

The goal: Advancing knowledge

To review, update and advance the theoretical and practical knowledge in prevention, diagnosis and treatment 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.

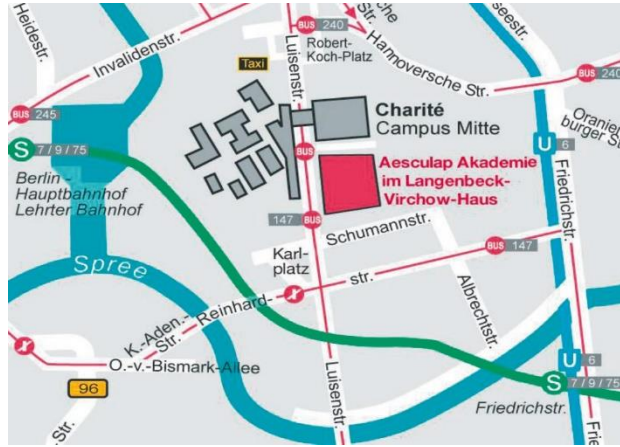
The solution: Teamwork

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 of discussion

- Epidemiology & implant registries: Primary and revision arthroplasty
- The importance of animal
- Diagnosis: microbiology, cytology, histology, imaging
- Prevention of infection
- Surgical and antimicrobial therapy
- Therapeutic options for difficult-to-treat organisms
- 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
- 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

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Venue

Langenbeck-Virchow-Haus (Aesculap Akademie, 5th floor)
Luisenstraße 58/59
10117 Berlin, Germany

Local Public Transport

Subway: U6 – “Oranienburger Tor”
U55 – “Hauptbahnhof”
Train: S1, S2, S25, S5, S7, S75 – “Friedrichstraße”
S5, S7, S75 – “Hauptbahnhof”
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, Germany



Workshop on Management of Periprosthetic Joint Infection (PJI)

Berlin, Germany
October 20-21, 2022

Faculty:

Assist. Prof. Dr. Andrej Trampuz
Charité – University Medicine Berlin, Germany

Dr. Daniel Pérez Prieto
Hospital del Mar, Barcelona, Spain

Assist. Prof. Alessandra Oliva
Sapienza University of Rome, Italy

Dr. Sebastian Meller
Charité - University Medicine Berlin, Germany

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Welcome

Dear colleagues, dear friends,

After a long break, we are more than happy to finally be able to hold face-to-face workshops in Berlin again! It is our great pleasure to invite you to our Workshop on Management of Periprosthetic Joint Infection (PJI) in October 2022 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 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 the 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 2022 to fulfill this aim together.

Yours sincerely,



Dr. Andrej Trampuz
Chair, Executive Board



Agenda

Thursday, 20th October 2022

9:00 am	Registration of participants & coffee
10:00 am	Welcome & goals of the Workshop
10:15 am	Biofilm: the good, the bad and the ugly
10:35 am	Keynote lecture: The role of rifampin against staphylococcal biofilm infections in vitro, in animal models and in PJI
10:55 am	Diagnosis and definition of PJI (microbiology, histopathology)
11:15 am	Histopathological diagnosis of infections
11:30 am	Coffee break
12:00 pm	Standard diagnostic algorithm
12:30 pm	New methods for biofilm-detection
1:00 pm	Lunch
1:45 pm	Therapy of PJI <ul style="list-style-type: none">- Surgical approaches: State of the art- Systemic AB treatment: State of the art- Discussion
3:15 pm	Coffee break
3:45 pm	Principles of antibiotic loaded bone cement
4:00 pm	Practical workshop (2 groups in parallel) <ul style="list-style-type: none">- Demonstration of sonication & case discussion- Preparation of AB-loaded bone cement
5:30 pm	What is your diagnosis? – Challenge the experts
7:30 pm	Dinner – not included in the registration fee

Friday, 21st October 2022

8:30 am	Coffee (meet the experts informally)
9:00 am	Innovations from the research lab: from bench to bedside: First clinical experience of bacteriophages; Investigational anti-biofilm techniques: Electricity
9:30 am	Plant-based starch for prevention of bleeding and infections
9:40 am	Septic arthritis
10:00 am	Prevention
10:20 am	Coffee break
10:50 am	Hematogenous origin of PJI
11:10 am	Presentation of complex cases
11:40 am	Experience with war injuries from Ukraine
12:00 pm	Results from the study CeraHip
12:15 pm	Common mistakes in the management of PJI
12:35 pm	Lunch buffet
1:20 pm	Measurement of patient satisfaction after PJI treatment
1:30 pm	Clinical case presentations
2:00 pm	Questions from the audience
3:00 pm	Wrap-up & course evaluation

Organizational details

Workshop language: English

Course fee: 520.00 €

Early Bird registration: 480.00 € (until 20th September 2022)

Credits: Applied for approval at the Medical Chamber Berlin (Ärztchamber Berlin) and [Ethical MedTech](#)

Certificate: Participants receive a certificate of participation.

Educational material: All participants receive the latest version of the Pocket guide to Diagnosis and Treatment of Prosthetic Joint Infection and all relevant publications related to PJI.

Group size: 40-50 participants

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

Registration: Online:

<https://pro-implant.org/education/workshops/3>

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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.

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