

Thursday 6 September

No. Room: Finlandia Hall			No. Room: Helsinki Hall			
07.00 Registration						
8.30 - 8.50 Welcome						
Opening Ceremony			Nina Lindfors (Local Chair) & Martin McNally (EBJIS President)			
8.50 - 9.50 Key session 1: Debridement, antibiotics and implant retention: how to do it?			Chairs: 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				
9.50 - 10.50 Key session 2: Antibiotic treatment in bone and joint infections: what is the evidence?			Chairs: 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 Coffee, poster visit and exhibition			Coffee, poster visit and exhibition			
11.20 - 12.45 Free Papers A (10 x 6 min + 2 min)			Free Papers B (10 x 6 min + 2 min)			
Chairs: Hannu Kuokkanen & Klaus Kirketerp-Møller			Chairs: Patrik Lassus & Jan Geurts			
11.20 - 11.28	FP1	Late acute prosthetic joint infections; should the implant be removed?	Marjan Wouthuyzen-Bakker	FP11	Inter-user assessment of the BACH classification system for long bone osteomyelitis	Andrew Hotchen
11.28 - 11.36	FP2	Tackling early prosthetic joint infection in primary joint arthroplasty by debridement, antibiotics and implant retention (DAIR)	Jon Goosen	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 tibiototalcaneal 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	Maria Dudareva
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	Valdis Lelkes
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 Industry Symposium A (12.50 - 13.50) + Lunch			Lunch			

Due to CME regulations no industry names or logos are allowed in the programme. Detailed information about industry sessions is available on pages 25-30.

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No. Room: Finlandia Hall			No. Room: Helsinki Hall		
14.00 - 15.00	Key session 3: Bone and soft tissue reconstruction		Chairs: 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	Free Papers C (6 x 6 min + 2 min)		Free Papers D (6 x 6 min + 2 min)		Chairs: Hannu Aro & Martin Clauss
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
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
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
15.24 - 15.32	FP24	Current practices in the management of open fractures: a worldwide survey among orthopaedic trauma surgeons	Jan Pützler	FP30	Improved infection and functional outcome with a concerted surgical and antimicrobial treatment Concept: analysis of 127 cases of infections after internal fixation
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 Bezstarosti	FP31	Septic knee arthritis after anterior cruciate ligament reconstruction (ACLR) : a series of 74 cases among 9.858 patients
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
15.50 - 16.20	Coffee, poster visit and exhibition		Coffee, poster visit and exhibition		
16.20 - 17.15	Key Session 4: Demanding infections		Chairs: 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 (Riddarhuset) Address: Riddaregatan 1, 00170 Helsinki				

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Friday 7 September

No. Room: Finlandia Hall			No. Room: Helsinki Hall		
7.45 - Registration					
08.15 - 09.15 Key Session 5: The role of bone substitutes in infection treatment			Chairs: Hannu Aro & Andrej Trampuz		
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 Key Session 6: Treatment and diagnostics			Chairs: Erkki Tukiainen & Rihard Trebse		
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	2017 Travelling Fellowship Report				
10.30 - 11.00 Coffee, poster visit and exhibition			Coffee, poster visit and exhibition		
11.00 - 13.00			Country Delegate Meeting (This meeting is by invitation only) NB! The meeting will take place in Terrace Hall.		
11.00 - 12.30 Free Papers E (10 x 6 min + 2 min)			Free Papers F (10 x 6 min + 2 min)		
Chairs: Inka Romo & Charles Vogely			Chairs: Nina Lindfors & Alex Soriano		
11.00 - 11.08	FP33	Positive intraoperative cultures at reimplantation of a two-stage exchange for prosthetic joint infection, what do they teach us?	FP44	Vancomycin elution from a biphasic bone substitute: antibiotic concentrations measured in drainage fluid, serum and urine over 4 weeks	
11.08 - 11.16	FP34	Unexpected positive culture in total hip arthroplasty revision increases the re-revision risk. A national register study	FP45	Single-Dose Bone Pharmacokinetics of Vancomycin in a Porcine Implant-Associated Osteomyelitis Model	
11.16 - 11.24	FP35	D-lactate, a bacterial specific marker for the diagnosis of prosthetic joint infection and septic arthritis	FP46	Not all ceramic antibiotic carriers are the same. Outcomes for two different local antibiotic carriers in the management of chronic osteomyelitis	
11.24 - 11.32	FP36	Reliability of Intra-Operative Frozen Section Study in Revision of Infected Hip Arthroplasty	FP47	Radiological and clinical outcomes in the medium-term of the use of an antibiotic bone substitute in the diabetic foot	
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	FP48	In vitro antibacterial activity of Bioactive Glass S53P4 on multiresistant pathogens causing osteomyelitis and prosthetic joint infection	
11.40 - 11.48	FP38	The fate of biopsy negative and sonication positive cultures following revision of total hip and knee arthroplasties	FP49	Treatment of chronic osteomyelitis with an absorbable gentamycin-loaded biocomposite, a retrospective consecutive series of 97 cases.	
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	FP50	Role of bacterial colonization of spacers in two-stage arthroplasty revision surgery	
11.56 - 12.04	FP40	Clinical and microbiological characteristics of early acute prosthetic joint infection in severely obese patients	FP51	Prevention of calcaneal fracture synthesis infection using bone substitute eluting antibiotic	
12.04 - 12.12	FP41	Treatment of prosthetic-joint infections: success rate over the last 10 years	FP52	Histological assessment of bone remodelling within a bioabsorbable bone substitute in chronic osteomyelitis	
12.12 - 12.20	FP42	Septic revision total knee arthroplasty: treatment of extended bone defects using metaphyseal sleeves	FP53	Antibiotic loaded calcium sulphate hydroxy apatite bio composite in diabetic foot surgery	
12.20 - 12.28	FP43	A mobile app for postoperative wound care after joint arthroplasty: perceived usefulness and ease of use	FP54	Hypercalcaemia in the management of bone and joint infection: a comparison of 2 antibiotic delivery systems	
12.30 - 13.45 Industry Symposium B (12.35 - 13.35) + Lunch			Industry Symposium C (12.35-13.35) + Lunch		

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No.	Room: Finlandia Hall		No.	Room: Helsinki Hall	
13.45 - 14.45	Key Session 7: Periprosthetic fractures and infection	Chairs: Kaisa Huotari & Martin Clauss		Key Session 8: Managing bone infection in resource-poor regions	Chairs: Heikki Peltola & Christof Wagner
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 osteomyelitis connected with sickle cell disease	Erkki Tukiainen (10 min)
14.15 - 14.30	Case discussion	Olivier Borens		Why oral treatment in paediatric osteomyelitis?	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	Free Papers G (8 x 6 min + 2 min)	Chairs: Kaisa Huotari & Ricardo Sousa		Free Papers H (8 x 6 min + 2 min)	Chairs: Nina Lindfors & Jan Geurts
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 (ABLCB) 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 Tkhilashvili
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	Coffee, poster visit and exhibition			Coffee, poster visit and exhibition	
16.15 - 17.15				EBJIS in resource-poor countries (This meeting is by invitation only) NB! The meeting will take place at Aurora Hall.	
16.20 - 17.10	Free Papers I (6 x 6 min + 2 min)	Chairs: Nina Lindfors & Barry Brause		Free Papers J (6 x 6 min + 2 min)	Chairs: Henrik Sandelin & Mario Morgenstern
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	Rathan Jeyapalan
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				General Assembly (for members of EBJIS, by invitation only) NB! This meeting takes place at Terrace Hall.	
20.00 - 23.00	EBJIS Gala Dinner at Kulosaaren Casino (Address: Hopeasalmenpolku 1, 00570 Helsinki)				

Saturday 8 September 2018

No.	Room: Finlandia Hall	
09.00 - 10.15	Key Session 9: Future trends in bone and joint infection management	
		Chairs: Rami Madanat & Olivier Borens
9.00 - 9.15	Genetics in diagnosis of bone infection	
9.15 - 9.30	International consensus group on management of infected fractures	
		Theresa Street
		Willem-Jan Metsemakers
9.30 - 9.45	Update on the PJI of the ICM 2018 Meeting in Philadelphia	
9.45 - 10.00	Voting for Criteria for diagnosis in PJI	
		Barry Brause
10.00 - 10.15	Discussion	
		Rihard Trebse
10.15 - 10.45	Coffee, poster visit and exhibition	
10.45 - 12.10	Best Papers (10 x 6 min + 2 min)	
		Judges: Klaus Kirketerp-Møller, Rihard Trebse & Alex Soriano
10.45 - 10.53	BP1	Epidemiology of 17.527 bone and joint infections addressed in referral centers in France between 2012 and 2016
		Eric Senneville
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
		Maria Dudareva
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 WIFI-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
12.10 - 12.20	Honorary lecture: 30 years in EBJIS; what have I learnt?	
		Volkmar Heppert
12.25 - 12.40	Closing Remarks & Prizes	
12.40 - 14.00	Farewell lunch	