

Local antibiotic strategies – concepts, concentrations, clinical realities in Europe and in the US

Satellite symposium
EBJIS 2026

Thursday, 17 September 2026, 5.35–6.35 pm
Room Infante Hall



Please visit Heraeus
at booth no 1



This symposium provides an evidence-based overview of antibiotic-loaded bone cement in the prevention and treatment of periprosthetic joint infection (PJI), from principles to practice.

Bringing together international experts, the session will outline the scientific rationale for local antibiotic delivery, while placing a particular focus on polymethylmethacrylate (PMMA) bone cement as antimicrobial carrier.

Building on this scientific foundation, we will discuss current clinical practice, comparing indications, protocols, and treatment strategies in Europe and the United States.

In addition, we will reserve time for questions and interactive discussion.

By highlighting regional variations as well as common challenges, this symposium aims to foster a deeper understanding of how antibiotic-loaded bone cement is used in contemporary orthopaedic practice and to support informed, evidence-based decision-making in infection prevention and treatment.

Topics:

- **Principles of local antibiotic administration in the prevention and treatment of PJI**
- **PMMA bone cement as an antibiotic carrier – Bone cement composition, release, concentration and efficacy**
- **Clinical use of antibiotic-loaded bone cement in Europe and the United States**

Faculty:

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