

Management of Orthopedic and Trauma Infections: Current Concepts and Future Challenges

Symposium & Practical Workshop

Date: February 8-9, 2019
Venue: Royal Brisbane and Women's Hospital, HERSTON LD
RBWH Education Centre, Butterfield St, Herston QLD 4029, Australia

Scientific program and coordination:

- Prof. Michael Schuetz, Queensland University of Technology – Brisbane, Australia
- Prof. David Paterson, University of Queensland – Brisbane, Australia
- Ass-Prof. Andrej Trampuz, Charité – Universitätsmedizin Berlin – Berlin, Germany

Friday, February 8, 2018

08.00 – 09.00	Registration of participants and coffee	60`
09.00 – 09.15	Welcome, Introduction of Faculty and Participants, Goals of the Symposium	Schuetz, Trampuz (15`)
INTRODUCTION		
09.15 – 09.30	Interdisciplinary Approach: Solution to Pollution?	Borens, Trampuz (15`)
09.30 – 09.50	Biofilms and Implants: The Big Challenge	Trampuz (20`)
09.50 – 10.10	Implant-Associated Infections – Epidemiology	Manning (20`)
10.10 – 10.30	Practical Diagnostic Algorithm – How to do it Right?	Renz (20`)
10.30 – 10.50	Discussion	All (20`)
10.50 – 11.20	Coffee break	30`
PERIPROSTHETIC JOINT INFECTIONS		
11.20 – 11.40	Management Algorithms: Key to Success?	Trampuz (20`)
11.40 – 12.00	Surgical Treatment: Acute versus Chronic PJI	Borens (20`)
12.00 – 12.20	Systemic Antimicrobial Therapy	Davis (20`)
12.20 – 12.40	Management of difficult cases	Donnelly (20`)
12.40 – 13.00	Discussion	All (20`)
13.00 – 14.00	Lunch break	60`

14.00 – 14.40	Principles and Practice of Antibiotic-Loaded Cement (Practical Hands-on Workshop)	TBD-Heraeus (40')
14.40 – 15.00	Local Resorbable Drug-Delivery Systems	TBD-Berlin (20')
FRACTURE-RELATED INFECTIONS		
14:40 – 15:00	Principles in the Management of Fracture-Related Infections	Schuetz (20')
15.00 – 15.20	Management Algorithms: Key to Success?	Borens (20')
15:20 – 15:40	Management of Difficult Cases	Tetsworth (20')
15.40 – 16.00	Discussion	All (20')
16.00 – 16.30	Coffee break	30'
16.30 – 16.50	Soft Tissue Management	Wagels (20')
16.50 – 17.10	Management of Bone Defects	Tetsworth (20')
17.10 – 17.30	Common Errors & Myths	Renz & Margaryan (20')
17.30 – 18.45	Management and Discussion of Tricky Cases	Moderated by Choong (TBC), Borens, Trampuz (45')
19.30	Networking over Dinner	

Saturday, February 9, 2018

BONE & JOINT INFECTIONS

08.00 – 08.20	Prevention of Infection	Peel (20')
08:20 – 08:40	Septic Arthritis	Margaryan (20')
08:40 – 09:00	Spinal infections	Renz (20')
09.00 – 09.20	Discussion	All (20')
09.20 – 09.50	Coffee break	30'
09.50 – 10.10	Antimicrobial Resistance – Past, Present, Future	Paterson (20')
10.10 – 10.30	Concordance of Preoperative and Intraoperative Microbiology	Dlaska (20')

10.30 – 10:50	New Approaches for Treatment of Biofilm Infections (Bacteriophages, Enzymes, etc.)	TBD-Berlin (20')
10.50 – 11.10	Outlook: Future Challenges and Solution (Implant Coating, 3D Printing, Molecular Imaging, etc.)	Choong (TBC) (20')
11.10 – 11.50	Case Discussions	Participants & Faculty (40')
11.50 – 12.00	Summary and Conclusions	10'
12.00	End of Symposium	
