



Workshop on Prosthetic Joint Infection (2018)

Berlin, Germany

Scientific Coordinator:

Dr. Andrej Trampuz

Charité – University Medicine Berlin, Germany

April 09 – 10, 2018

June 25 – 26, 2018

September 27 – 28, 2018

December 13 – 14, 2018

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Day One

09.00 – 10.00	Registration of participants and coffee
10.00 – 10.15	Welcome and goals of the Workshop
10.15 – 10.45	Biofilm: the good, the bad and the ugly
10.45 – 11.15	Standard diagnostic algorithm
11.15 – 11.45	Definition and classification of PJI
11.45 – 12.15	New diagnostic methods
12.15 – 13.15	Lunch buffet
13.15 – 15.15	Therapy of PJI <ul style="list-style-type: none">• Algorithmic approach• Surgical approaches: State of the art• Systemic antimicrobial treatment: State of the art
15.15 – 15.45	Coffee break
15.45 – 16.45	Bugs, bugs, bugs <ul style="list-style-type: none">• Uncommon bacteria (streptococci, enterococci, gram-negatives, anaerobes)• Fungal PJI• Polymicrobial PJI• Hematogenous origin of PJI
16.45 – 17.15	Prevention of PJI
17.15 – 18.00	Tricky cases: challenge the experts
19.30	Dinner at restaurant "Alpenstück", Gartenstraße 9, 10115 Berlin (not included in the registration fee)

Day Two

08:00 – 08:30	Coffee (meet the experts informally)
08:30 – 09:00	Quiz session: Questions to participants
09:00 – 10:00	Innovations from the research: from bench to bedside
10.00 – 10.30	Common mistakes in the management of PJI
10.30 – 11.00	Coffee break
11.00 – 12.30	Practical workshop (2 workshops each 30 min. in parallel) <ul style="list-style-type: none">• Demonstration of sonication (20')• Discussion of difficult cases (20')• Preparation of antimicrobial-loaded bone cement (40')
12.30 – 13.30	Lunch buffet
13.30 – 13.50	PJI due to bacteria from oral cavity – What do you know?
13.50 – 14.10	Spinal infections
14.10 – 14.30	Septic arthritis
14.30 – 15.00	Wrap-up & course evaluation

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Topics for discussion

- Epidemiology & implant registries: Primary and revision arthroplasty
- The importance of animal models to bridge the gap from in vitro to clinical studies
- Diagnosis: microbiology, cytology, histology, imaging
- Prevention of infection
- Surgical and antimicrobial therapy
- Therapeutic options for difficult-to-treat organisms (rifampin-resistant staphylococci, enterococci, VRE, fungi, MDR-gram-negative bacilli)
- Local antimicrobial therapy, drug delivery systems, bone substitutes and bone grafts
- Osteomyelitis and septic arthritis, incl. cruciate ligament infections
- Guidelines of international societies
- Hematogenous infection: when and how to perform surgical intervention
- Early postoperative infection: when to revise hematoma
- Delayed (low-grade) infection: diagnostic difficulties and treatment options
- Chronic painful joint without obvious signs of infection and repeated negative microbiology
- Culture-negative infections: To treat or not to treat
- Difficult surgical cases: multiple revisions, compromised soft tissues, insufficient bone stock, persistent infection
- Typical mistakes leading to treatment failure

Target audience

Clinicians and life-science researchers with advanced knowledge and interest in implant-associated infections of the following specialties (or enrolled in an educational program):

- Traumatology, orthopedic or related surgery dealing with implants
- Internal medicine, (micro)biology, infectious diseases or related fields dealing with biofilms and antibiotics
- Pharmacy, pharmacology or related fields dealing with pharmacokinetics/pharmacodynamics

Ideally, a complementary team from individual institutions should attend the same workshop, i.e. orthopedic/trauma surgeon and microbiologist/infectious diseases specialist.

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Workshop venue

LANGENBECK VIRCHOW HAUS
Luisenstraße 58/59
10117 Berlin Mitte

Organization

Anna Koliszak, Foundation Manager
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anna@pro-implant-foundation.org

Credits CME

Workshops on PJI are accredited by Ärztekammer Berlin.

Language

English

Course fee

520,00 EUR
Early-bird registration – 480,00 EUR (at least 30 days prior to the Workshop)

Course fee is not subject to taxation according to § 4 Nr. 22a German tax Act, UStG

Certificate&more

All participants will receive an attendance certificate.

After the Workshop participants get access to the Download Area on PRO-IMPLANT Foundation website, where presentations and workshop material is available. All participants receive the latest version of the Pocket guide to Diagnosis and Treatment of Prosthetic Joint Infection.

Participants are encouraged to actively participate in case discussions by presenting their own cases, approx. 5 slides.

Sponsoring

PRO-IMPLANT Foundation is cooperating with a number of medical material/devices developers. Our aim is to support practical and innovative diagnostic and treatment method development.

Our hands-on session on antimicrobial-loaded bone cement mixing is sponsored by Heraeus Medical GmbH.

Antimicrobial eluting biocomposite is supplied by Bonesupport GmbH.