

EBJIS 2021 Scientific Programme

7 October 2021		Room: Marmorna Hall, ground floor	Room: Urška, 2nd floor	
7:00	Registration at the foyer			
08:30-08:50	Welcome & Opening Ceremony	Marko Pokorn & Rihard Trebše		
08:50-09:50	Key session 1: Perceptions in Managing Orthopaedic Infections	Chairs: Marko Pokorn & Rihard Trebše		
08:50-09:05	Risk and medical decision making	Hansjorg Neth		
09:05-09:20	How can we investigate bone and joint infections?	Martin McNally		
09:20-09:35	Antibiotic stewardship in Orthopaedics	Bojana Beović		
09:35-10:35	Key session 2: Optimising Antibiotic Treatment of Bone & Joint Infections	Chairs: Lea Papst & Marjan Wouthuyzen-Bakker		
09:35-09:50	Optimizing PJI treatment – Management adaptation according to the pathogen, patient and surgeon	Andrej Trampuž		
09:50-10:00	Intravenous or oral antibiotics in PJI	Matthew Scarborough		
10:00-10:10	Interactions between antibiotics and other drugs	Nataša Faganeli		
10:10-10:20	Pharmacokinetics of antibiotics in osteoarticular infections	Francoise van Bambeke*		
10:20-10:35	Discussion			
10:35-11:15	Refreshment break	Posters & Exhibition		
11:15-12:40	Free Papers A (10 x 6 min. + 2 min.)	Chairs: Rene Mihalič & Marko Pokorn	Free Papers B (10 x 6 min. + 2 min.) Chairs: Boštjan Služa & Lea Papst	
11:15-11:23	FP A 01	Outcome Of Streptococcal Prosthetic-Joint Infections Arnaud Fischbacher	FP B 01	The Characteristics Of Early Fracture-Related Infections In A Large Retrospective Multicenter Cohort Study Michelle Buijs
11:23-11:31	FP A 02	The Influence Of The Duration Of The Spacer Interval On The Clinical Outcome During Two-Stage Prosthesis Exchange In Septic Hip And Knee Revision Arthroplasty Jan Pützler	FP B 02	Is The Use Of Guideline-Based Systemic Antibiotics In Fracture Related Infection Correlated With A Favourable Clinical Outcome? Bridget Atkins
11:31-11:39	FP A 03	No Reduction Of Periprosthetic Joint Infection Rates After A National Infection-Control Initiative: An Incidence Study Of 45 438 Primary Total Knee Arthroplasties. Olof Thompson	FP B 03	Can Necrotic Bone Be Objectively Identified In Chronic Fracture Related Infections? – First Clinical Experience With An Intraoperative Fluorescence Imaging Technique Markus Rupp
11:39-11:47	FP A 04	Multicenter Retrospective Observational Study Of Gram-Negative Prosthetic-Joint Infections Matteo Carlo Ferrari	FP B 04	Antibiotic Prescribing For Open Fractures: A Quality Improvement Project To Enhance Boast 4 Attainment Anja Imsirovic
11:47-11:55	FP A 05	Double-Dose Cefuroxime Concentrations In Bone, Synovial Fluid Of The Knee Joint And Subcutaneous Adipose Tissue—A Randomised Porcine Microdialysis Study Andrea René Jørgensen	FP B 05	What Affects Outcome After Treatment Of Fracture-Related Infection? Martin McNally
11:55-12:03	FP A 06	Rifampicin Restores The Metabolic And Bone-Formation Activities Of Osteoblasts After Intracellular Staphylococcus Aureus Infection Mannala Gopala	FP B 06	Management Of Soft-Tissue Reconstruction In Fracture-Related Infection: Orthoplastic Long-Term Outcome And Risk Factor Analysis Rik Osinga
12:03-12:11	FP A 07	Healing Prognostic Factors After Dair Treatment Of Late Acute Total Knee Arthroplasty Infection Gloria Pedemonte	FP B 07	High Incidence Of Enterobacter Cloacae In Acute Infections Post Osteosynthesis Of Ankle Fractures. Multicenter Study. Ana Ortega Columbrans
12:11-12:19	FP A 08	Microbiological Results And Clinical Outcome Of Two-Stage Revisions With Repeat First Stage Procedures In The Treatment Of Periprosthetic Hip And Knee Joint Infections Bernhard J.H. Frank	FP B 08	Are Cutibacterium acnes Present At The End Of Primary Shoulder Prosthetic Surgeries Responsible For Total Shoulder Arthroplasty Infection? Prospective Study. Albert Alier*
12:19-12:27	FP A 09	Periprosthetic Joint Infections Are Hard To Capture. A Comparison Between The National Dutch Arthroplasty Registry And A Detailed Regional Periprosthetic Registry. Jon Goosen	FP B 09	Calprotectin Lateral Flow Test as a rule out test for periprosthetic joint infection Alison Klika*
12:27-12:35	FP A 10	Safety Of Tedizolid As Suppressive Antimicrobial Therapy For Patients With Complex Implant-Associated Bone And Joint Infection Due To Multidrug-Resistant Grampositive Pathogens: Results From The Tedisat Cohort Study Truong-Thanh Pham*	FP B 10	Hiv Infection And Fracture-Related Infections: A Systematic Review And Meta-Analysis Len Marais*
12:35-12:40	Discussion		Discussion	
12:40-14:00	Industry Symposium A (12:50-13:50)	Lunch & Exhibition	Industry Symposium B (12:50-13:50)	
14:00-15:00	Key session 3: Optimal Bone Infection Sampling and Microbiological Processing	Chairs: Petra Bogović & Alex Soriano		
14:00-14:15	The use of histology in the diagnosis of bone and joint infections	Irene Sigmund		
14:15-14:30	Is inoculation in blood culture bottles for joint aspirates really the best option	Samo Jeverica		
14:30-14:45	Optimizing the processing of microbiological samples in orthopaedics	Bridget Atkins		
14:45-15:00	Discussion			
15:00-15:50	Free Papers C (5 x 6 min. + 2 min.)	Chairs: Samo Jeverica & Marko Pokorn	Free Papers D (5 x 6 min. + 2 min.) Chairs: Lea Papst & Drago Dolinar	
15:00-15:08	FP C 01	What Is The Role Of Open Tissue Biopsy In Uncertain Cases Of Low-Grade Infections In Total Knee Arthroplasty? Jan Pützler	FP D 01	Microbiological Findings Matter - Determining The Best Possible Antibiotic Treatment For Early, Delayed And Late Fracture-Related Infections Nike Walter
15:08-15:16	FP C 02	Metagenomic Nanopore Sequencing For The Diagnosis Of Prosthetic Joint Infections: Can We Do More Than Detect Species From Sonication Fluids? Teresa Street	FP D 02	Vertebral Osteomyelitis Is Characterized By Increased Rank/Opg And Rank/Opg Expression Ratios In Vertebral Bodies And Intervertebral Discs. Siegmond Lang
15:16-15:24	FP C 03	Dithiothreitol And Next Generation Sequencing Show Similar Diagnostic Security As Periprosthetic Tissue Cultures To Diagnose Pji Ann-Kathrin Meinshausen	FP D 03	Dalbavancin In The Treatment Of Periprosthetic Joint Infections Of The Hip And Knee Sebastian Simon
15:24-15:32	FP C 04	Evaluation Of An Automated Multiplex PCR Joint Infection Panel For The Detection/Identification Of Pathogens In 201 Synovial Fluid Specimens In A Monocentric Study Frederic Laurent	FP D 04	Evaluation of resistance selection by gentamicin and vancomycin loaded calcium sulphate/hydroxyapatite bone graft substitute on bacterial strains responsible for prosthetic joint infection Elena De Vecchi
15:32-15:40	FP C 05	Synovial Fluid Testing For The Diagnosis Of Prosthetic Joint Infection According To The New EBJIS Definition – Can Simple And Inexpensive Biomarkers Convey Added Information? Sara Elisa Diniz	FP D 05	Phototherma Eradicates Bacterial Biofilm In A Rabbit Model Of Periprosthetic Joint Infection Anabelle Visperas*
15:40-15:50	Discussion		Discussion	
15:50-16:20	Refreshment break	Posters & Exhibition		

16:20-17:20	Key Session 4: Low-Grade PJI – according to the EBJS definition	Chairs: Ricardo Sousa & Marjan Wouthuyzen-Bakker	Key session 5: Musculoskeletal Infections in Children	Chairs: Marko Pokorn & Markus Pääkkönen
16:20-16:35	How to define a low-grade PJI	Alex Soriano	Diagnostic approaches in children with OAI	Jesús Saavedra-Lozano
16:35-16:50	Is <i>Cutibacterium acnes</i> really a pathogen?	Yvonne Achtermann	The role of the orthopaedic surgeon in paediatric osteoarticular infections	Markus Pääkkönen
16:50-17:05	Surgical approach to a low-grade PJI	Martin Clauss	Shortening the duration of antimicrobial treatment in paediatric OAI – Where is the limit?	Saul Faust*
17:05-17:20	Discussion		Discussion	
17:30-19:30	Welcome Reception - conference venue			

8 October 2021	Room: Marmorna Hall, ground floor	Room: Urška, 2nd floor
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7:45	Registration at the foyer			
08:30-09:30	Key Session 6: Uncommon Infections	Chairs: Klaus Kirketerp Møller & Rene Mihalić		
08:30-08:45	Small orthopedic implant associated infection	Volker Alt		
08:45-09:00	Infection after ACL reconstruction	Daniel Pérez-Prieto		
09:00-09:15	Infection of the hands (bites mycobacteria)	Nicholas Riley*		
09:15-09:30	Discussion			
09:30-10:30	Key Session 7: Non-Operative Management of Chronic Infections	Chairs: Olivier Borens & Ferdinando Da Rin de Lorenzo		
09:30-09:45	Living with a leaking hole in the limb	Mathias Glehr		
09:45-10:00	Conservative management of chronic infections: Experience with subcutaneous antimicrobial suppressive treatment and bacteriophages	Tristan Ferry		
10:00-10:15	PJI sinus tract : do we need antibiotics or not?	Marjan Wouthuyzen-Bakker		
10:15-10:30	Discussion			
10:30-11:00	Refreshment break	Posters & Exhibition		
11:00-12:30	Free Papers E (10 x 6 min. + 2 min.)	Chairs: Rihard Trebše & Lea Papst	Free Papers F (10 x 6 min. + 2 min.)	Chairs: Petra Bogovič & Samo Jeverica
11:00-11:08	FP E 01 The European Bone And Joint Infection Society Prosthetic Joint Infection Definition Is More Sensitive And Performs Better In Ruling Out Infection Preoperatively Than Previous Definitions	Ana Ribau	FP F 01 Influence Of Ceftriaxone On Human Bone Cell Viability And Mineralization Potential - An Vitro Study	Peter Wahl
11:08-11:16	FP E 02 Predictive Modeling With Next Generation Sequencing: A Validated Multi-Institutional Adjunct For Diagnosis Of Periprosthetic Joint Infection	Emanuele Chisari	FP F 02 Vancomycin Bone And Tissue Concentrations Following Tibial Intraosseous Administration – Evaluated In A Porcine Model	Josephine Olsen Kipp
11:16-11:24	FP E 03 What Are The Optimal Cut-Off Values For Synovial Fluid Leukocyte Count And Differential In The Detection Of Prosthetic Hip Infection?	Rene Mihalic	FP F 03 Inflammatory Bowel Diseases Increase The Risk Of Periprosthetic Joint Infection	Emanuele Chisari
11:24-11:32	FP E 04 Role Of Serum D-Dimer And Fibrinogen Values In The Diagnosis Of Peri-Prosthetic Knee Infection: Results Of A Prospective Multicenter Study.	Nicola Logoluso*	FP F 04 Periprosthetic Fungal Infections – An Analysis Of 29 Cases From A Single Center	Christoph Theil
11:32-11:40	FP E 05 Reinfection Or Persistence Of Periprosthetic Joint Infection? Next Ger	Emanuele Chisari	FP F 05 Liposomal Amphotericin B Local Antifungal Therapy: Five Years Of Clinical Use	Maria Dudareva
11:40-11:48	FP E 06 Performance Of Routinely Available Serum Parameters In Diagnosing Periprosthetic Joint Infections	Irene Katharina Sigmund	FP F 06 The Influence Of Unsuspected Intraoperative Positive Cultures In Aseptic Total Hip Revision Surgery	Jan Pützler
11:48-11:56	FP E 07 Synovial Fluid Viscosity Measurement; An Important Diagnostic Procedure In Prosthetic Joint Infections Diagnostics	Samo Roskar	FP F 07 Synovial Commercial Antibody Testing Does Not Provide Vantage Compared To Traditional Culture In The Microbial Identification Of Periprosthetic Joint Infection	Emanuele Chisari
11:56-12:04	FP E 08 Is Joint Aspiration To Rule Out Prosthetic Joint Infection Required Before Every Revision Joint Arthroplasty? Validation Of Institutional Criteria Using The New European Bone And Joint Infection Society Definition	André Vinha	FP F 08 Demonstration Of Local Acute Phase Response During Osteomyelitis	Louise Kruse Jensen
12:04-12:12	FP E 09 Serum D-Dimer Can Predict Failure Following Reimplantation	Emanuele Chisari	FP F 09 Squamous Cell Carcinoma Complicating Chronic Osteomyelitis: A Systematic Review And Case Series	Martin McNally
12:12-12:20	FP E 10 The Calprotectin Lateral Flow Test For The Diagnosis Of Prosthetic Joint Infections When The Recommended Algorithms Do Not Apply	Igor Lazic*	FP F 10 Plasma-Cell Infiltration On Histopathological Samples Of Chronic Bone And Joint Infections Due To <i>Cutibacterium acnes</i> : A Series Of 25 Cases	Alexis Treccort*
12:20-12:30	Discussion		Discussion	
12:30-13:45	Industry Symposium C (12:35-13:35)	Lunch & Exhibition		
13:45-14:45	Key Session 8: Spinal Infections	Chairs: Martin Clauss & Drago Dolinar	Key Session 9: Septic Arthritis In Native Joints	Chairs: Charles Vogely & Christof Wagner
13:45-14:00	Vertebral osteomyelitis	Werner Zimmerli	What we know and still don't know about Kingella kingae (13:45-14:05)	Pablo Yagupsky*
14:00-14:15	Spinal tuberculosis	Jaime Esteban	Septic arthritis in native joints – Guideline (14:05-14:25)	Christen Ravn & Jeroen Neyt
14:15-14:30	Infection after spinal instrumentation	F.C. Öner*		
14:30-14:45	Discussion		Discussion (14:25-14:45)	
14:45-15:45	Free Papers G (7 x 6 min. + 2 min.)	Chairs: Rihard Trebše & Samo Jeverica	Free Papers H (7 x 6 min. + 2 min.)	Chairs: Petra Bogovič & Rene Mihalić
14:45-14:53	FP G 01 A High Prevalence Of <i>Cutibacterium Acnes</i> Infections In Scoliosis Revision Surgery, A Diagnostic And Therapeutic Dilemma	Marjan Wouthuyzen-Bakker	FP H 01 Assessing Pre-Referral Microbiology In Osteomyelitis: What Does It Tell Us?	Andrew Hotchen
14:53-15:01	FP G 02 Antimicrobial Susceptibility Of Isolated Pathogens From Pyogenic Spondylodiscitis: A Comparison Of Community-Acquired And Healthcare-Associated Infections.	Siegmund Lang	FP H 02 The Value Of Neutrophil-Lymphocyte Ratio, Platelet-Lymphocyte Ratio, Monocyte-Lymphocyte Ratio And Platelet Count-Mean Platelet Volume Ratio In The Diagnosis Of Septic Arthritis	Bedri Karaimoğlu
15:01-15:09	FP G 03 Effects Of Rifampicin On Moxifloxacin Concentrations In Porcine Cervical Spine: A Randomized Microdialysis Study	Mats Bue	FP H 03 Chronic And Acute Periprosthetic Joint Infections Could Be The Result Of Damage To The Integrity Of The Gut Epithelial Barrier	Emanuele Chisari
15:09-15:17	FP G 04 Orthoplastics In Periprosthetic Joint Infection Of The Knee: Treatment Concept For Composite Soft-Tissue Defect With Extensor Apparatus Deficiency	Rik Osinga	FP H 04 Organism Profile Causing Periprosthetic Joint Infection: The List Is Growing	Santiago Restrepo
15:17-15:25	FP G 05 Uniplanar Versus Biplanar Monolateral External Fixator Knee Arthrodesis After End Stage Failed Infected Total Knee Arthroplasty: A Comparative Study	Maria Jurado Ruiz	FP H 05 Timing Of Antimicrobial Prophylaxis And Tourniquet Inflation - A Randomized Controlled Microdialysis Study	Pelle Hanberg
15:25-15:33	FP G 06 Vacuum Assisted Closure (Vac)-Instill Spacer In Septic Two-Stage Revision Total Knee Arthroplasty – A Pilot Study	Mathias Glehr	FP H 06 Laminar Air Flow Does Not Have A Protective Effect On The Rate Of Periprosthetic Joint Infection After Primary Total Joint Arthroplasty	Emanuele Chisari
15:33-15:41	FP G 07 Management Of Chronic Femoral And Tibial Osteomyelitis: A Systematic Scoping Review	Aiman Aslam*	FP H 07 Does Early Antibiotic Administration Affect Culture Yields And Clinical Outcomes In Septic Arthritis Patients?	Jared Alswang*
15:41-15:45	Discussion		Discussion	
15:45-16:15	Refreshment break	Posters & Exhibition		

16:15-17:15	Free Papers I (7 x 6 min. + 2 min.)	Chairs: Drago Dolinar & Lea Papst		Free Papers J (7 x 6 min. + 2 min.)	Chairs: Marko Pokorn & Rene Mihalj
16:15-16:23	FP I 01 Should All Patients Diagnosed With A Culture Negative Periprosthetic Joint Infection Be Treated With Antibiotics? A Multicenter Observational Study	Marjan Wouthuyzen-Bakker		FP J 01 Does Local Implantation Of Gentamicin Impair Renal Function In Patients Undergoing Surgery For Chronic Osteomyelitis And Fracture-Related Infection?	Martin McNally
16:23-16:31	FP I 02 DAIR After Revision Arthroplasty: Success Rate Comparable To DAIR After Primary Arthroplasty But Antimicrobial Mismatch Is A Risk Factor For Failure	Karin Veerman		FP J 02 Perioperative Myocardial Injury And Mortality After Revision Surgery For Major Musculoskeletal Infection	Mario Morgenstern
16:31-16:39	FP I 03 Early Periprosthetic Joint Infection After Revision Arthroplasty: New Ingredients To Select Empirical Treatment	Karin Veerman		FP J 03 Efficacy Of Various Surgical Irrigation Solutions Against Established Biofilm: A Comparative In Vitro Investigation	Emanuele Chisari
16:39-16:47	FP I 04 Long-Term Patient-Related Quality Of Life After Knee Periprosthetic Joint Infection	Nike Walter		FP J 04 Extrapulmonary Osteoarticular Tuberculosis, About 40 Cases	Mohamed Ben Jemaa
16:47-16:55	FP I 05 Predisposing Factors For Failure In PJI: are Gram-Negative Multidrug Resistant Bacterial Infections Increasing The Rate Of Failure?	Mauro Salles*		FP J 05 Analysis Of Biofilm Formation In Anterior Cruciate Ligament Prostheses. Comparative In Vitro Study	Daniel Perez-Prieto
16:55-17:03	FP I 06 International Organism Profile Of Periprosthetic Total Hip And Knee Infections	Tejbir S. Pannu*		FP J 06 Validation And Relevance Of In Vivo Biofilm Model Galleria Mellonella To Study Implant-Associated Bacterial Biofilms	Gopala Mannala
17:03-17:11	FP I 07 Symptom Duration Is Associated With Failure Of Periprosthetic Joint Infection Treated With Dair	Hongyi Shao*		FP J 07 A Novel Activated-Zinc Antiseptic Solution Effective Against <i>Staphylococcus Aureus</i> And <i>Pseudomonas Aeruginosa</i> In A Pig Model	Derek Hill*
17:11-17:15	Discussion			Discussion	
17:30-18:45	General Assembly (for EBJS members, by invitation only)				
20:00-23:00	EBJS Gala Dinner - Grand Hotel Union				
9 October 2021 Room: Marmorna Hall, ground floor					
8:00	Registration at the foyer				
08:30-09:00	Travelling Fellowship Report				
09:00-10:00	Key Session 10: Fracture-Related Infections	Chairs: Andrej Trampuz & Boštjan Sluga			
09:00-09:15	Algorithm on treatment	Mario Morgenstern			
09:15-09:25	Managing Early infection (cases)	Jamie Ferguson			
09:25-09:35	Prevention and treatment of pin infections during external fixation	Martin McNally			
09:35-09:45	Slovenian experience of managing fracture-related infections	Boštjan Sluga			
09:45-10:00	Discussion				
10:00-10:30	Refreshment break	Posters & Exhibition			
10:30-12:00	Best Papers (10 x 6 min. + 2 min.)	Chairs: Irene Sigmund & Martin Clauss			
10:30-10:38	BP01 Antimicrobial Therapy Seems To Have A Similar Impact On The Gut Microbiota And No Particular Antibiotic Seems To Impact Its Recovery	Tristan Ferry			
10:38-10:46	BP02 Bone And Joint Infections: Synergistic Antibiofilm Effect Of Exebacase And Antibiotics Against <i>Staphylococcus epidermidis</i> Strains	Frederic Laurent			
10:46-10:54	BP03 Quality of Life in patients with chronic osteomyelitis referred to a tertiary bone infection centre	Andrew Hotchen			
10:54-11:02	BP04 If, When, And How To Use Rifampin In Acute Staphylococcal Periprosthetic Joint Infections, A Multicentre Observational Study	Marjan Wouthuyzen-Bakker			
11:02-11:10	BP05 Is The European Bone And Joint Infection Society Definition Of Prosthetic Joint Infection Meaningful In Our Clinical Practice? - A Multicentric Validation Study	Ricardo Sousa			
11:10-11:18	BP06 Comparison Of A High-Virulent Versus A Low-Virulent <i>Staphylococcus aureus</i> Strain In A Murine Fracture-Related Infection Model.	Susanne Bärtil			
11:18-11:26	BP07 The Joint-Specific BACH Classification: A Predictor Of Outcome In Prosthetic Joint Infection.	Andrew Hotchen			
11:26-11:34	BP08 Shotgun Metatranscriptomics For Pji Diagnosis: A Novel Prospective Investigation	Emanuele Chisari			
11:34-11:42	BP09 Development Of Phage Therapy To Treat Staphylococci Bone And Joint Infections In France: Isolation And Characterization Of Seventeen Novel Anti-Staphylococcus Bacteriophages	Camille Kolenda			
11:42-11:50	BP10 Microbiological And Ultrastructural Evaluation Of The 191219 S. Aureus Bacteriophage Activity Against Planktonic, Intracellular And Biofilm Infection With <i>Staphylococcus aureus</i>	Gopala Mannala			
11:50-12:00	Discussion				
12:00-12:15	Best JBII Paper	Parham Sendi*			
12:15-12:45	Honorary lecture: The Future of Infection Prevention	Antonia Chen*			
12:45-13:00	Closing Remarks & Prizes				
13:00-14:00	Farewell lunch	Posters & Exhibition			

*Online presentation