Online Seminar
on Management of Periprosthetic Joint Infection (PJI)

Venue: Online

Module 1 - Background and Diagnostic algorithm: How to detect the pathogen?

Wednesday, 15 September 2021

18.00 – 18.05	Welcome & Introduction	Trampuz (5’)
18.05 – 18.10	Introduction voting	Trampuz (5’)
18.10 – 18.15	Clinical case (presentation & voting)	Trampuz (5’)
18.15 – 18.30	Biofilm: the bad and the ugly – Basics of biofilm discovery of biofilm-active antibiotics	Trampuz (15’)
18.30 – 18.35	Video: Biofilm with live comments	Trampuz (5’)
18.35 – 18.50	Standard diagnostic approach – Pre- & intraoperative tests	Renz (15’)
18.50 – 19.00	Video: Sonication	Feihl (10’)
19.00 – 19.15	Clinical case (discussion) and Q&A	Trampuz (15‘)
19.15 – 19.30	Management principles – Algorithm from the infectious diseases perspective	Trampuz (15’)
19.30 – 19.55	Q&A	Trampuz (25’)
19.55 – 20.00	Wrap-up and e-learning	Trampuz (5’)

Module 2 - Surgical therapy – decision-making process

Wednesday, 22 September 2021

18.00 – 18.05	Welcome & Introduction	Trampuz (5’)
18.05 – 18.20	The importance of debridement – Video with live comments	Hofmann (15’)
18.20 – 18.35	Management principles – Algorithm from the surgical perspective	Pérez (15’)
18.35 – 18.50	Expert panel discussion and Q&A	Trampuz (15’)
18.50 – 19.05	Tips & Tricks for debridement & retention	Hofmann (15’)
19.05 – 19.20	Tips & Tricks for prosthesis exchange	Borens (15‘)
19.20 – 19.35	Early postoperative infections	Meller (15’)
19.35 – 19.55	Expert panel discussion and Q&A	Trampuz (20’)
19.55 – 20.00	Wrap-up, homework case and e-learning	Trampuz (5’)

Module 3 - Antibiotic therapy: when, what, how and how long?

Wednesday, 29 September 2021

18.00 – 18.05	Welcome & Introduction	Trampuz (5’)
18.05 – 18.10	Clinical case 1 (presentation & voting)	Trampuz (5’)
18.10 – 18.25	General antibiotic principles – Role and rational use of biofilm-active antibiotics	Trampuz (15’)
18.25 – 18.40	Principles of antibiotic loaded bone cement	Berberich (15’)
18:40 – 18.50	Video: Spacer management	Borens (10’)
18.50 – 19.10	Clinical case (discussion) and Q&A	Trampuz (20’)
19.10 – 19.25	Difficult to treat PJI – When biofilm-active antibiotics are not available	Trampuz (15’)
19.25 – 19.40	Clinical case 2 (presentation, voting & discussion)	Renz (15’)
19.40 – 19.55	Q&A	Trampuz (15’)
19.55 – 20.00	Wrap-up and e-learning	Trampuz (5’)

Module 4 - Difficult situations and common errors

Wednesday, 6 October 2021

18.00 – 18.05	Welcome & Introduction	Trampuz (5’)
18.05 – 18.20	Pitfalls, tricks & evidence	Stiehler (15’)
18.20 – 18.35	Prevention of PJI	Eckerlin (15’)
18.35 – 18.50	Q&A	Trampuz (15’)
18.50 – 18.55	Break Consultation Portal	Trampuz (5’)
18.55 – 19.10	Imaging – US, x-ray, CT, MRI, PET-CT	Eckerlin (15’)
19.10 – 19.25	Common errors in antibiotic treatment	Conen (15’)
19.25 – 19.40	Common errors in surgical treatment	Trebše (15’)
19.40 – 19.55	Q&A	Trampuz (15’)
19.55 – 20.00	Wrap-up, homework case and e-learning	Trampuz (5’)

Module 5 – Special situations & solutions

Wednesday, 13 October 2021

18.00 – 18.05	Welcome & Introduction	Trampuz (5’)
18.05 – 18.10	Clinical case 1 (presentation & voting)	Renz (5’)
18.10 – 18.25	PJI due to bacteria from the oral cavity	Vacha (15’)
18.25 – 18.30	Clinical case 1 (discussion)	Renz (5’)
18.30 – 18.45	Septic arthritits	Margaryan (15’)
18.45 – 18.55	Q&A	Trampuz (10’)
18.55 – 19.00	Participant’s case (presentation)	TBA (5’)
19.00 – 19.05	Participant’s case (discussion)	Trampuz (5’)
19.05 – 19.20	Clinical case 2 (presentation, voting & discussion)	Renz (15’)
19.20 – 19.35	Hematogenous infections	Renz (15‘)
19.35 – 19.55	Q&A	Trampuz (20’)
19.55 – 20.00	Wrap-up and e-learning	Trampuz (5’)

Module 6 – Novel approaches and outlook

Wednesday, 20 October 2021

18.00 – 18.05	Welcome & Introduction	Trampuz (5’)
18.05 – 18.20	Novel diagnostic methods – Biomarkers, molecular methods	Karbysheva (15’)
18.20 – 18.25	Video: Phage-bacterium interaction	González Moreno (5’)
18.25 – 18.35	Outlooks into the “post-antibiotic” era	González Moreno (10’)
18.35 – 18.40	Clinical case (presentation & discussion)	Morovic (5’)
18.40 – 18.55	Q&A	Trampuz (15’)
18.55 – 19.05	The tricky case	Meller (10’)
19.05 – 19.10	Participant’s case (presentation)	TBA (5’)
19.10 – 19.15	Participant’s case (discussion)	Trampuz (5’)
19.15 – 19.30	Controversies & solutions	Trampuz (15’)
19.30 – 19.55	Discussion and Q&A	Meller/Trampuz (25’)
19.55 – 20.00	Wrap-up, e-learning and Closure	Trampuz (15’)
	Feedback	