

Online Seminar on Management of Fracture-Related Infections (FRI)

Venue: Online

In the Online Seminar on Management of Fracture-Related Infections (FRI) basic and advanced algorithms for successful bone infection management will be presented, interpreted and critically discussed. The content of Pocket Guides and relevant literature will be reviewed. An interdisciplinary team of world's leading experts will share their experience and practical tips on modern management of bone infection after trauma and fracture fixation.

The seminar is organized in 4 modules, including a mixture of overview lectures, e-learning tools, case presentations, voting and moderated chat discussion.

The seminar is sponsored by Biocomposites Ltd., Bio-Gate AG, Bonalive GmbH, Bonesupport, Curasan AG and OSARTIS GmbH.

Module 1 - Background and epidemiology: What is the problem?

Wednesday, 10 November 2021

18.00 – 18.05	Welcome & introduction	Trampuz (5')
18.05 – 18.10	Introduction voting	Trampuz (5')
18.10 – 18.25	Biofilm: the bad and the ugly – Basics of biofilm and action of biofilm-active antibiotics	Trampuz (15')
18.25 – 18.40	Osteomyelitis – Pathogenesis, classification	Morgenstern (15')
18.40 – 18.45	Case (presentation & voting)	Morgenstern (5')
18.45 – 19.00	Case discussion and Q&A	Faculty
19.00 – 19.15	Diagnosis and definition criteria of FRI	Metsemakers (15')
19.15 – 19.35	FRI – General treatment principles	Metsemakers (20')
19.35 – 19.55	Discussion and Q&A	Faculty
19.55 – 20.00	Wrap-up and homework case 3 (e-learning)	Trampuz (5')

Module 2 - Diagnostic algorithm: What is necessary?

Wednesday, 17 November 2021

18.00 – 18.05	Welcome & Introduction	Trampuz (5')
18.05 – 18.10	Case 3 (presentation & voting)	TBD (5')
18.10 – 18.25	Diagnostic approach – Preoperative & intraoperative tests	Trampuz (15')
18.25 – 18.40	Management of early postoperative complications	Meller (15')
18.40 – 18.55	Case 3 (discussion) and Q&A	Trampuz (15')
18.55 – 19.05	Video: Sonication	Feihl (10')
19.05 – 19.20	Imaging – x-ray, scintigraphy, CT, MRI, PET-CT	Ojeda-Thies (15')
19.20 – 19.35	Special Case	Trampuz (15')
19.35 – 19.40	Case 4 (presentation & voting)	Ojeda-Thies (5')
19.40 – 19.55	Case 4 (discussion) and Q&A	Ojeda-Thies/Trampuz (15')
19.55 – 20.00	Wrap-up	Trampuz (5')

Module 3 - Surgical therapy – decision-making process

Wednesday, 24 November 2021

18.00 – 18.05	Welcome & Introduction	Trampuz (5')
18.05 – 18.20	Management of bone defects & Resorbable bone substitutes	Ojeda-Thies (15')
18.20 – 18.30	Antimicrobial coating of implants	Alt (10')
18.30 – 18.35	Clinical case presentation	Alt (5')
18.35 – 18.45	Clinical case discussion and explanation	Konradt (10')
18.45 – 19.00	Q&A	Trampuz (15')
19.00 – 19.15	Management of difficult to treat infections	Alt (15')
19.15 – 19.30	Common errors in treatment	Ojeda-Thies (15')
19.30 – 19.35	Case 5 (presentation & voting)	Reiter (5')
19.35 – 19.55	Case 5 (discussion) and Q&A	Reiter/Trampuz (20')
19.55 – 20.00	Wrap-up and homework case 6 (e-learning)	Trampuz (5')

Module 4 - Antibiotic therapy and challenging situations

Wednesday, 1 December 2021

18.00 – 18.05	Welcome & Introduction	Trampuz (5')
18.05 – 18.20	Antibiotic management – Role of biofilm-active antibiotics	Trampuz (15')
18.20 – 18.30	Single-stage vs. multi-stage procedures	Meller (10')
18.30 – 18.45	Delayed and non-unions	TBD (15')
18.45 – 19.05	Q&A	Trampuz (20')
19.05 – 19.10	Infection of the intramedullary nail: a retrospective study	Schiefer (5')
19.10 – 19.15	TBD	TBD (5')
19.15 – 19.20	TBD	TBD (5')
19.20 – 19.35	Participant's case (presentation & discussion)	Borde (15')
19.35 – 19.40	Case 6 (presentation & voting)	TBD (5')
19.40 – 19.55	Case 6 (discussion) and Q&A	TBD/Trampuz (15')
19.55 – 20.00	Wrap-up & closure	Trampuz (5')