And Redbridge  
University Hospitals NHS Trust,  
United Kingdom

Title: Audit and re-audit of operation note documentation compliance with the royal college of surgeons and British orthopaedic association guidelines for trauma patients at a North London district general hospital

### KEYNOTE PRESENTATIONS

Central European Summer Time (CEST)

@CIBELES ROOM

08:50-09:00 | Opening Remarks

Moderator:  
Adarsh Amin, Sherwood Forest Hospitals NHS Foundation Trust, United Kingdom

09:00-09:40

In-Person

Gerhard E Maale  
Dallas Ft. Worth Sarcoma Group,  
United States

Title: A novel approach to removal of cemented hips and knees using AC  
Electromagnetic Fields (EMF)

09:40-10:20

In-Person

Rachid El Khoury  
Sultan Bin Abdulaziz Humanitarian  
City, Saudi Arabia

Title: Understanding chronic pain: Are we missing the mark?

### ORAL PRESENTATIONS

Chair:  
Gerhard E Maale, Dallas Ft. Worth Sarcoma Group, United States

10:20-10:50

In-Person

Subramanya Adiga  
Middlemore Hospital, New Zealand

Title: Anatomy, biomechanics, trigonometry & psychology of prosthetic hip  
instability

10:50-11:10

In-Person

Sarav Shah  
New England Baptist Hospital, United  
States

Title: Clinical outcomes validate RAND/UCLA appropriateness criteria algorithm for  
anatomic TSA to streamline the clinical decision-making process

11:10-11:30 | Coffee Break @Foyer

11:30-11:50

In-Person

Vaidya Balasubramaniam  
The Wollongong Hospital (ISLHD),  
Australia

Title: Chronic Fatigue Syndrome - A rehabilitation perspective

11:50-12:10

In-Person

Jason Corban  
New England Baptist Hospital, United  
States

Title: Identifying variations in cost of care for knotted versus knotless bankart repair  
using Time-Driven Activity-Based Costing (TDABC)

## Central European Summer Time (CEST)

12:10-12:30

In-Person

Adarsh Amin  
Sherwood Forest Hospitals NHS  
Foundation Trust, United Kingdom

Title: Vitamin D prescription at discharge in patients (aged 18-55) with fractures undergoing operative management

12:30-12:50

In-Person

Maria Beatrice Lindblad  
Linköping University, Sweden

Title: Perthes' disease - Environmental risk factors and genetics

12:50-13:50 | Lunch Break @Restaurant

13:50-14:10

In-Person

Vaidya Balasubramaniam  
The Wollongong Hospital (ISLHD),  
Australia

Title: Executive leadership - An experiential outcome following a recent scabies outbreak a discussion

14:10-14:30

In-Person

Arvinder Singh Bhatia  
Dr Bhatia's Bone & Joint Care Clinic,  
India

Title: PRP therapy in OA knee - My experience (A series of 490 cases – 545 knees)

14:30-14:50

In-Person

Adarsh Amin  
Sherwood Forest Hospitals NHS  
Foundation Trust, United Kingdom

Title: Surgical repair of proximal hamstring tendon ruptures in middle aged non-athletic patients: A Case series

14:50-15:10

In-Person

Lunemo Sakafu  
Mbeya Zonal Referral Hospital,  
Tanzania, United Republic of

Title: Intramedullary nailing of humeral shaft fracture with sign in nails at Mbeya zonal hospital, Tanzania

15:10-15:30

In-Person

Shayan Amiri  
Iran University of Medical Sciences,  
Iran

Title: Designing and synthesis of injectable hydrogel based on carboxymethyl cellulose/carboxymethyl chitosan containing QK peptide for femoral head osteonecrosis healing

15:30-15:50

In-Person

Omid Liaghat  
Iran University of Medical sciences,  
Iran

Title: Ectopic banking and implantation of an amputated hand

15:50-16:10

In-Person

Shayan Amiri  
Iran University of Medical Sciences,  
Iran

Title: Excellent accuracy of magnetic resonance imaging for diagnosis of discoid meniscus tears: A systematic review and meta-analysis

16:10-16:30 | Coffee Break @Foyer

# DAY 3

Virtual

## SEPTEMBER 11, 2024

Wednesday

### KEYNOTE PRESENTATIONS

CEST

Local Timings

@ZOOM MEETING

09:30-10:00 CEST | AV check

Moderator:

Panayotis Jusakos, Lakeland Regional Medical Center, United States

10:00-10:40

10:00-10:40

Matis Georgios  
University Hospital of Cologne,  
Germany

Title: Intrathecal drug delivery systems

10:40-11:20

16:40-17:20

Zhenhuan LIU  
Guangzhou University of Chinese  
Medicine, China

Title: Neuroimaging by evaluation nerve renovate and neuroplasticity of acupuncture in children with cerebral palsy

### ORAL PRESENTATIONS

11:20-11:40

11:20-11:40

Florian Forelli  
Orthosport Rehab Center, France

Title: Quadriceps activation after anterior cruciate ligament reconstruction: The early bird gets the worm

11:40-12:00

10:40-11:00

Salim Hirani  
Ysbyty Gwynedd Hospital, United  
Kingdom

Title: Neurophysiological grading tool of ulnar nerve entrapment across wrist and across elbow with case presentation

12:00-12:20

11:00-11:20

Julian Aquilina  
St Mary's Hospital, United Kingdom

Title: Cauda equina syndrome- can we get it right first time? An audit of orthopaedic and emergency departments in St Marys Hospital, Isle of Wight

12:20-12:40

14:20-14:40

Kamala Amanullah Bozan  
Hadi Clinic MOH, Azerbaijan

Title: Sports injuries cause early osteoarthritis of the knee in professional athletes

### POSTER PRESENTATIONS

12:40-12:50

18:40-18:50

Zou Chuanqi  
People's Hospital of Chongqing,  
China

Title: The clinical and radiological improvement comparison between Anterior Cervical Corpectomy and Fusion (ACCF) and posterior single-door laminoplasty in the treatment of cervical Ossification of Posterior Longitudinal Ligament (OPLL)

| CEST        | Local Timings |                                                                         |                                                                                                                                                       |
|-------------|---------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12:50-13:00 | 18:50-19:00   | Xiaoyu Huang<br>The People's Hospital of Tongliang,<br>China            | Title: Effect of comfort care empowerment combined with quality care on postoperative pain levels and negative emotions in patients with hip fracture |
| 13:00-13:10 | 12:00-12:10   | Soham Ganguly<br>University College London, United<br>Kingdom           | Title: The imaging modality of choice for patients with a suspected scaphoid fracture who have normal initial radiographs: A UK-wide national audit   |
| 13:10-13:20 | 19:10-19:20   | Enhui Lu<br>Chongqing Dongnan Hospital, China                           | Title: A prospective study on the effect of different bone cement volumes in preventing vertebral collapse                                            |
| 13:20-13:30 | 19:20-19:30   | Yi Zou<br>Traditional Chinese Medicine<br>Hospital, China               | Title: Enhancing rehabilitation after orthopedic trauma surgery: Evidence-based nursing interventions                                                 |
| 13:30-13:40 | 07:30-07:40   | Panayotis Jusakos<br>Lakeland Regional Medical Center,<br>United States | Title: Peroneal nerve entrapment masquerading as lumbar stenosis: A diagnostic and therapeutic challenge                                              |
| 13:40-13:50 | 07:40-07:50   | Raymond Walls<br>NYU Langone Orthopaedics, United<br>States             | Title: Surgical management of spiral oblique fractures of the fifth metatarsal leads to faster return to play in athletes: A systematic review        |
| 13:50-14:00 | 07:50-08:00   | Panayotis Jusakos<br>Lakeland Regional Medical Center,<br>United States | Title: Progressive lower extremity weakness, implication vs causation                                                                                 |
| 14:00-14:10 | 08:00-08:10   | Raymond Walls<br>NYU Langone Orthopaedics, United<br>States             | Title: Flexor hallucis longus tendon transfer for chronic achilles tendon ruptures: Isolated or augmented technique?                                  |

## KEYNOTE PRESENTATIONS

|             |             |                                                          |                                                                          |
|-------------|-------------|----------------------------------------------------------|--------------------------------------------------------------------------|
| 14:10-14:50 | 08:10-08:50 | Mel B. Glenn<br>Harvard Medical School, United<br>States | Title: Chronic traumatic brain injury: Changes, challenges and solutions |
| 14:50-15:30 | 08:50-09:30 | John Robert Bach<br>Rutgers University, United States    | Title: Noninvasive management of Ventilatory Pump Failure (VPF)          |

15:30-16:10

09:30-10:10

Archana Vatwani  
Old Dominion University, United States

Title: Bridging the DEI gap in physical therapy education and practice: Cultivating culturally competent leadership and sustainable organization change

## ORAL PRESENTATIONS

16:10-16:30

10:10-10:30

Roger H Coletti  
Interventional Health - Pennsylvania, United States

Title: Treatment of chronic muscle spasm and pain with the CMECD® procedure

16:30-16:50

10:30-10:50

Songlin Zhu  
Western University, Canada

Title: Development of a clinically useful multi-segment kinetic foot model

16:50-17:10

10:50-11:10

Roger H Coletti  
Interventional Health - Pennsylvania, United States

Title: Independent research – possibilities remain

17:10-17:30

09:10-09:30

Garcia Ruiz Michelle Guadalupe  
General Hospital of Mexico, Mexico

Title: Epidemiology of sport injuries in dancers

## POSTER PRESENTATIONS

17:30-17:40

08:30-08:40

Luke Thomas  
Loma Linda School of Medicine, United States

Title: Machine learning can be used as an accurate tool to predict surgical outcomes regarding length of postoperative stay after patellar tendon repair

17:40-17:50

08:40-08:50

Bilal Khilfeh  
University of Washington School of Medicine, United States

Title: Patient reported outcomes and return to sport testing 6 months after pediatric arthroscopic shoulder surgery

17:50-18:00

23:50-00:00

Desheng Wu  
Bishan Hospital of Chongqing Medical University, China

Title: Biomechanical characteristics analysis of Sanders type II and III calcaneal fractures fixed by open reduction and internal fixation and percutaneous minimally invasive fixation

18:00-18:10

12:00-12:10

Layla Dawit  
Harvard University, United States

Title: Biomechanical analysis of Transforaminal Lumbar Interbody Fusion (TLIF) with unilateral vs bilateral pedicle screw fixation in the setting of bilateral spondylolysis: An In-vitro human cadaveric model

18:10-18:20

00:10-00:20

Zachary Sinagra  
Sir Charles Gairdner Hospital, Australia

Title: Tripartite lunate as part of a previously undescribed carpal anomaly

- The conference follows Central European Summer Time (CEST) for both In-person and Virtual sessions.
- When the program refers to Local Timings, it means that the timing mentioned is based on the time zone of the presenter's country.
- In-person presentations will take place in the CIBELES ROOM @Rafaelhoteles Atocha and Virtual presentations will take place in Zoom meetings.
- Please remain accessible in the hall or on Zoom throughout the day as there could be minor program adjustments due to technical issues or presenter no-shows.





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