

# EBJIS 2018 Programme

6 September 2018		Room: Finlandia Hall			Room: Helsinki Hall	
07:00		Registration				
08:30-08:50		Welcome				
		Opening Ceremony		Nina Lindfors (Local Chair), Martin McNally (EBJIS President)		
08:50-09:50		<b>Key session 1: Debridement, antibiotics and implant retention: How to do it?</b>	<b>Chairs:</b> Inka Romo, Charles Vogely			
8:50-9:05		How to do DAIR!		Olivier Borens		
9:05-9:20		Biofilm on polyethylene vs metal		Martin Clauss		
9:20-9:35		Antimicrobial treatment after debridement and implant retention		Kaisa Huotari		
9:35-9:50		Discussion				
09:50-10:50		<b>Key session 2: Antibiotic treatment in bone and joint infections: what is the evidence?</b>	<b>Chairs:</b> Andrej Trampuz, Martin McNally			
9:50-10:05		Infected fractures and non-unions		Mario Morgenstern		
10:05-10:20		Shortened treatment in pediatric osteoarticular infections		Markus Pääkkönen		
10:20-10:35		Antimicrobial treatment: intravenous or peroral?		Matthew Scarborough		
10:35-10:50		Discussion				
10:50-11:20		<b>Coffee</b>	<b>Posters/Exhibition</b>		<b>Coffee</b>	<b>Posters/Exhibition</b>
11:20-12:45		<b>Free Papers A (10 x 6 min + 2 min)</b>	<b>Chairs:</b> Hannu Kuokkanen, Klaus Kirketerp-Møller		<b>Free Papers B (10 x 6 min + 2 min)</b>	<b>Chairs:</b> Patrik Lassus, Jan Geurts
11:20-11:28	FP1	Late acute prosthetic joint infections; should the implant be removed?		Marjan Wouthuyzen-Bakker	FP11 Infections after Open Fractures: the Key Factor is Time from Trauma to Surgical Debridement	Olivera Lupescu
11:28-11:36	FP2	Tackling early prosthetic joint infection in primary joint arthroplasty by debridement, antibiotics and implant retention (DAIR)		Anouk Jacobs	FP12 Incidence and risk factors for infection after intramedullary nailing of femoral and tibial diaphyseal fractures: prospective study	Priscila Oliveira
11:36-11:44	FP3	Predicting failure in early acute prosthetic joint infection treated with debridement, antibiotics and implant retention: external validation of the KLIC score		Claudia Löwik	FP13 Results of tibiototalcanal arthrodesis with retrograde intramedullary nailing in post-infectious ankle or pilon fractures with severe soft tissue damage	Katharina Salmoukas
11:44-11:52	FP4	Staphylococcal acute post-operative prosthetic joint infection (PJI) treated with 'DAIR' (debridement and implant retention) and impact of rifampin: a retrospective cohort study in France		Tristan Ferry	FP14 Getting it right first time: the importance of a structured tissue sampling protocol for diagnosing fracture-related infections	Pien Hellebrekers
11:52-12:00	FP5	Immediate postoperative start of rifampicin in patients with acute staphylococcal PJI treated with DAIR was not associated with development of rifampicin resistance in failures		Henk Scheper	FP15 An evidence base for tissue sampling and culture interpretation in fracture-related infection	Andrew Brent
12:00-12:08	FP6	Calprotectin cost less and is as accurate as alpha defensin in excluding a chronic prosthetic joint infection		Marjan Wouthuyzen-Bakker	FP16 Impact of the duration of perioperative antimicrobial prophylaxis and renal clearance on the development of fracture-related infection	Willem-Jan Metsemakers
12:08-12:16	FP7	Is lifelong antibiotic suppression successful in the management of Prosthetic Joint Infection		Luke Granger	FP17 Prosthetic joint infections after hip fractures	Jussi Kosola
12:16-12:24	FP8	Is Dexamethasone Infection Safe in Total Hip and Total Knee Arthroplasty: Results from 18 872 Operations		Markku Vuorinen	FP18 The use of segmental antibiotic mega-spacers provide stable environments for staged preimplantation following large tumor and tumor-like defects at the hip and knee	Joseph Benevenia
12:24-12:32	FP9	An antistaphylococcal bacteriophage lysate to treat drug resistant Staphylococcus aureus involved in prosthetic joint infections: an alternative strategy		Mariagrazia Di Luca	FP19 Result of revision surgery for infected total knee arthroplasty. Do surgical strategies matter?	Tesfaye H. Leta
12:32-12:40	FP10	Good outcome of enterococcal PJI - importance of antimicrobial treatment		Nora Renz	FP20 Value of radiological signs for the diagnosis of internal fixation-associated infection: results from a prospective cohort study	Cristina Ojeda Thies
12:45-14:00		<b>Industry Symposium A (12.50-13.50)</b>	<b>Lunch</b>		<b>Industry Symposium B (12.50-13.50)</b>	<b>Lunch</b>
14:00-15:00		<b>Key session 3: Bone and soft tissue reconstruction</b>	<b>Chairs:</b> Juho Salo, Alex Soriano			
14:00-14:15		Bone transport using unilateral fixateur and plate	Arnold Suda			
14:15-14:30		Microvascular bone reconstruction in chronic bone and joint infections	Erkki Tukiainen			
14:30-14:45		Flap selection and timing of soft tissue reconstruction in lower extremity trauma in order to minimize infection complications	Hannu Kuokkanen			
14:45-15:00		Discussion				
15:00-15:50		<b>Free Papers C (6 x 6 min + 2 min)</b>	<b>Chairs:</b> Markus Parkkinen, Martin Clauss		<b>Free Papers D (6 x 6 min + 2 min)</b>	<b>Chairs:</b> Hannu Aro, Christof Wagner
15:00-15:08	FP21	The gastrocnemius flap in the management of infected knee prostheses: experience of 115 cases over 21 years in a single centre		Conrad Harrison	FP27 Overview of orthopedic-implant associated infection due Gram-negative bacilli and the impact of Acinetobacter Baumannii multidrug resistance in a Brazilian center	Mauro Salles
15:08-15:16	FP22	Management of infected Segmental Tibial Defects with Simultaneous Ilizarov Bone Reconstruction and Free Muscle Flaps		Martin McNally	FP28 Staphylococcus aureus Infections after Orthopedic Surgery: Incidence, Mortality and Direct Costs in Germany	Holly Yu
15:16-15:24	FP23	Pediculated Suralis flap for closure of soft tissue defects associated with infection of the lower leg		Arnold Suda	FP29 Spinal Implant-associated infections: results from a 3-year prospective cohort study	Donara Margaryan
15:24-15:32	FP24	Current practices in the management of open fractures: A worldwide survey among orthopaedic trauma surgeons		Jan Pützer	FP30 Improved infection and functional outcome with a concerted surgical and antimicrobial treatment Concept: analysis of 127 cases of infections after internal fixation	Nora Renz
15:32-15:40	FP25	Management of critical-sized bone defects in treatment of complex fracture-related infections; a systematic review and pooled analysis		Hans Bestarosti	FP31 Septic knee arthritis after anterior cruciate ligament reconstruction (ACLR): a series of 74 cases among 9858 patients	Eric Bonnet
15:40-15:48	FP26	Comparison of Ilizarov acute shortening and relengthening with bone transport for treating infected segmental tibial bone defects		Irene Katharina Sigmund	FP32 In vitro granuloma formation in response to Cutibacterium acnes infections: different immune behaviors depending on phylotypes	Stephane Corvec
15:50-16:20		<b>Coffee</b>	<b>Posters/Exhibition</b>			<b>Posters/Exhibition</b>
16:20-17:15		<b>Key Session 4: Demanding infections</b>	<b>Chairs:</b> Hannu Kuokkanen, Charles Vogely			
16:20-16:35		Microbiological and histological diagnosis of infection in non-unions		Martin McNally		
16:35-16:50		Culture-negative PJI – How to deal with this mystery?		Andrej Trampuz		
16:50-17:05		Opportunistic bone infections in face transplantation		Patrik Lassus		
17:05-17:15		Discussion				
18:00-20:00		Welcome Drinks Reception at The House of Nobility (Ridderhuset) (Address: Riddaregatan 1, 00170 Helsinki)				
20:00		Industry Sponsored Dinners, Free Evening				

7 September 2018							
7:45-		<b>Registration</b>					
08:15-09:15		<b>Key Session 5: The role of bone substitutes in infection treatment</b>	<b>Chairs: Hannu Aro, Andrej Trampuz</b>				
8:15-8:30		Clinical evidence of bone substitutes		Chris Arts			
8:30-8:45		The Oxford protocol		Martin McNally			
8:45-9:00		Bioactive glass in the treatment of bone infection		Nina Lindfors			
9:00-9:15		Discussion					
09:15-10:15		<b>Key Session 6: Treatment and diagnostics</b>	<b>Chairs: Erkki Tukiainen, Rihard Trebse</b>				
9:15-9:30		The influence of antibiotic prophylaxis on culture yield is negligible		Marjan Wouthuyzen-Bakker			
9:30-9:45		Treatment of lower extremity lymph oedema in infection		Sinikka Suominen			
9:45-10:00		PET-imaging of osteomyelitis and implant infections		Hannu Aro			
10:00-10:15		Discussion					
10:15-10:30		<b>2017 Travelling Fellowship Report</b>					
10:30-11:00		<b>Coffee</b>	<b>Posters/Exhibition</b>		<b>Coffee</b>	<b>Posters/Exhibition</b>	
11:00-13:00		<b>Country Delegate Meeting</b> NB: This meeting is by invitation only. The meeting will take place in Terrace Hall.					
11:00-12:30		<b>Free Papers E (10 x 6 min + 2 min)</b>	<b>Chairs: Inka Romo, Charles Vogely</b>		<b>Free Papers F (10 x 6 min + 2 min)</b>	<b>Chairs: Nina Lindfors, Alex Soriano</b>	
11:00-11:08	FP33	Positive intraoperative cultures at reimplantation of a two-stage exchange for prosthetic joint infection, what do they teach us?		Marjan Wouthuyzen-Bakker	FP44	Vancomycin elution from a biphasic bone substitute: antibiotic concentrations measured in drainage fluid, serum and urine over 4 weeks.	Mindaugas Stravinskas
11:08-11:16	FP34	Unexpected positive culture in total hip arthroplasty revision increases the re-revision risk. A national register study		Nikolaj Milandt	FP45	Single-Dose Bone Pharmacokinetics of Vancomycin in a Porcine Implant-Associated Osteomyelitis Model	Mats Bue
11:16-11:24	FP35	D-lactate, a bacterial specific marker for the diagnosis of prosthetic joint infection and septic arthritis.		Karbysheva	FP46	Not all ceramic antibiotic carriers are the same. Outcomes for two different local antibiotic carriers in the management of chronic osteomyelitis.	Jamie Ferguson
11:24-11:32	FP36	Reliability of Intra-Operative Frozen Section Study in Revision of Infected Hip Arthroplasty		Anbuezhian Palanivel	FP47	Radiological and clinical outcomes in the medium-term of the use of an antibiotic bone substitute in the diabetic foot	Christine Whisstock
11:32-11:40	FP37	OPTIMIZED DECISION ALGORITHM FOR THE MICROBIOLOGICAL DIAGNOSIS OF OSTEO-ARTICULAR INFECTIONS IN ADULTS USING JOINT FLUIDS SAMPLES: A PROSPECTIVE STUDY IN TWO FRENCH HOSPITALS INCLUDING 423 SYNOVIAL FLUIDS		Frederic Laurent	FP48	In vitro antibacterial activity of Bioactive Glass S53P4 on multiresistant pathogens causing osteomyelitis and prosthetic joint infection	Mateus Cunha
11:40-11:48	FP38	The fate of biopsy negative and sonication positive cultures following revision of total hip and knee arthroplasties		Christen Ravn	FP49	Treatment of chronic osteomyelitis with an absorbable gentamycin-loaded biocomposite, a retrospective consecutive series of 97 cases.	Magnús Pétur Bjarnason Obinah
11:48-11:56	FP39	Incidence of surgical site infection after primary hip and knee arthroplasty in rheumatic patients with special reference to anti-rheumatic treatment.		Anna Stefánsdóttir	FP50	Role of Bacterial Colonization of Spacers in Two-Stage Arthroplasty Revision Surgery	Sandra Huguet
11:56-12:04	FP40	Clinical and microbiological characteristics of early acute prosthetic joint infection in severely obese patients		Claudia Löwik	FP51	Prevention of calcaneal fracture synthesis infection using bone substitute eluting antibiotic	Damiano Papadia
12:04-12:12	FP41	Treatment of prosthetic-joint infections: success rate over the last 10 years		Arnaud Fischbacher	FP52	Histological assessment of bone remodelling within a bioabsorbable bone substitute in chronic osteomyelitis	Jamie Ferguson
12:12-22:20	FP42	Septic revision total knee arthroplasty: Treatment of extended bone defects using metaphyseal sleeves		Mathias Glehr	FP53	Antibiotic loaded calcium sulphate hydroxy apatite bio composite in diabetic foot surgery	Nijil Vasukutty
12:20-12:28	FP43	A mobile app for postoperative wound care after joint arthroplasty: perceived usefulness and ease of use		Henk Scheper	FP54	Hypercalcaemia in the management of bone and joint infection: A comparison of 2 antibiotic delivery systems	Nemandra Sandiford
12:30-13:45		<b>Industry Symposium C, 12.35-13.35</b>	<b>Lunch</b>		<b>Industry Symposium D, 12.40-13.40</b>	<b>Lunch</b>	
13:45-14:45		<b>Key Session 7: Periprosthetic fractures and infection</b>	<b>Chairs: Kaisa Huotari, Martin Clauss</b>		<b>Key Session 8: Managing bone infection in resource-poor regions</b>	<b>Chairs: Juho Salo, Christof Wagner</b>	
13:45-14:00		Current management of periprosthetic fracture and infection around the hip and knee		Rihard Trebse		Implementation of osteomyelitis treatment in resource-poor environments: challenges and future perspectives	Jan Geurts
14:00-14:15		Current management of periprosthetic fracture and infection around the hip and knee - ID specialist view		Parham Sendi		Osteomyelitis in developing countries. Surgical aspects of osteo	Erkki Tukiainen 10 min
14:15-14:30		Case discussion		Olivier Borens		<b>To be confirmed</b>	Heikki Peltola 10 min
14:30-14:45		Discussion				Managing bone infection in resource-poor regions	Len Marais
						Discussion 10 min	
14:45-15:50		<b>Free Papers G (8 x 6 min + 2 min)</b>	<b>Chairs: Henrik Sandelin, Ricardo Sousa</b>		<b>Free Papers H (8 x 6 min + 2 min)</b>	<b>Chairs: Nina Lindfors, Jan Geurts</b>	
14:45-14:53	FP55	Preoperative oral antibiotic use and the risk of periprosthetic joint infection after primary knee or hip replacement		Meeri Honkanen	FP63	Biofilm Prevention of Carbapenem-Resistant Enterobacteriaceae (CRE) and Vancomycin Resistant Enterococci (VRE) by Antibiotic-Loaded Calcium Sulfate Beads (ABLCS) in vitro.	Devendra Dusane
14:53-15:01	FP56	Candida periprosthetic joint infection: a case series		Andrej Trampuz	FP64	Extreme high local intra-operative gentamicin concentrations are needed to prevent biofilm formation in-vivo	Louise Kruse Jensen
15:01-15:09	FP57	The fate of periprosthetic joint infection in patient with multiple prosthetic joint		Shih Hui Peng	FP65	Simultaneous and Sequential applications of phages and Ciprofloxacin in killing mixed-species biofilm of Pseudomonas aeruginosa and Staphylococcus aureus	Tamta Tkhalishvili
15:09-15:17	FP58	Complications of resection arthroplasty during two-stage revision for periprosthetic hip infection		Irene Katharina Sigmund	FP66	Comparison of sonication and chemical methods for the biofilm detection, including chelating and reducing agents	Svetlana Karbysheva
15:17-15:25	FP59	Poor outcome of gram-negative periprosthetic joint infection: Results from a 7-year cohort study		Susanne Feihl	FP67	Specific antibiofilm properties of bacteriophage Sb-1 make it suitable for the therapy of prosthetic joint infections due to Staphylococcus aureus: biofilm matrix degradation and persister cells killing	Mariagrazia Di Luca
15:25-15:32	FP60	Prevalence and characteristics of unexpected diagnosis of infection in revision surgeries following internal fixation: results from a prospective cohort study		Cristina Ojeda Thies	FP68	Staphylococcus aureus bone and joint infection : comparison of rifamycin intraosteoblastic activity and impact on intracellular emergence of small colony variants.	Frederic Laurent
15:32-15:40	FP61	Synovial versus serum PTX3 for the diagnosis of periprosthetic joint infection: a single-center prospective diagnostic study.		Matteo Ferrari	FP69	Delayed and Incomplete Penetration of Vancomycin to Porcine Intervertebral Disc and Vertebral Cancellous Bone	Mats Bue
15:40-15:48	FP62	Role of Joint Aspiration Prior to Re-implantation in Patients with a Cement Spacer in Place		Sandra Huguet	FP70	Colonization of orthopedic implants in children, preliminary report	Pablo Schaufele
15:50-16:20		<b>Coffee</b>	<b>Posters/Exhibition</b>		<b>Coffee</b>	<b>Posters/Exhibition</b>	
16:20-17:10		<b>Free Papers I (6 x 6 min + 2 min)</b>	<b>Chairs: Nina Lindfors, Martin McNally</b>		<b>Free Papers J (6 x 6 min + 2 min)</b>	<b>Chairs: Henrik Sandelin, Rihard Trebse</b>	
16:20-16:28	FP71	FISH-based detection and identification of bacteria in orthopedic implant-associated infections		Bruce van Dijk	FP77	Innovative treatment of acute and chronic osteomyelitis of the lower extremity: Case-series of 33 patients.	Sebastian Pesch
16:28-16:36	FP72	High diagnostic accuracy of white blood cell scintigraphy for fracture related infections: Results of a large retrospective single-center study		Paul Bosch	FP78	A Systematic Review of the Single-Stage Treatment of Chronic Osteomyelitis	Bethan Pincher
16:36-16:44	FP73	REPETITIVE EXTRAGENIC PALINDROMIC PCR (REP-PCR) VERSUS CONVENTIONAL MICROBIOLOGICAL TECHNIQUES IN THE DIAGNOSIS OF COAGULASE-NEGATIVE STAPHYLOCOCCUS INFECTION IN ORTHOPEDIC SURGERY		Gema Muñoz-Gamito	FP79	Indications and results of bone-reconstruction with the Masquelet-technique in treatment of osteomyelitis	Rita Schoop
16:44-16:52	FP74	Use of biomarkers and cell count on synovial fluid in the diagnosis of prosthetic joint infection		Alisdair James Felstead	FP80	Associations of interleukin-1 beta gene polymorphisms (rs16944, rs1143627, rs1143634 and rs2853550) and the risk of developing extremity chronic osteomyelitis in Chinese population	Nan Jiang
16:52-17:00	FP75	Diagnostic accuracy of serum inflammatory markers in fracture-related infection: A systematic review and meta-analysis.		Paul Bosch	FP81	Outcomes and Complications of Diabetic Foot Soft Tissue Infections and Osteomyelitis	Easton Ryan
17:00-17:08	FP76	Limited Predictive Value of Serum Inflammatory Markers for Diagnosing Fracture Related Infections: results of a large retrospective multicenter cohort study.		Janna van den Kieboom	FP82	Treatment concept and long-term outcome after acute posttraumatic osteomyelitis following unstable type C pelvic injuries	Simon Hackl
17:20-18:45						<b>General Assembly (for members of EBJIS, by invitation only)</b>	
19:45-22:30		<b>EBJIS Gala Dinner at Kulosaaren Casino (Address: Hopeasalmenpolku 1, 00570 Helsinki)</b>					

8 September 2018							
09:00-10:15		<b>Key Session 9: Future trends in bone and joint infection management</b>	<b>Chairs: Rami Madanat, Olivier Borens</b>				
9:00-9:15		Genetics in diagnosis of bone infection		Theresa Street			
9:15-9:30		International Consensus Group on Management of Infected Fractures		Willem-Jan Metsemakers			
9:30-9:45		Update on the PJI of the ICM 2018 Meeting in Philadelphia		Barry Brause			
9:45-10:00		Voting for Criteria for diagnosis in PJI		Rihard Trebbe			
10:00-10:15		Discussion					
10:15-10:45		<b>Coffee</b>	<b>Posters/Exhibition</b>				
10:45-12:25		<b>Best Papers (10 x 6 min + 2 min)</b>	<b>Judges:</b>				
			<b>Poster Judges:</b>				
10:45-10:53	BP1	Epidemiology of 17.527 bone and joint infections addressed in referral centers in France between 2012 and 2016		Adrien Lemaigen			
10:53-11:01	BP2	Factors affecting bone formation in infected defects, filled with an absorbable, antibiotic-loaded bone substitute		Jamie Ferguson			
11:01-11:09	BP3	The diagnostic accuracy of 18F-FDG-PET/CT in diagnosing fracture related infections: A retrospective dual center cohort study		Justin Lemans			
11:09-11:17	BP4	Microbiology of Osteomyelitis at the Oxford Bone Infection Unit: MRSA Rates Falling		Andrew Hotchen			
11:17-11:25	BP5	Impact of Staphylococcus aureus infection on bone homeostasis		Frederic Laurent			
11:25-11:33	BP6	Surgical site infections following implant removal: the effect of antibiotic prophylaxis; results of the WIF trial.		Fay Sanders			
11:33-11:41	BP7	The effect of local antibiotic prophylaxis in open limb fractures: a systematic review and meta-analysis		Alejandro Vallejo			
11:41-11:49	BP8	Molecular typing shows the need for a new definition of Cutibacterium acnes orthopedic-device related infections.		Faten El Sayed			
11:49-11:57	BP9	PJI by multi-drug and extensively-drug resistant Gram negative bacteria: A multi-center cohort study		Efthymia Giannitsioti			
11:57-12:05	BP10	Clinical outcome and risk factors for failure in late acute prosthetic joint infections treated with debridement and implant retention		Marjan Wouthuyzen-Bakker			
12:25-12:40		<b>Closing Remarks &amp; Prizes</b>					
12:40-14:00		<b>Farewell lunch</b>					