

The goal: Advancing knowledge

To review, update and advance theoretical and practical knowledge in diagnosis, treatment and prevention of implant-associated infections. At the end of the workshop, participants should be able to generate a rational and efficient management plan in an interdisciplinary team.

The challenge: Biofilm and implants

Implant-associated infections occur in 1-5% after primary and up to 20–30% after revision surgery. Bacteria grow on medical devices as biofilm, making them difficult to detect and to eradicate. These infections cause considerable morbidity and increase healthcare costs. An efficient concept can significantly improve the treatment outcome and life quality of patients.

The solution: Teamwork

The key to success is an interdisciplinary approach integrating the latest evidence, clinical experience and innovations in diagnosis, local and systemic antimicrobials and surgical techniques.

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



Venue

LANGENBECK VIRCHOW HAUS
Luisenstraße 58/59
10117 Berlin, Germany

Local Public Transport

You can reach Langenbeck Virchow Haus by:
U-Bahn: U6 – “Oranienburger Tor”; U55 – „Hauptbahnhof”
S-Bahn: S1, S2, S25, S5, S7, S75 – “Friedrichstraße”
Tram: 12, M1, M5 – “Oranienburger Tor”; M5, M8, M10 – “Hauptbahnhof”
Bus: 147, TXL – “Charité – Campus Mitte”

Parking

APCOA Underground Car Park
Luisenstraße 47–52, 10117 Berlin



Workshop on Prosthetic Joint Infection (PJI)

Berlin, Germany

April 9–10, 2018

June 25–26, 2018

September 27–28, 2018

December 13–14, 2018

Scientific Coordinators:

Dr. Andrej Trampuz and Dr. Nora Renz
Charité – Universitätsmedizin, Berlin, Germany

Welcome

Dear colleagues, dear friends,

It is our great pleasure to invite you to one of the upcoming Workshops on Prosthetic Joint Infection in 2018 in Berlin.

Our goal is to provide you the most up-to-date and best evidence-based knowledge in pathogenesis, diagnosis, treatment and prevention of prosthetic joint infection. We put a special emphasis on the interdisciplinary teamwork, open discussions and practical advice for the routine clinical work.

Since the establishment of the PRO-IMPLANT Foundation in 2013, we have constantly improved the quality of lectures, broadened the content and strived to acquire the best international experts in the field. Practical hands-on sessions, case discussions and interactive lectures are specially designed to share experience and interact with other participants.

The number of workshop participants from all over the world is steadily growing, demonstrating the interest and need for such an educational event.

This is why PRO-IMPLANT Foundation is tremendously honored to continue fulfilling its mission and commitment to support international research, medical education, global networking and patient care.

We are very pleased to welcome you to one of our next Workshops on Prosthetic Joint Infection in 2018 to fulfil this aim together.

Yours sincerely,



Dr. Andrej Trampuz
Chair, Executive Board



Dr. Nora Renz
Vice Chair, Executive Board



Agenda

Day One

09.00 – 10.00	Registration of participants and coffee
10.00 – 10.20	Welcome and goals of the Workshop
10.20 – 10.40	Why do biofilms make implant infections difficult to treat?
	Diagnosis of PJI – interactive session
10.40 – 11.45	Which definition criteria are the best?
11.45 – 12.00	Conventional tests
12.00 – 12.15	New and potential future tests
12.15 – 13.15	Lunch buffet
	Therapy of PJI – interactive session
13.15 – 14.30	Current treatment concepts: What works and what does not
14.30 – 15.00	The role of systemic antibiotic therapy
15.00 – 15.30	Challenges in surgical treatment
15.30 – 16.00	Coffee break
16.00 – 16.30	Common mistakes in the management of PJI
	Practical workshops (2 workshops each 1h in parallel)
16.30 – 18.30	Demonstration of <ul style="list-style-type: none">■ Sonication and new diagnostic tests■ Preparation of antimicrobial-loaded bone cement
19.30	Dinner at restaurant (not included in the registration fee)

Day Two

09.00 – 10.00	New developments in PJI: From bench to bedside
10.00 – 10.30	Spinal infections
10.30 – 11.00	Coffee break
11.00 – 11.15	Prevention of infection
11.15 – 13.00	Case discussions
13.00 – 14.00	Lunch buffet
14.00 – 14.30	Septic arthritis
14.30 – 15.30	Case discussions: Presentations by participants
15.30 – 16.00	Sponsored satellite symposium
16.00 – 16.30	Wrap-up & course evaluation & summary



Organizational details

Language: English

Course fee: 520,00 EUR

Early Bird registration: 480,00 EUR
(at least 30 days prior to the Workshop)

Credits: Workshops on PJI are accredited by Ärztekammer Berlin.

Certificate: Participants receive an attendance certificate.

Educational material: 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 periprosthetic Joint Infection.

Group size: 50–60 participants
Participants are encouraged to actively participate in case discussions by presenting own cases, approx. 5 slides.

Registration: Only online registration is possible:
<https://pro-implant-foundation.org/en/events/workshops>

Contact: Dr. Wiebke Jansen (scientific coordinator)
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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.