

EBJIS-MSIS 2026 Detailed Programme

17-19 September 2026, Alfândega Congress Centre, Porto

Last update: 14 August 2026

Thursday, 17 September 2026				
07:30	Registration opens			
Plenary Room - The Archive Hall		Parallel Session Room - The Infante Hall		Parallel Session Room - D. Maria Hall
08:30-08:50	Opening session: Welcome by Local Chairs and EBJIS and MSIS Presidents			
08:50-09:40	Key session 1: Europe vs North America Showdown I: DAIR – A clash of protocols	Chairs: Marjan Wouthuyzen-Bakker & Poorani Sekar		
08:50-09:05	European view - Twelve Weeks and Done: Why Less May Be Enough	Adrien Lemaignen (France)		
09:05-09:20	American view - Suppress and Control: The Case for SAT after DAIR	Neel Shah (US)		
09:20-09:40	Discussion			
09:40-10:30	Key session 2: Europe vs North America Showdown II: Staged Revision – How Much Is Enough? One, 1.5 or More?	Chairs: Anne Sullivan & Martin Clauss		
09:40-09:55	American view - Two is Better Than One: Why We Still (mostly) Stage It	Ken Urish (US)		
09:55-10:10	European view - 1.5 Stage: 0.5 Too Much?	Ricardo Sousa (Portugal)		
10:10-10:30	Discussion			
10:30-11:00	Coffee break / Posters / Exhibition			
	Poster Session 1 in Ribeira Halls (Presentation of selected paper posters - 5 x 3+2 min)			
11:00-12:30	Free Paper Session A: PJI – Surgical Management: DAIR & Revision (10 x 6+2 min)	Free Paper Session B: Antimicrobial Therapy & Stewardship (10 x 6+2 min)	Short Communications 1: PJI – Surgical & Revision (16 x 3+2 min)	
	DAIR outcomes in acute hip and knee prosthetic joint infections: predictive factors for failure and performance of KLIC and CRIME80	Daniel Medina-Dias (Portugal)	Implementation of Institutional Guidelines for Oral Therapy for Osteomyelitis	William Simmons (US)
	Understanding the reasons for delayed referral for DAIR in PJI: a multi-center prospective mixed-model study	Parham Sendi (Switzerland)	Implementing a Standard Operating Procedure Is Associated with Improved Vancomycin Target Attainment in Bone and Joint Infections: A Pre-Post Study	Felix Werneburg (Germany)
	Preformulated antibiofilm irrigation does not improve outcomes in DAIR for acute periprosthetic joint infection: a randomized controlled trial	Rafael Oleo Taltavull (Spain)	Improving Achievement of Therapeutic First Vancomycin Trough Levels in Patients with Bone and Joint Infection	Eleanor Deane (UK)
	CRP kinetics following DAIR: not every CRP spike is associated with DAIR failure	Urban Vadnjal (Slovenia)	Doxycycline Monotherapy for Bone and Joint Infections: A Retrospective Cohort Study of 163 Patients in a Specialist Orthopaedic Hospital	Félix Antoine Garneau Picard (Canada)
	5-Year Results After Two-Stage Exchange for Chronic Periprosthetic Hip Infection: Discrepancy Between Infection Control and True Treatment Success	Andre Lunz (Germany)	AJISS: A Predictive Antibiotic Duration Score derived from a Systematic Review and Meta analysis of native and prosthetic joint infections RCTs	Freddy Bombah (Belgium)
	Is it Time for Durable Functional Antibiotic-laden Spacers to Supplant Two-stage Exchange Arthroplasty as the Gold-standard for Treating TKA-PJI?	Niel Panchal (US)	No Benefit of Extended Oral Antibiotics Following Two-Stage Reimplantation Total Knee Arthroplasty for Periprosthetic Joint Infection	Billy Kim (US)
	Single-Stage Exchange With Simultaneous Extensor Mechanism Reconstruction for Chronic Knee Periprosthetic Joint Infection With Sinus Tract and Extensor Deficiency	Wenbo Mu (China)	Extended oral antibiotic prophylaxis following aseptic total knee arthroplasty revision not found to reduce periprosthetic joint infections through five years	Ilda Molloy (US)
	Predictive Model for Incisional Complications Following Revision Arthroplasty	Weijun Wang (China)	Cefazolin Versus Cefazolin Plus Vancomycin Prophylaxis for Primary THA Patients Without Documented MRSA Colonization: An ASAP trial informed Propensity-Matched Analysis	Bethany Lehman (US)
	Laser-assisted fluorescent angiography in primary and revision knee arthroplasty	Erik Rader (US)	Rifampicin-Fluoroquinolone vs Rifampicin-Minocycline in Prosthetic Joint Infection: A Retrospective Cohort Study	Belinda Trobec (Italy)
	Surgical Trend Analysis of Longitudinal Levels of Enduring Deep Surgical Site Infection Risk after Hip and Knee Arthroplasty	Denise Smith (US)	Bug, Drug, Timing: How a Real-World Multidisciplinary Framework Optimises Antimicrobial Stewardship in Hip and Knee Periprosthetic Joint Infection	Martina Arandjelovic (Portugal)
12:30-14:00	Lunch break / Posters / Exhibition			
12:45-13:45	Industry Symposium A		Industry Symposium B	
14:00-15:00	Key session 3: Europe vs North America Showdown III: Antibiotic Strategies – Same Bugs, Different Logic?	Chairs: Angela Hewlett & Miguel Abreu		
14:00-14:15	IV vs Oral vs Local antibiotics: Rethinking the Front Line in Bone and Joint Infections	Matthew Scarborough (UK)		
14:15-14:30	Rifampin – A Friend or Foe in PJI Management?	Nicolás Cortés-Penfield (US)		
14:30-14:45	Beyond MICs: Why PK/PD Matters in Bone and Joint Infections	Sylvain Goutelle (France)		
14:45-15:00	Discussion			

15:00-16:00	Free Paper Session C: Fracture-Related Infection & Orthoplastics (7 x 6+2 min)		Free Paper Session D: Preclinical: Biofilm, Persistence & Pharmacokinetics (7 x 6+2 min)		Short Communications 2: Antibiotics & Antimicrobial Strategies (11 x 3+2 min)	
	Clinical Outcome after Surgery for Fracture-related Infection is Dependent on Both Microbiology and the Host Inflammatory Response	Martin McNally (UK)	Polyhexanide Combined with Mechanical or Ultrasonic Disruption Enables Rapid Eradication of Implant-Associated Biofilms	Kun Shi (Germany)	Benzoyl Peroxide Reduces Intraoperative Re-emergence of Cutibacterium acnes Compared With Hydrogen Peroxide in Shoulder Arthroscopy: A Prospective Factorial Study	Hideki Kamijo (Japan)
	Fracture-related infection following severe open lower limb fracture: experience from a linked Major Trauma Centre and Quaternary Bone Infection Unit	Louisa Woolley (UK)	In vitro activity of antiseptics used alone or in sequential combination against methicillin resistant Staphylococcus aureus biofilms on titanium	Freddy Bombah (Belgium)	Efficacy and Safety of Rifabutin in Implant-Associated Bone and Joint Infections: A Multicenter Retrospective Study	Barth���

Friday, 18 September 2026									
06:30		EBJIS Charity Run							
Plenary Room - The Archive Hall			Parallel Session Room - The Infante Hall				Parallel Session Room		
07:15-08:15									
08:30-09:30	Key session 5: Not Just Another Joint: What Makes Shoulder Infections Different?	Chairs: Mariana Silva & Matthew Dietz	Case Discussion Sessions: Infection Disasters		Panel: André Grenho, Alex Ramsden, Nico Piuzzi & Parham Sendi				
08:30-08:45	Culture: Contamination or Colonisation? Making Sense of C. acnes in Shoulder Surgery	Yvonne Achermann (Switzerland)	Case 1		André Carvalho (Portugal)				
08:45-09:00	Shoulder Rules: Time to Break Free from Hip and Knee Algorithms?	Matthew Budge (US)	Case 2		Ana Ribau (Portugal)				
09:00-09:15	Treating the Quiet Joint: Surgical and Antibiotic Strategies for Shoulder PJI	Carlos Torrens (Spain)	Case 3		Pedro Atilano (Portugal)				
09:15-09:30	Discussion								
09:30-10:30	Key session 6: MDR Gram Negatives: The New Frontier of Resistance	Chairs: Willem Metsemakers & Mauro Salles	Journal of Bone and Joint Infection (JBJI) Session - Insights & Best Papers						
09:30-09:45	Rising Tide: The Global Surge of MDR Gram-Negative Infections	Miguel Abreu (Portugal)	Presented by the JBJI Editors-in-chief		Derek Amanatullah (US)				
09:45-10:00	Debridement Alone Is Not Enough: Rethinking Surgical Strategies for MDR Gram Negatives	Aditya Menon (India)			Fintan Moriarty (Switzerland)				
10:00-10:15	First-Line Problems, Last-Line Agents: Old and New Antibiotics	Jessica Seidelman (US)							
10:15-10:30	Discussion								
10:30-11:00 Coffee break / Posters / Exhibition									
Poster Session 3 in Ribeira Halls (Presentation of selected paper posters - 5 x 3+2 min)									
11:00-12:30	Free Paper Session E: Difficult-to-Treat Infection & Local Antibiotic Therapy (10 x 6+2 min)		Free Paper Session F: Microbiology, Diagnosis & Basic Science (10 x 6+2 min)			Short Communications 3: Diagnosis, Microbiology & Basic Science (16 x 3+2 min)			
	Virulence-Based Risk Stratification After Single-Stage Revision for Periprosthetic Joint Infection	Wenbo Mu (China)	Microbiology of Periprosthetic Joint Infection in Total Hip Arthroplasty: Is Organism Profile Changing Across the United States and Europe?		Vinay K. Aggarwal (US)	Comparative analysis of laboratory markers of synovial fluid in the verification of periprosthetic joint infection		Alexandr Kriklivyy (Kazakhstan)	
	Fungal Periprosthetic Joint Infection as a Marker of Persistent Polymicrobial Biofilm: A Matched Cohort of Surgical Burden and Chronic Outcomes	Derek Amanatullah (US)	Impact of intraarticular injection of methylene blue on microbiological sampling in Periprosthetic Joint Infection: perspective and retrospective experimental study		Paolo Martini (Italy)	Dithiothreitol and sonication to improve sensitivity of synovial fluid culture: an in vitro study		Nicola Logoluso (Italy)	
	Outcomes of Fungal Versus Bacterial Periprosthetic Joint Infections After Total Hip and Knee Arthroplasty: Retrospective Cohort Analysis of 461 Cases	Allison Chowdhury (US)	Sonostandard: Sonication for implant-associated infections: a Swiss consensus protocol		Nader Maai (Switzerland)	Rapid novel molecular method for enhanced detection of periprosthetic joint infection		Inge van Loo (Netherlands)	
	Bacteria-Specific Mortality After Revision for Prosthetic Joint Infection: A Nationwide Cohort Study of 2455 hip and knee revisions	Alexander Bech Lindgaard (Denmark)	Proteomic Profiling of Synovial Fluid in Septic and Aseptic Revision Arthroplasty: Insights into Molecular Signatures of Periprosthetic Joint Infection		Sujeesh Sebastian (Austria)	Tailored Diagnostics in Joint Arthritis: insights from synovial fluid leukocyte count, polymorphonuclear cells, PCR and Culture		Heleen Nailis (Belgium)	
	Cyclical Local Exchange with Antibiotic Revision (CLEAR) Protocol Has Decreased One-Year Failure Versus Repeat Two-Stage Exchange Arthroplasty for Recalcitrant PJI	Kenneth L. Urish (US)	Beyond Indications: Real-World Performance of Multiplex PCR in Non-Synovial Musculoskeletal Infections		Aditya Menon (India)	Microbiological Profiles and Antibiotic Resistance Patterns in Shoulder, Hip and Knee Periprosthetic Joint Infections: A 5-Year Retrospective Single-Centre Cohort Study		Lucas Emil Jørgensen Østergaard (Denmark)	
	Topical antibiotic powder for pelvic and lower limb fractures: a systematic review and meta-analysis	João Pedro Lima (Brazil)	Molecular vs Conventional Microbiology in Musculoskeletal Infection: Near-Complete Detection with Combined Testing but Significant Discordance		Aditya Menon (India)	Bone and joint infections caused by fastidious bacteria. Which bacteria are we talking about?		Tiphaine Roussel-Gaillard (France)	
	Reduced risk for periprosthetic joint infection after revision arthroplasty using dual antibiotic-loaded bone cement: a register-based study on 8562 patients	Stergios Lazarinis (Finland)	Clinical, microbiological, and therapeutic profile of multidrug-resistant fracture-related infections and prosthetic joint infections		Ahmed Adel Bezzaouia (Tunisia)	Against the Native Joint Microbiome: Uniformly Negative NGS in Hip Synovial Fluid with Paired Saline Controls		Edward McPherson (US)	
	Cyclic Local Antibiotic Irrigation to Treat Periprosthetic Joint Infection: 24-Month Treatment Outcomes from Two Prospective, Randomized Trials	Nicolas Piuzzi (US)	Serum metabolomic signatures differentiate fracture-related infections and infected non-union in a pathogen-specific manner.		Claudia Siverino (Switzerland)	Microbiological Patterns in periprosthetic joint infections: Subgroups of Monomicrobial and Polymicrobial Infections		Veronika Achatz (Austria)	
	Antibiotic-Loaded Calcium Sulphate Beads in Orthopaedic Infections: Clinical Outcomes of 166 Patients from a Tertiary Trauma Centre	Sivakumar S P (India)	Rethinking Bacterial Osteolysis: Evidence Beyond the RANKL Paradigm		Anton Alexander Nolte Peterlin (Denmark)	Clonality of Staphylococcus aureus in Fracture-Related and Prosthetic Joint Infections and Implications for Therapeutic Phage Development		Nazary Nebeluk (US)	
	Dual Antibiotic-Loaded Bone Cement is More Cost-Effective than Single Antibiotic-Loaded Bone Cement in Patients Undergoing Aseptic Revision Total Knee Arthroplasty	Matthew Dietz (US)	Fluorescent anti-PNAG demonstrate superior accumulation at the infection site in a murine model of S. aureus Implant-Associated Osteomyelitis		Nis Pedersen Jørgensen (Denmark)	Can a Single Concentration of Bioactive Glass Achieve Both Osteogenic and Antibacterial Effects?		Bolaji John Samuel (Germany)	
						Serology Alone Is Insufficient: Preoperative Aspiration Nearly Eliminates Diagnostic Uncertainty in Periprosthetic Joint Infection		Frank Johannes Plate (US)	
						Next Generation Sequencing Test for Diagnosing PJI Is Not Affected by Previous Antibiotics		Kenneth Mathis (US)	
						Alpha-Defensin Has Poor Utility in the Diagnosis of Acute Postoperative PJI: A Multicenter Study		Saad Tarabichi (US)	
						In Vitro Assessment of the Biocompatibility and Antimicrobial Activity of S53P4 Bioactive Glass Micron Powder against Biofilm Formation		Jacobus Arts (Netherlands)	
						Gram negative bacilli in bone and joint infections: a five year retrospective one-center study		Elena De Vecchi (Italy)	
						Risk Factors and Microbiological Profile of Periprosthetic Joint Infections with Polymicrobial Infections: a case-control study		Baochao Ji (China)	
12:30-14:00 Lunch break / Posters / Exhibition									
12.45-13.45	Industry Symposium E		Industry Symposium F						

14:00-15:00	Key Session 7: Europe vs North America Showdown V: Prevention & Preop Assessment – Diverging Approaches?		Chairs: Anne Sullivan & Daniel Perez-Prieto	
14:00-14:15	Too Big or Too Sweet to Replace? Risk Stratification Tools and Prohibitive Thresholds		Nicolas Piuzzi (US)	
14:15-14:30	From Red Flags to Green Lights: Multidisciplinary Strategies to Prepare High-Risk Patients		María Sigurðardóttir (Iceland)	
14:30-14:45	Beyond the Cut: Innovative Intra operative Prophylaxis in Arthroplasty		Derek Amanatullah (US)	
14:45-15:00	Discussion			
15:00-16:00	Free Paper Session G: Prevention, Dosing & Outcomes (7 x 6+2 min)		Free Paper Session H: Host Response, Immunity & Emerging Therapies (7 x 6+2 min)	
	Redefining Surgical Incision Outcomes: International Consensus and Validation of a Novel Universal Classification System	Antonia F. Chen (US)	Bacteriophage Monotherapy Achieves Clinical Suppression of Untreatable Multidrug-Resistant Periprosthetic Joint Infection	Kenneth L. Urish (US)
	Postoperative “Prophylactic” Oral Antibiotic Use Is A Marker for Subsequent Infection After Aseptic Revision Total Hip Arthroplasty	Billy Kim (US)	T Cell Exhaustion in Bone Infection and Adverse Clinical Outcome	Gowri Muthukrishnan (US)
	A Target-Based Population Pharmacokinetic and Pharmacodynamic Analysis for Intra-articular Dosing Regimen Optimization of Vancomycin in Patients with Periprosthetic Joint Infections	Ruijuan Xu (China)	Immune Dysregulation in Human Periprosthetic Joint Infection: Insights from Synovial Fluid Analysis	Patricia Bartsch (Germany)
	Management of Pyogenic Flexor Tenosynovitis: A 10-Year Retrospective Study of 300 patients	Florent Valour (France)	In Vivo Transcriptional Dynamics of Virulence Factors in Clinical Staphylococcus aureus Isolates During Fracture-Related Infection	Susanne Bärtl (Germany)
	Detrimental Mental Health Outcomes Following Periprosthetic Joint Infection: A Systematic Literature Review	Carlos Higuera Rueda (US)	Adjunctive Local Bacteriophage Therapy for Refractory Musculoskeletal Infections: A Prospective Case Series	Louise Sykora (Belgium)
	In-Vivo evaluation of the efficacy of locally delivered antibiotics encapsulated in microparticles for early PJI: Improving the results of DAIR	Jose María Martínez Rodríguez (Spain)	Evaluation of ELP-004 as a therapeutic strategy to preserve bone integrity in a preclinical prosthetic joint infection model	Beethi Sinha (US)
	Prevention of murine subcutaneous titanium implant-associated infection by SAAP-148-loaded Bioactive Glass S53P4 putty	Deeksha Rajkumar (Netherlands)	Bacteriophage-antibiotic combination therapy against Pseudomonas aeruginosa implant-related infections in Galleria mellonella	Ombretta Balbi (Germany)
16:00-16:30	Coffee break / Posters / Exhibition			
	Poster Session 4 in Ribeira Halls (Presentation of selected paper posters - 5 x 3+2 min)			
16:30-17:30	Key session 8: From Definition to Classification: Evolving the PJI Framework		Chairs: Robin Patel & Irene Sigmund	
16:30-16:45	Getting the Definition Right: Validating the Unified PJI Definition		Marjan Wouthuyzen-Bakker (Netherlands)	
16:45-17:00	Beyond Diagnosis: The Role of Classification in Understanding and Treating PJI		André Grenho (Portugal)	
17:00-17:15	A New Common Language: Presenting a Unified Classification for PJI		Edward McPherson (US)	
17:15-17:30	Discussion			
17:45-19:00				
20:00	EBJIS Conference Dinner at Palácio da Bolsa (Admission by pre-booked ticket only. Tickets are available for purchase via the online registration)			

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Plenary Room - The Archive Hall		
08:45-09:00	Travelling Fellowship Report 2025	
09:00-10:00	Key session 10: BJI Outcome Metrics: Measuring What Matters	Chairs: Ricardo Sousa & Alex Soriano
09:00-09:15	What Success Means: Standardising Outcome Metrics in PJI and FRI	Mario Morgenstern (Switzerland)
09:15-09:30	Beyond Infection Eradication: Patient Reported and Functional Endpoints	Laurens Manning (Australia)
09:30-09:45	Scars Beneath the Surface: The Psychological Toll of Bone and Joint Infections	Vincent Tilo Krenn (Germany)
09:45-10:00	Discussion	
10:00-10:30	Coffee break / Posters / Exhibition	
	Poster Session 5 in Ribeira Halls (Presentation of selected paper posters - 5 x 3+2 min)	
10:30-12:00	Best Papers Session (10 x 6+2 min)	Chairs: Martin Clauss & Ken Urish
	Beyond Surgical Strategy: Host Status and Timing Drive Early Failure in Fracture-Related Infection—Preliminary Results from the ESGIAI-ESCMID FRIMAL Pilot Study	Raquel Garcia Albea (Spain)
	Can Local Antibiotics Replace Long Course Systemic Therapy in Fracture-related Infection?	Martin McNally (UK)
	Total Joint Arthroplasty Periprosthetic Joint Infections are Not Reduced With Intraoperative Vancomycin: A Large National Database Study	Lee Rubin (US)
	Universal Nasal Povidone-Iodine Staphylococcal Decolonization for Total Joint Arthroplasty of the Hip and Knee in a Health Safety-Net Hospital	Ayesha Abdeen (US)
	Comparison of infection definitions in diagnosing low-grade periprosthetic joint infections	Markus Luger (Austria)
	Peripheral immune profiling identifies CD38+ regulatory T cells as a candidate biomarker for fracture-related infection in nonunion	Katharina Trenkwalder (Germany)
	Immune Cell Response to Orthopaedic Implants is Affected by Both Local Fracture Conditions and Circulating Cytokines	Bailey Fearing (US)
	Continuous Local Antibiotic Perfusion Reduces Failure and Unplanned Reoperation in Fracture-Related Infection: Expanded Multicenter Study	Akihiro Maruo (Japan)
	Bacterial Aggregates Within Body Fluids Represent a Metabolically Distinct State Compared with Planktonic and Biofilm Growth	Nazary Nebeluk (US)
	Prospective Evaluation of a Standardized Outcome Reporting System for Fracture-Related Infection (FRI-end): A Cohort Study	Noemie Reinert (Switzerland)
12:00-12:30	Honorary Lecture	
	Robin Patel (US)	
12:30-12:45	Closing Remarks & Prizes	
12:45-14:00	Farewell lunch	