

# BIOS

## British Indian Orthopaedic Society

*Exploring new frontiers in orthopaedics*

## INNOVATION & RECENT ADVANCES

**Friday 7th and Saturday 8th July 2023**  
**Marriot Heathrow Windsor, London, SL3 8PT**



# PRESIDENTS WELCOME ADDRESS TO BIOSCON 2023

## WINDSOR MARRIOTT 7TH TO 8TH JULY 2023



It is my immense pleasure to welcome you all to this years' BIOS Conference at the Delta Windsor Marriott London. This Conference is unique in many ways – we have a special CESR session to support Specialty Doctors and Associate Specialists wanting to get on the Specialist Register via the Article 14 route and the Conference theme is also very topical – Innovation and AI – the latter being a subject of great debate no doubt as automation is set to affect our practice in the future. We also have specialty update sessions to help the revalidation ethos of BIOS. The Conference also aims to support medical students (who love Orthopaedics but have little taught in their curriculum) and trainees including the trust grades and Participants of BOTA, with whom we are forging great links. Not the least are our overseas travelling fellows, from India representing the national organisation IOA and a variety of State Ortho associations with whom we have an MOU.

I would like to congratulate Sunil Bajaj and the entire team of Conference organisers from the South of London who have truly become a “band of brothers” to host this conference, coordinating with our Event team of HCUK led by Stephanie Benton and surmounting the huge challenge of exhibitors/sponsors/venue/catering – to name only a few; without all these people working in the background the Conference would be difficult if not impossible. I place on record the deep appreciation of the Society in this achievement.

I am very hopeful you all will come in good numbers to achieve your academic purposes and also meet up with others whilst making new friends and acquaintances. This Conference is also lucky to have a guest speaker in the shape and form of Padma Shree Farokh Engineer a cricketing legend and cavalier in his own right having played Test cricket before the helmet came into being! He will be our guest on the Saturday night and will undoubtedly take the house down by his speaking talents.

Tremendous effort goes into our annual Conference – often a signature event in the Conference calendar for a variety of reasons and I wish everybody the best of luck as we move into the final few weeks before the meeting.

Friends this has been an eventful two years with the Society having made huge strides in a number of areas – be it our election platform, becoming the Official publication of the BJJ, sponsoring BOTA fellows and rekindling our relationship, new MOU with IOA and fellowships for BIOS members funded by them (for the very first time), improving our research credibility with the formation of a research committee and continuing our webinar series with support to both undergrads and postgrads, etc. I am very sure your next President Sunil Garg will march forwards taking the Society to ever greater pinnacles.

Signing this for the last time as your President, it has been an immense pleasure to have been at the helm of the Society, and I thank all the members for their great support.

Kindest regards and welcome to BIOSCON Windsor 2023!

**Professor Amit Tolat**

## BIOS 2023 ORGANISING COMMITTEE



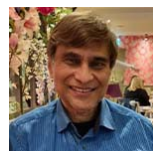
**Mr Sunil Bajaj**  
Lewisham &  
Queen Elizabeth  
Hospital,  
Woolwich



**Mr Om Lahoti**  
Kings College  
Hospital, London



**Mr Mohit Bansal**  
Princess Royal  
University  
Hospital, Bromley,  
London



**Mr Amitava Dutta**  
Lewisham &  
Queen Elizabeth  
Hospital,  
Woolwich



**Mr Jagwant Singh**  
Lewisham &  
Queen Elizabeth  
Hospital,  
Woolwich



**Mr Arun Bhaskaran**  
Lewisham &  
Queen Elizabeth  
Hospital,  
Woolwich

# DAY 1 PROGRAMME: FRIDAY 7<sup>TH</sup> JULY 2023

## CESR SESSION

08.00 Registration and Refreshments

### CESR Session Moderators

**Mr Sunil Bajaj**

Conference Chair & Treasurer, British Indian Orthopaedic Society

**Prof Karthik Iyengar** BIOS Committee

BIOS is proud to organise a CESR session to support Speciality and Specialist (SAS) doctors and provide guidance in their career progression. This session would be useful for doctors of all surgical specialities pursuing the CESR route

### 08.50 Welcome and Plan of the Session

**Prof Amit Tolat**

President, British Indian Orthopaedic Society

### 09.00 Why and How CESR?

**Dr Madapura Shashidhara**

SAS Develop Prog Lead, HEE NW

Associate Specialist in Anaesthetics, Stockport NHS Foundation Trust

- Why What CESR?
- GMC HEE Support sites

### 09.15 Portfolio Development for CESR

**Mr Nitish Gogi**

Consultant Orthopaedic Surgeon

Doncaster & Bassetlaw NHS Teaching Trust

- Speciality Specific Guidance (SSG) Tr&Orth
- Collection/Uploads

### 09.30 CESR Mentorship

**Mr Krishna Kumar**

Consultant Upper Limb Orthopaedic Surgeon

North Cumbria University Hospitals NHS Trust

- Overview

10.00 Comfort Break, Networking and Exhibition Viewing

### 10.15 Recently Successful CESR Consultant

**Mr Brijesh Ayyaswamy**

Consultant Orthopaedic Surgeon

Blackpool Teaching Hospitals NHS Foundation Trust

- How did I prepare
- My tips / journey
- My experience

### 10.30 Recently Successful CESR Consultant

**Mr Satish Dhotare**

Consultant Lower Limb Orthopaedic Surgeon

St Helens and Knowsley Teaching Hospitals NHS Trust

- How did I prepare
- 10 top tips / experience
- Pitfalls to avoid

### 10.50 Upcoming Changes to CESR

**Mr Krishna Kumar**

Consultant Upper Limb Orthopaedic Surgeon

North Cumbria University Hospitals NHS Trust

### 11.00 Question and Answer Session

This will include a panel of all speakers

**Prof Amit Tolat**

President, British Indian Orthopaedic Society

**Mr Sunil Bajaj**

Conference Chair & Treasurer, British Indian Orthopaedic Society

**Prof Karthik Iyengar** BIOS Committee

11.45 Lunch Break, Networking and Exhibition Viewing

# DAY 1 PROGRAMME: FRIDAY 7<sup>TH</sup> JULY 2023

## SCIENTIFIC SESSION

11.30 Scientific Session Registration and Refreshments

### 12.30 Welcome Address

Introduced by - Mr Sunil Bajaj, Mr Sunil Garg and Prof Amit Tolat

### 12.40 Beyond Charity

**Ritu Hinduja Chhabria**

Managing Trustee, Mukul Madhav Foundation

CSR Committee Chairperson and Director, Finolex Industries Limited, On the Board of Hinduja Foundation

### 12.55 Session 1 - Free Papers

Moderators - Mr Bijayendra Singh and Mr Anand Divekar

These were selected from the call for abstracts, each talk will be 4 minutes with time for questions at the end

#### **PATIENT-REPORTED OUTCOMES FOLLOWING SHORT-STEM SHOULDER REPLACEMENT**

**Christopher Deacon** ST4 SpR in Trauma and Orthopaedics, Sherwood Forest Hospitals NHS Foundation Trust

#### **BILATERAL SHOULDER FRACTURE DISLOCATIONS - LONG TERM OUTCOME AND MANAGEMENT ALGORITHM**

**Valliappan Muthukumar** King's College Hospital NHS Foundation Trust

#### **SHORT-TERM CLINICAL AND RADIOLOGICAL OUTCOMES IN A PATIENT'S OF NEER'S TYPE II DISTAL CLAVICLE FRACTURES AFTER CORACOCALVICULAR LIGAMENT RECONSTRUCTION WITH SEMITENDINOSUS AUTOGRAFT AMONG THE ADULT POPULATION – A PROSPECTIVE OBSERVATIONAL COHORT STUDY**

**Karthikeyan Dhandapani** International Training Fellow, Orthopaedics, Dudley Group NHS Foundation Trust

#### **COMPLEX DISTAL HUMERUS FRACTURES TREATED WITH OSTEOSYNTHESIS, ARTHROPLASTY OR MANAGED CONSERVATIVELY**

**Uday Mahajan** University Hospitals Birmingham NHS Foundation Trust

### 13.15 Session 2 - Medicolegal Updates

Moderators - Mr Sunil Garg and Prof Amit Tolat

### 13.15 Understanding Consent in Orthopaedic Practice

**Mr Simon Britten**

Consultant Trauma & Orthopaedic Surgeon

Leeds Teaching Hospitals NHS Trust

- The purpose of consent
- A brief recap of the Montgomery judgment
- Consideration of initial cases after the Montgomery judgment
- Discussion of material risks
- Provision of reasonable time and space for the patient to decide
- The Bolam fightback!
- Consideration of reasonable treatment alternatives
- Decision pending in the McCulloch case - Supreme Court 2023

### 13.30 Changing Landscape of Medical Indemnity

**Simon Gale**

Divisional Director, Financial Lines and Health & Care

Howden Medical Indemnity

- Discretionary v Contract Certainty
- Time for change
- The Protection you need when you need it

### 13.45 New standards in Medico-legal practice

**Simon Berney-Edwards**

Chief Executive Officer

Expert Witness Institute

As Expert Witnesses continue to appear in the news for failing to understand their duties, Simon will explore recent cases, share practice updates, and highlight the role of a professional body in supporting your development as an expert witness.

13.55 Discussion

### 14.05 Session 3 - Innovation in Orthopaedics

Moderators - Mr Om Lahoti and Mr Jitendra Mangwani

### 14.05 AI & Machine learning in Orthopaedics - An update

**Prof Kia Nazarpour**

Personal Chair of Digital Health

University of Edinburgh

This talk will explore the potential of digital health technologies in the field of orthopaedics. From wearable movement and electromyography sensors to an AI-enabled dashboard, we demonstrate the potential to positively impact the way we could diagnose, treat, and prevent musculoskeletal conditions. We will discuss the current state of the field and its future prospects.



# DAY 1 PROGRAMME: FRIDAY 7<sup>TH</sup> JULY 2023

## SCIENTIFIC SESSION

### 14.25 Biomimetic Hematoma to Enhance Bone Healing: Current Status and Future Clinical Implications

**Vaida Glatt**

*Director of Research*

University of Texas Health Science Center, San Antonio, TX

- Clinical treatment strategy for complex bone injuries, nonunions, and bone defects
- Introduction of a novel biologic, The Biomimetic Hematoma, to enhance bone healing

### 14.45 Management of Long Bone Defects - Early Experience with the TruMatch Graft Cage

**Mr Steve Mitchell**

*Consultant Trauma & Orthopaedic Surgeon*

University Hospitals Bristol NHS Foundation Trust

- Overview of current options for reconstruction of critical long bone defects
- Presentation of TruMatch Long Bone Graft Cage as a new alternative

15.05 *Discussion*

15.10 *Comfort Break, Networking and Exhibition Viewing*

### 15.40 Session 4 - Invited Guest Orations

*Moderator - Mr Sunil Bajaj*

### 15.40 Femoral Neck Fractures in Young Adults - Recent Trends and the Future

**Dr Atul Srivastava**

*President*

Indian Orthopaedic Association

- FNF\_Young Adults
- Hip Preservation
- Plethora on implants
- Changing Concepts
- Changing Implant Designs
- Recent trends and the Future

*Moderator - Prof Bijay Singh*

### 16.00 A thought process of Biomechanical Problems of Unstable Extracapsular Proximal Fractures and New Insight with Innovative Possible Solutions

**Dr Navin Thakkar**

*Consulting Orthopedic Surgeon and Secretary General*

Indian Orthopaedic Association

- Beware of Invisible Instability and Be Aware of Invisible Instability Even After Fixation

### 16.20 Session 5 - Orthopaedic Emergencies

*Moderators - Mr Shanawaz Haleem and Mr Nitish Gogi*

### 16.20 Paediatric Orthopaedic Infections - An Update

**Mr Anish Sanghrajka**

*Consultant Paediatric Orthopaedic Surgeon*

Norfolk and Norwich University Hospitals NHS Foundation Trust

MSK infection in children is possibly one of the few remaining emergencies that orthopaedic surgeons of every grade have to deal with out of hours. Specialist help is often not available for these cases when needed. This session will provide you with the information to confidently manage Paediatric MSK infection, moving beyond 20 year old inaccurate algorithms

### 16.35 Management of Spinal Tumor Emergencies

**Mr Nick Thomas**

*Consultant Neurosurgeon*

King's College Hospital NHS Foundation Trust

16.50 *Discussion*

# DAY 1 PROGRAMME: FRIDAY 7<sup>TH</sup> JULY 2023

## SCIENTIFIC SESSION

### 17.00 Session 6a - Free Papers

Moderators - Mr Om Lahoti and Mr Arun Bhaskaran

These were selected from the call for abstracts, each talk will be 4 minutes with time for questions at the end

**PAEDIATRIC FOREARM FRACTURES – A DISTRICT HOSPITAL EXPERIENCE AND DATA COMPLYING WITH BOA STANDARDS AND GIRFT RECOMMENDATION**

**Nithin Babu** *Orthopaedic Registrar, Blackpool Teaching Hospitals NHS Foundation Trust*

**COMPARATIVE EVALUATION OF CLINICAL AND FUNCTIONAL OUTCOMES USING DIFFERENT TYPES OF LOCAL ANALGESICS FOR SELECTIVE NERVE ROOT BLOCKS IN DISCOGENIC LOW BACKACHE PATIENTS**

**Pankaj Kumar Sharma** *Associate Professor, Dept of Orthopedics, A.I.I.M.S., Bathinda, Punjab*

**DOES CHEMICAL SHIFT MAGNETIC RESONANCE IMAGING (MRI) IMPROVE VISUALISATION OF PARS INTERARTICULARIS DEFECT**

**Sha Haleem** *The Royal Orthopaedic Hospital NHS Foundation Trust*

**90 DAYS RE-ADMISSION FOLLOWING MANAGEMENT OF NECK OF FEMUR FRACTURES- STUDY OF 1170 HIP FRACTURES – A DISTRICT GENERAL HOSPITAL (DGH) EXPERIENCE**

**Prajwal Srinivasan** *SHO Orthopaedics, Wroughtington, Wigan and Leigh NHS Foundation Trust*

**FACTORS AFFECTING THE INCORPORATION OF EXTRACORPOREALLY IRRADIATED AUTOGRAFT FOR THE TREATMENT OF BONE TUMORS – A RETROSPECTIVE ANALYSIS FROM A TERTIARY REFERRAL CENTRE**

**Shah Alam Khan** *Consultant, AIIMS, New Delhi*

### 17.30 Session 6b - Free Papers

Moderators - Mr Mohit Bansal and Mr Sanjeev Anand

These were selected from the call for abstracts, each talk will be 4 minutes with time for questions at the end

**UK FOOT AND ANKLE THROMBO-EMBOLISM AUDIT (UK-FATE) – A MULTICENTRE PROSPECTIVE STUDY OF VENOUS THROMBOEMBOLISM (VTE) IN FOOT AND ANKLE SURGERY**

**Hamish Lowdon** *Registrar University Hospitals of Leicester NHS Trust*

**MID TERM FOLLOW UP OF REVISION TOTAL HIP ARTHROPLASTY FOLLOWING CERAMIC BEARING FAILURES**

**Aakaash Venkatesan** *University Hospitals Sussex NHS Foundation Trust*

**OUTCOMES OF MODERATE TO SEVERE VALGUS KNEE ARTHRITIS (RANAWAT CLASSIFICATION 2 & 3) TREATED WITH CRUCIATE RETAINING TOTAL KNEE ARTHROPLASTY (CR TKA) – A MINIMUM OF 6 YEARS RESULTS**

**Gautam Reddy** *Locum Consultant Trauma Orthopaedics, University Hospitals Dorset NHS Foundation Trust*

**USE OF ARTICULATING ANTIBIOTIC LOADED PRE-DESIGNED SPACER IN TWO-STAGED REVISIONS FOR INFECTED TOTAL HIP ARTHROPLASTIES: A RETROSPECTIVE LONG-TERM OUTCOME STUDY**

**Sayantan Saha** *Specialty Registrar, Department of Trauma and Orthopaedics, Manchester University NHS Foundation Trust*

**ROLE OF LOW INTENSITY PULSED ULTRASOUND THERAPY (EXOGEN) IN RECALCITRANT UPPER LIMB NON-UNION**

**Bulelwa Bakumeni** *House Officer, King's College Hospital NHS Foundation Trust*

**MECHANOBIOLOGICAL RECONSTRUCTION FOR HIP PRESERVATION IN CHILDREN WITH PROXIMAL FEMORAL PATHOLOGICAL FRACTURES**

**Nirmal Raj Gopinathan** *Fellow JPOA, AO Trauma*

*PostGraduate Institute of Medical Education and Research (PGIMER), Chandigarh, India*

### 18.00 AGM

19.00 AGM Closes

### 20.00 Dinner

# DAY 2 PROGRAMME: SATURDAY 8<sup>TH</sup> JULY 2023

## SCIENTIFIC SESSION

08.00 Day 2 Registration and Refreshments

### 08.30 Session 7 - Free Papers

Moderators - Vikram Desai and Rohit Rambani

These were selected from the call for abstracts, each talk will be 4 minutes with time for questions at the end

#### COMPARISON OF RADIOLOGICAL AND FUNCTIONAL OUTCOMES OF HIGH TIBIAL OSTEOTOMY BETWEEN TWO PRINCIPLES OF PRE-OPERATIVE PLANNING

**Kevin Syam** Senior Clinical Fellow, Lancashire Teaching Hospitals NHS Foundation Trust

#### TRANSFIBULAR ANKLE ARTHRODESIS WITH USE OF SAGITALLY SPLIT FIBULA AS A BIOLOGICAL PLATE LEADS TO EXCELLENT OUTCOME: A RETROSPECTIVE ANALYSIS

**Pankaj Kumar Sharma** Associate Professor, Dept of Orthopedics, A.I.I.M.S., Bathinda, Punjab

#### MEDIUM TERM OUTCOMES OF MEDIAL PATELLOFEMORAL LIGAMENT RECONSTRUCTION USING SYNTHETIC GRAFT USING A MINIMALLY INVASIVE, ANATOMIC TECHNIQUE

**Ahmed Genena** Specialty Doctor, Trauma and Orthopaedics, James Paget University Hospital NHS Foundation Trust

#### NEUTRAL WEDGE DISTAL FEMORAL OSTEOTOMY FOR THE CORRECTION OF LARGE VALGUS AND VARUS DEFORMITIES AND RESULTS

**Hussain Al Omar** Limb Reconstruction Fellow, King's College Hospital NHS Foundation Trust

### 08.50 Session 8 - Trauma Revalidation – Upper Limb Trauma

Moderators - Mr Amit Sinha and Mr Arvind Desai

#### 08.50 Management of Carpal Injuries – An Update

**Mr Jon Compson**

Hand Surgeon (substitute Ortho)

King's College Hospital NHS Foundation Trust

#### 09.05 A Contemporary Approach to Assessment & Management of “Proximal Ulna Fracture Dislocations”

**Mr Joideep Phadnis**

Consultant Orthopaedic Surgeon

Brighton and Sussex University Hospitals NHS Trust

- Introduction of a novel framework for managing Proximal Ulna Fracture Dislocations
- Critical radiographic analysis
- Understanding key components that affect outcome
- Building a framework for surgical management
- Tips and tricks for surgical treatment of each critical component

#### 09.20 Management of Shoulder Injuries: An Update

**Mr Rohit Gupta**

Consultant Trauma & Orthopaedic Surgeon

Specialist in Shoulder / Upper Limb Surgery

Ashford & St. Peter's Hospitals NHS Foundation Trust

- Proximal humeral fractures: Technical tips using RSA
- Proximal humeral fractures: Evidence incl PROFHER
- ACJ injuries: Who to treat and When
- ACJ injuries: Novel Arthroscopic techniques

09.35 Discussion

### 09.45 Session 9 - Trauma Revalidation – Lower Limb Trauma

Moderators - Venu Kavarthapu and Amit Chandratreya

#### 09.45 Management of Ankle Fractures in Elderly and Diabetic

**Mr Jitendra Mangwani**

Consultant Orthopaedic Surgeon

University Hospitals of Leicester NHS Trust

#### 10.00 Management of Periprosthetic Fractures Around Hip and Knee – Updates & Decision Making

**Mr Nikhil Shah**

Consultant Orthopaedic and Trauma Surgeon

Wrightington, Wigan and Leigh Teaching Hospitals

- Periprosthetic fractures of the acetabulum
- Periprosthetic fractures of the femur
- An interactive case based discussion

#### 10.15 Injuries to the ACL and Tibial eminence in children – An Update

**Mr Nicolas Nicolaou**

Consultant Paediatric Orthopaedic Surgeon

Sheffield Children's Hospital

- ACL injuries in 2023- where we are with management
- Tibial eminence fractures- the role of surgery and options for fixation

10.30 Discussion

10.50 Comfort Break, Networking and Exhibition Viewing

# DAY 2 PROGRAMME: SATURDAY 8<sup>TH</sup> JULY 2023

## SCIENTIFIC SESSION

10.50 *Comfort Break, Networking and Exhibition Viewing*

### 11.25 Session 10 - Guest Speaker Orations

*Introduced by - Prof Amit Tolat*

#### 11.25 Spinal Trauma and Emergent Management of the Same

**Dr Neel Anand MD** (*Presidential Guest Speaker*)  
*Attending Spinal Surgeon and Chief of Spinal Surgery Service*  
Cedars Sinai Hospital Los Angeles, USA

*Introduced by - Mr Sunil Garg*

#### 11.45 Working Together: Engagement and Sustainable Systems

**Prof Deborah Eastwood**  
*President*  
British Orthopaedic Association

*Moderator - Sanjeev Anand*

#### 12.05 Innovations in Joint Preservation

**Prof Leela C Biant**  
*President*  
British Association for Surgery of the Knee

#### 12.25 President's Valedictory and Presentation of Lifetime Achievement Award

**Prof Amit Tolat**  
*President*  
British Indian Orthopaedic Society

12.40 *Lunch Break, Networking and Exhibition Viewing*

### 13.25 Session 11 - Non Traumatic Disorders of Joints

*Moderators - Mr Anand Arya and Kodali Prasad*

#### 13.25 Management of Massive Rotator Cuff Tears - An Update

**Mr Simon Lambert**  
*Consultant Orthopaedic Surgeon*  
University College London Hospital

- Functional ability correlates with pre-morbid anatomy
- Functional decrement correlates with pathoanatomy
- Pain generators and functional pathoanatomy do not necessarily correspond
- Treatment options are determined by a consideration of pre-morbid anatomy, the level of desired restoration of functional ability, an understanding of pain generators, and the quality of musculoskeletal tissues

#### 13.40 MRI innovations in clinical practise

**Dr Amanda Isaac**  
*Consultant Musculoskeletal Radiologist*  
Guy's and St Thomas' NHS Foundation Trust

#### 13.55 MIS Foot Surgery - An Update

**Mr Robbie Ray**  
*Consultant Orthopaedic Surgeon*  
Kings College Hospital NHS Foundation Trust

14.10 *Discussion*

*Moderator - Aravind Desai*

#### 14.20 What could a BIOS member expect from the Royal College of Surgeons of Edinburgh

**Mike Silva**  
*Member of council, Royal College of Surgeons of Edinburgh*  
*Consultant Hepatobiliary, Pancreatic (HPB) and General Surgeon*  
Oxford University Hospitals NHS Foundation Trust

As an individual surgeon the College can help with professional development, local workshops, progress to independent practice, networking and developing a national profile. This is an offer for members to engage with the college to seek out benefits.



# DAY 2 PROGRAMME: SATURDAY 8<sup>TH</sup> JULY 2023

## SCIENTIFIC SESSION

### 14.30 Session 12 - Free Papers

Moderator - Mukesh Hamady and Prakash Chandra

These were selected from the call for abstracts, each talk will be 4 minutes with time for questions at the end

#### **RADIOLOGICAL ASSESSMENT AND USE OF A SOFTWARE APPLICATION IN PREDICTING IMPLANT SIZE IN OXFORD UNI CONDYLAR KNEE ARTHROPLASTY**

**Aakaash Venkatesan** University Hospitals Sussex NHS Foundation Trust

#### **PAIN MAPPING AS A PREDICTIVE MODEL FOR DIAGNOSIS AND TREATMENT IN FOOT AND ANKLE CONDITIONS**

**Vidhi Adukia** ST7, Trauma and Orthopaedics, University Hospitals of Leicester NHS Trust

#### **COMPARISON OF A REVISION FEMORAL STEM IN PERIPROSTHETIC FRACTURES VERSUS ASEPTIC LOOSENING**

**Rajesh Pawar** United Lincolnshire Hospitals NHS Trust

#### **DOES THE DELAYED ARTHROPLASTY IN DISTAL HUMERAL FRACTURES COMPROMISES THE RESULTS**

**Anand Arya** Consultant Orthopaedic & Upper Limb/Elbow Surgeon, King's College Hospital NHS Foundation Trust

#### **IS THERE A CLINICAL AND FUNCTIONAL DIFFERENCE BETWEEN USING A QUADRICEPS TENDON OR QUADRUPLED HAMSTRING GRAFT IN ACL RECONSTRUCTION**

**Fady Awad**

Cwm Taf Morgannwg University Health Board

### 15.00 2 Best Papers and 2 Best Posters award and Fellowship reports

Moderators Sunil Garg and Sanjay Sonanis

### 15.30 Comfort Break, Networking and Exhibition Viewing

Moderator - Amitav Dutta

### 16.00 Art of War

**Mr Gora Pathak**

Consultant Orthopaedic Surgeon

Fitzwilliam Hospital, Peterborough

### 16.30 Closing Speeches / Handover to Next Year

### 17.30 Chill and Chat with Innotec Healthcare: Filling the Treatment Gap



This session will be focused around cartilage defect regeneration and treatment - with plenty of time for relaxed debate and questions around this important subject.

Room: Boardroom 1

### 17.30 Rendezvous with BIOS President

Chat session between new BIOS members and Prof Tolat to discuss opportunities of involving the new members in the various activities organised under BIOS.

Room: Boardroom 2

### 19.00 Gala Dinner & Dance

### 00.00 Carriages

# EXHIBITORS

Exhibitors will be available in the Buckingham 3 Suite during registration and breaks.

## Gold Exhibitors



## Silver Exhibitors



# EXHIBITORS

Exhibitors will be available in the Buckingham 3 Suite during registration and breaks.

## Bronze Exhibitors



# POSTERS

*These posters were selected from the call for abstracts and will be displayed around the conference area to view throughout the event*

## **NON-OPERATIVE AND OPERATIVE MANAGEMENT FOR POSTERIOR TIBIALIS TENDON DYSFUNCTION – A SYSTEMATIC REVIEW AND META-ANALYSIS**

**Vidhi Adukia**

*ST7, Trauma and Orthopaedics, University Hospitals of Leicester NHS Trust*

## **THE EVOLVING DEMOGRAPHICS OF SPINAL CORD INJURY PATIENTS AND THE FACTORS INFLUENCING OUTCOMES**

**Qasim Ajmi**

*University Hospitals of Derby and Burton NHS Foundation Trust*

## **COMPARING THE USE OF A BONE SCALPEL & BURR FOR SPINAL DECOMPRESSION, IS BURR STILL A VIABLE OPTION?**

**Qasim Ajmi**

*University Hospitals of Derby and Burton NHS Foundation Trust*

## **PERCUTANEOUS FIXATION OF UNSTABLE ANKLE FRACTURES IN ELDERLY PATIENTS WITH COMPROMISED SKIN AND COMORBIDITIES USING FIBULA NAIL**

**Abhishek Arora**

*Doncaster and Bassetlaw Teaching Hospitals NHS Foundation Trust*

## **EPIDEMIOLOGICAL STUDY OF PATELLAR TENDON INJURIES**

**Akshdeep Bawa**

*Senior Clinical Fellow, Trauma, St George's University Hospitals NHS Foundation Trust*

## **CLINICAL OUTCOMES FOLLOWING POSTERIOR MALLEOLAR ANKLE FIXATION**

**Spilios Dellis**

*Lewisham and Greenwich NHS Trust*

## **CHANGES IN PATELLOFEMORAL KINEMATICS SECONDARY TO ANTERIOR CRUCIATE LIGAMENT DEFICIENCY- A CROSS SECTIONAL OBSERVATIONAL STUDY**

**Karthikeyan Dhandapani**

*International Training Fellow, Orthopaedics, Dudley Group NHS Foundation Trust*

## **TROCHANTERIC TRIPLANE OSTEOTOMY FOR MODERATE TO SEVERE SLIPPED CAPITAL FEMORAL EPIPHYSIS**

**Nirmal Raj Gopinathan**

*Fellow JPOA, AO Trauma*

## **DISTAL FEMUR REPLACEMENT – AN OPTION FOR OSTEOPOROTIC FRACTURES IN ELDERLY**

**Kamran Hafeez**

*Specialty Doctor Trauma & Orthopaedics, Sherwood Forest Hospitals NHS Foundation Trust*

## **LATERAL FEMORAL CONDYLE “CRATER” SIGN OF “BRIK” FOR PATELLAR DISLOCATION**

**Kartik Iyengar**

*Honorary Professor, Apollo Hospitals Educational and Research Foundation (AHERF).*

*Fellow, Faculty of Surgical Trainers, RCS of Edinburgh*

*Fellow, Academy of Medical Educators (AoME), UK*

*Deputy Editor, Journal of Clinical Orthopaedics & Trauma (JCOT) | Elsevier.*

*Associate Editor, Journal of Orthopaedics (JOO) and Journal of Orthopaedic Reports (JOREP) | Elsevier.*

*Executive Committee Board Member, British Indian Orthopaedic Society (BIOS), UK*

*The Royal Orthopaedic Hospital NHS Foundation Trust*

## **EMERGING FROM THE PANDEMIC: DAY CASE ARTHROPLASTY INITIATIVE IN A DISTRICT GENERAL HOSPITAL**

**Nikhil Jawaharlal**

*SCF Trauma & Orthopaedics*

*Cwm Taf Morgannwg University Health Board*

## **THE PROPHYLACTIC USE OF CALCIUM SULPHATE AS A DRUG DELIVERY SYSTEM IN LOWERING THE INCIDENCE OF STUMP WOUND PROBLEMS FOLLOWING LOWER LIMB AMPUTATIONS**

**RaviPrasad Kattimani**

*Specialty Doctor, East Cheshire NHS Trust*

## **LONG TERM FOLLOW-UP OF METAL-ON-METAL HIP REPLACEMENTS IN YOUNG PATIENTS**

**RaviPrasad Kattimani**

*Specialty Doctor*

*East Cheshire NHS Trust*



# POSTERS

*These posters were selected from the call for abstracts and will be displayed around the conference area to view throughout the event*

## **DOES MEDIAL GASTROCNEMIUS FLAP IN PROXIMAL TIBIAL ENDOPROSTHETIC RECONSTRUCTIONS ASSIST IN ACTIVE KNEE EXTENSION DURING GAIT? - EXTENDED RESULTS OF A PILOT STUDY**

**Shah Alam Khan**

*Consultant, AIIMS, New Delhi*

## **FUNCTIONAL OUTCOME OF ACHILLES TENDON RUPTURES MANAGED WITH FIXED ANGLE BOOT AND WEDGES- IS IT ALL BAD- A RETROSPECTIVE ANALYSIS OF 37 PATIENTS**

**Karthik Kinagi**

## **OUTCOMES OF PRP INJECTIONS IN KNEE OSTEOARTHRITIS**

**Abhinandan Kotian**

*Registrar Trauma & Orthopaedics, University Hospitals of Derby and Burton NHS Foundation Trust*

## **COMPLICATIONS IN SEPTUAGENARIANS UNDERGOING THR WITH CEMENTED AND CEMENTLESS FEMORAL STEMS**

**Gunasekaran Kumar**

*Department of Trauma and Orthopaedics, Liverpool University Hospitals NHS Foundation Trust*

## **PERIPROSTHETIC HIP FRACTURES MANAGED BY REVISION ARTHROPLASTY**

**Uday Mahajan**

*University Hospitals Birmingham NHS Foundation Trust*

## **QUANTIFICATION OF ERROR IN THE MANUAL SEGMENTATION OF ANKLE CT SCANS**

**Jitendra Mangwani**

*Consultant Orthopaedic Foot and Ankle Surgeon, University Hospitals of Leicester NHS Trust*

## **CLINICAL AND RADIOLOGICAL RESULTS OF INDIRECT DECOMPRESSION OF SEVERE LUMBAR CANAL STENOSIS WITH LOW GRADE SPONDYLOLISTHESIS ACHIEVED BY XLIF WITH PERCUTANEOUS POSTERIOR INSTRUMENTATION**

**Shivan Marya**

## **ROLE OF SMARTPHONE APP SYSTEM IN IMPROVING PATIENT EXPERIENCE AND OUTCOMES IN KNEE ARTHROPLASTY**

**Naveen Joseph Mathai**

*Senior Clinical Fellow, Trauma and Orthopaedics, Cwm Taf Morgannwg University Health Board*

## **SINGLE CENTRE COHORT STUDY COMPARING MINIMALLY INVASIVE SURGERY (MIS) VS OPEN TECHNIQUES IN SPINAL LUMBAR FUSION SURGERY**

**Sahil Mhaisane**

*ITF, Spinal Surgery, Stockport NHS Foundation Trust*

## **CANTILEVER FAILURE OF MODULAR UNCEMENTED FEMORAL REVISION STEM [STRYKER RESTORATION MODULAR CONICAL DISTAL FEMUR STEM] IN PATIENTS WITH PROXIMAL FEMORAL DEFICIENCY: A CASE SERIES**

**Rahul Mohan**

*Speciality Registrar, Trauma and Orthopaedics, Mersey Deanery*

## **EVALUATION OF THE ACCURACY OF THE THERMOCHRON I-BUTTON FOR MEASURING PATIENT COMPLIANCE WITH BRACE WEAR IN IDIOPATHIC CLUB FOOT: METHOD COMPARISON STUDY**

**Rahul Mohan**

*Speciality Registrar, Trauma and Orthopaedics, Mersey Deanery*

## **EFFECTIVENESS OF VIRTUAL CLINIC IN MANAGING SUSPECTED SCAPHOID FRACTURES: A RETROSPECTIVE STUDY AT A BUSY SECONDARY HOSPITAL**

**Siddhartha Murhekar**

*Junior Clinical Fellow, King's College Hospital NHS Foundation Trust*

## **PARADIGM SHIFT IN MANAGING B2 PERIPROSTHETIC HIP FRACTURES: A CASE SERIES OF PERIPROSTHETIC FRACTURE[PPFX] ORIF**

**Aarjav Naik**

*Clinical Fellow, Trauma and Orthopaedics, Betsi Cadwaladr University Health Board*

## **ROLE OF LATERAL EXTRA-ARTICULAR TENODESIS IN THE OUTCOME OF REVISION ACL RECONSTRUCTION**

**Rajib Naskar**

*Royal Berkshire NHS Foundation Trust*

## **A COMPREHENSIVE REVIEW ON THE CURRENT USE OF SENSOR TECHNOLOGY IN KNEE REPLACEMENT SURGERY**

**Muhammed Ehsan Nazeer**

*Registrar, North Cumbria Integrated Care NHS Foundation Trust*

# POSTERS

*These posters were selected from the call for abstracts and will be displayed around the conference area to view throughout the event*

## **DOES PROPHYLACTIC CERCLAGE CABLE REDUCE SUBSIDENCE OF UNCEMENTED TFMT REVISION STEM: A RETROSPECTIVE STUDY**

**Dr Rajesh Pawar**

*MBBS, MS (Orth), MRCS, FRCS(Tr & Orth), United Lincolnshire Hospitals NHS Trust*

## **THE KING'S MULTIDISCIPLINARY DIABETIC FOOT ORTHOPAEDIC CLINIC – SERVICE EVALUATION AND PROVISION OF SERVICE TEMPLATE**

**Grishma Pradip**

*Surgical F1, King's College Hospital NHS Foundation Trust*

## **QUALITY OF LIFE AFTER AMPUTATION IN PATIENTS WITH ADVANCED COMPLEX REGIONAL PAIN SYNDROME- A SYSTEMATIC REVIEW**

**Swetha Prathap**

*Blackpool Teaching Hospitals NHS Foundation Trust*

## **ROLLED FREE EDGE OF MENISCUS' ON KNEE ARTHROSCOPY: A SIGN OF 'CONCEALED MENISCAL TEAR'**

**Sanjay Sonanis**

*Consultant Orthopaedic Surgeon, Hywel Dda University Health Board*

## **TUNING FORK LINES': A NEW RADIOLOGICAL METHOD TO DETERMINE TALAR SHIFT, DIASTASIS, AND DISPLACEMENT OF THE LATERAL MALLEOLUS IN ANKLE FRACTURES**

**Sanjay Sonanis**

*Consultant Orthopaedic Surgeon, Hywel Dda University Health Board*

## **IMPACT OF NONOPERATIVELY MANAGED TRAUMA AND ORTHOPAEDIC CASES ON HOSPITAL ADMISSIONS IN A DISTRICT GENERAL HOSPITAL**

**See-Yin Soo**

*FY1, NHS Grampian*

## **PROXIMAL FEMORAL ENDOPROSTHESIS WITH DUAL MOBILITY CUP A VERSATILE ARMAMENTARIUM FOR FUNCTIONAL LIMB SALVAGE IN COMPLEX NON TUMOR TOTAL HIP ARTHROPLASTY SITUATIONS**

**Vivek Thakker**

*International Fellow (Middle Grade), Wrightington Weigh and Leigh NHS Trust*

## **STUDY TO ESTABLISH CAUSES OF POOR COMPLIANCE WITH BONE HEALTH MEDICATIONS**

**Craig Wyatt**

*Trauma & Orthopaedics Fellow, Countess of Chester NHS Foundation Trust*

# E-POSTERS

These eposters were selected from the call for abstracts and will be displayed virtually on the conference landing page for you to view in your own time

## CHANGING PERSPECTIVE OF INDIAN ORTHOPEDIC IMG

**Aditya Aggarwal**

International Surgical Training Fellow, Trauma and Orthopaedic Surgery  
Sandwell and West Birmingham NHS Trust

## EVALUATION OF THE RESULTS OF MANAGEMENT OF COMMUNUTED INTRA-ARTICULAR DISTAL END RADIUS FRACTURES IN OSTEOPOROTIC PATIENTS USING BRIDGING PLATE TECHNIQUE

**Ehab Ali**

## PERCUTANEUS K-WIRE FIXATION OF VOLARLY DISPLACED PAEDIATRIC DISTAL RADIUS FRACTURE WITH REVERSE KAPANDJI TECHNIQUE-ANALYSIS OF RESULTS AND PRACTICAL GUIDANCE

**Abhishek Arora**

Department of Trauma and Orthopaedics  
Doncaster and Bassetlaw Teaching Hospitals NHS Foundation Trust

## TECHNICAL TIPS USING PERCUTANEOUS K-WIRES FOR DISPLACED PAEDIATRIC RADIAL NECK FRACTURES WITH AND WITHOUT MONTAGGIA FRACTURE DISLOCATION

**Abhishek Arora**

Department of Trauma and Orthopaedics  
Doncaster and Bassetlaw Teaching Hospitals NHS Foundation Trust

## SURGICAL SITE INFECTION RATES IN ELECTIVE ARTHROPLASTY PATIENTS IN A NON-RING FENCED SETUP DURING THE COVID-19 PANDEMIC

**Nikhil Jawaharlal**

SCF Trauma and Orthopaedics  
Cwm Taf Morgannwg University Health Board

## POST COVID TRAUMA AND ORTHOPAEDICS NATIONAL HIGHER SPECIALITY TRAINING SELECTION PROCESS

**Uday Mahajan**

University Hospitals Birmingham NHS Foundation Trust

## A COMPARATIVE ANALYSIS OF DISTAL LOCKED AND UNLOCKED LONG PROXIMAL FEMORAL NAIL ANTIROTATION (PFNA-II) IN THE FIXATION OF STABLE INTERTROCHANTERIC FRACTURES

**Prajwal Mane**

Assistant Professor  
Kasturba Medical College, India

## CORONOID COVERAGE HEIGHT AND CORONOID COVERAGE INDEX ARE EFFECTIVE AT QUANTIFYING ANTEROMEDIAL AND APICAL BONE LOSS IN CORONOID FRACTURES OF THE ELBOW

**Olamide Oyelade**

## SHOULDER MRI PLANNING: AVOIDING DISCREPANCIES & HELPING SURGEONS

**Abhijit Sahu**

Senior Clinical Fellow  
South Tyneside and Sunderland NHS Foundation Trust

## DEVELOPMENT OF AN OPEN-SOURCE FINITE ELEMENT ANKLE MODEL FOR IN-SILICO INVESTIGATION OF THE ANKLE JOINT

**Jitendra Mangwani**

Consultant Orthopaedic Foot and Ankle Surgeon  
University Hospitals of Leicester NHS Trust

## AWAKE SHOULDER ARTHROSCOPY - A COMPARTIVE STUDY

**Amrit Jha**

International Training Fellow  
Wrightington Weigh and Leigh NHS Trust

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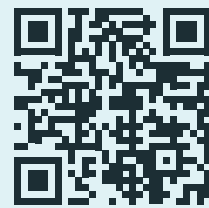


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**Reference:** 1. Bliddal, H, Overgaard, A, Hartkopp, A et al. (2021) Polyacrylamide Hydrogel Injection for Knee Osteoarthritis: A 6 Months Prospective Study. J Orthopedic Research and Therapy, 6 (2). 1188. ISSN 2575-8241.

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1. Molina, C., Stinner, D., & Obrensky, W. Treatment of Traumatic Segmental Long-Bone Defects: A Critical Analysis Review. JBJS Reviews, 2(4) (2014).

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3. M. Vanderkarr, C. Sparks, S. Wolf, A. Chitnis, J. Ruppenkamp, C. Holy: Costs and Healthcare Utilization of Trauma Cases with Comminuted Type III Fractures. Poster presented at ISPOR EU 2019.

4. Ziad Dahabreh, Rozalia Dimitriou, Peter V. Giannoudis. Health economics: A cost analysis of treatment of persistent fracture non-unions using bone morphogenetic protein-7. Injury, Volume 38, Issue 3, March 2007, Pages 371-377.

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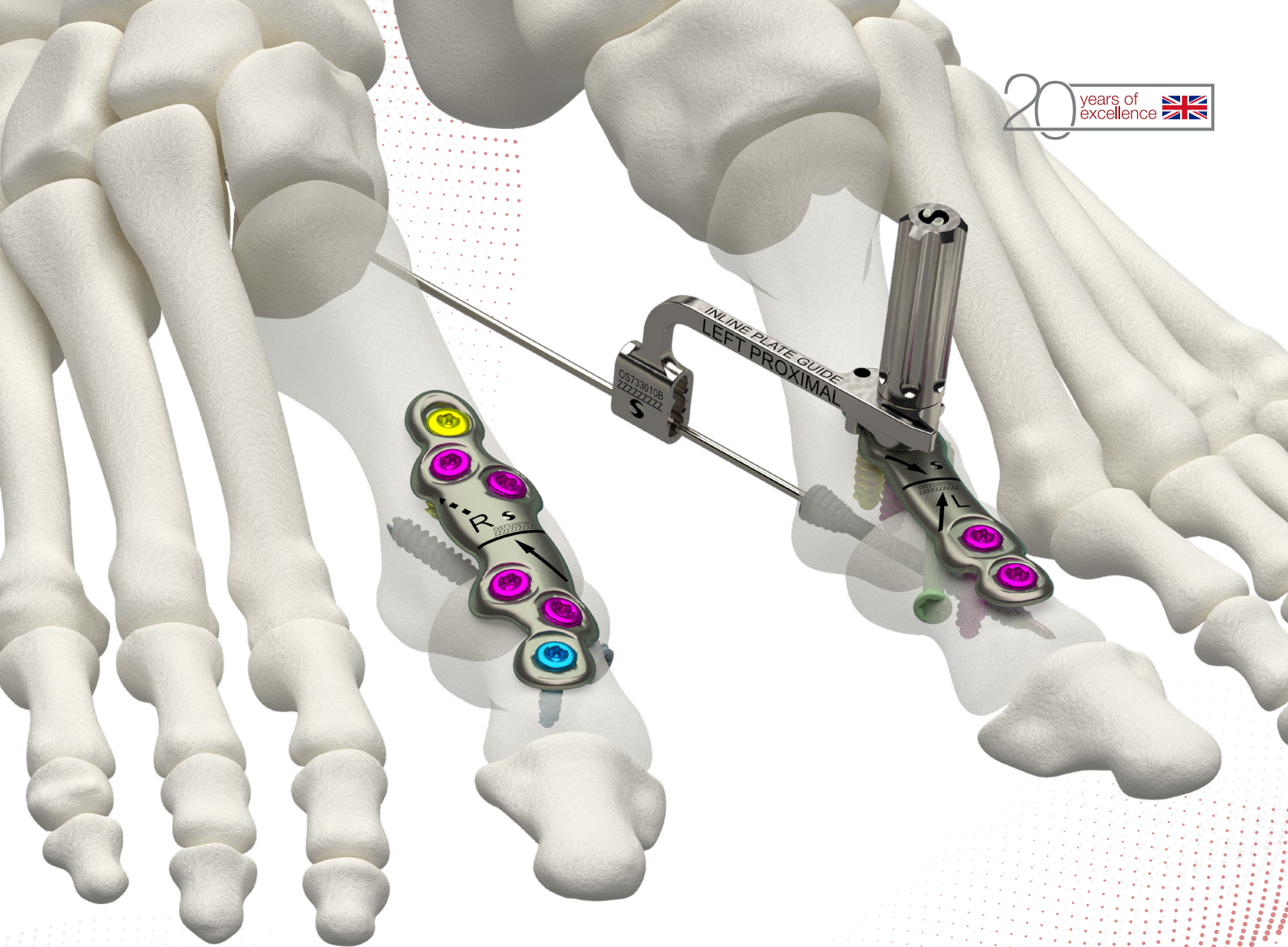


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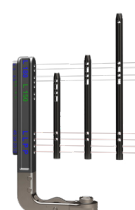
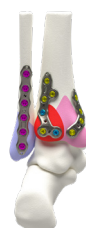




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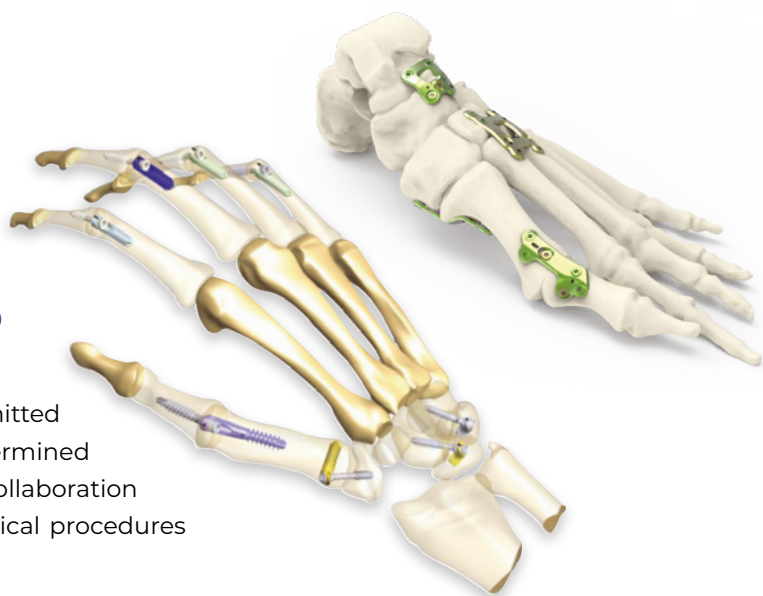
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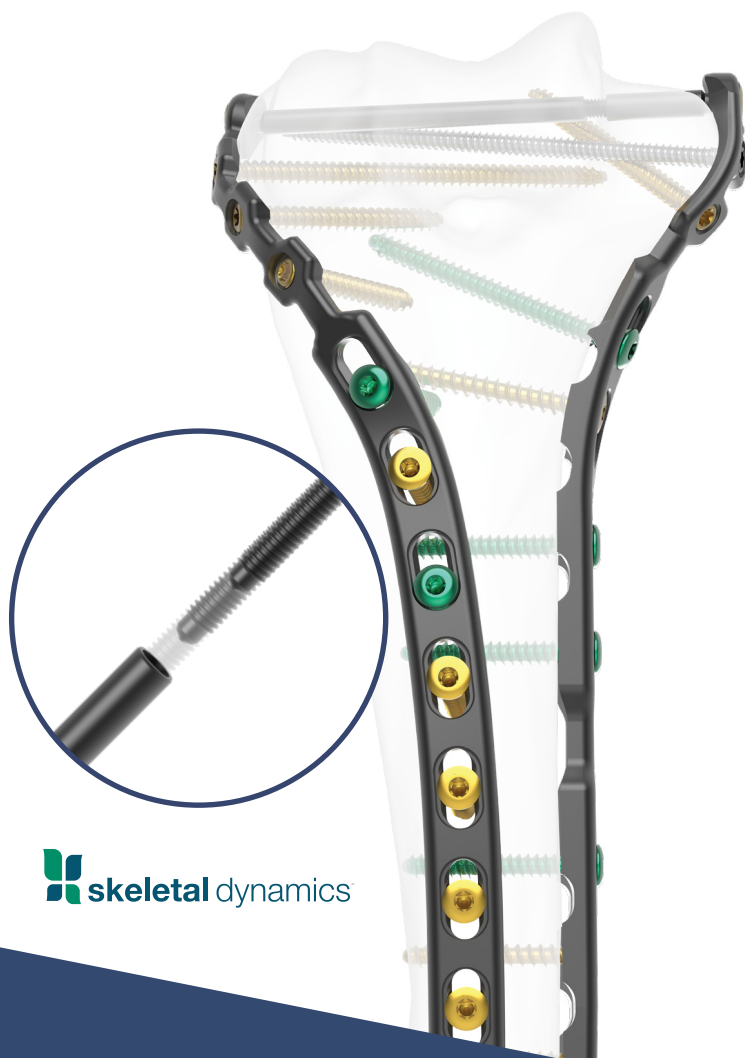


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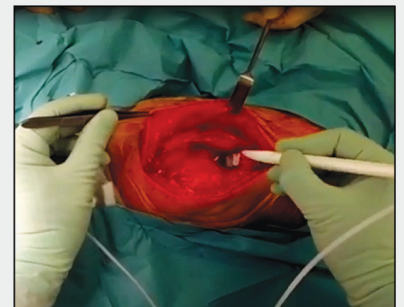


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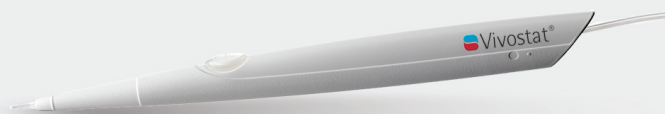
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