



AESCULAP
AKADEMIE®



MANAGEMENT STRATEGIES FOR ORTHOPEDIC IMPLANT-ASSOCIATED INFECTIONS

5 - 6 March 2018 | Berlin

Germany

Endorsed by:



PRO-IMPLANT
FOUNDATION

Dear colleagues,

It is our great pleasure to invite you to the first workshops on orthopedic implant-associated infections, jointly organized with the Aesculap Academy and PRO-IMPLANT Foundation, which will be held in Berlin, Germany.

During this advanced workshop, evidence-based and up-to-date knowledge of diagnosis, treatment and prevention of infections will be critically reviewed and discussed. Infections associated with prosthetic joints, fracture-fixation devices (plates, nails, wires, pins), spinal hardware will be addressed. In addition, management of septic arthritis, vertebral osteomyelitis and complicated soft tissue infections will be discussed.

PREFACE

Particular emphasis will be dedicated to the interdisciplinary approach, open discussions and practical advice on how to deal with challenging clinical situations. In addition, new diagnostic tests, emerging surgical techniques, local antibiotic treatment and future implant types will be reviewed. After completion of the workshop, all relevant aspects of orthopedic infections with and without implants will be addressed.

We are very pleased to welcome you to this unique scientific opportunity and hope to offer you plenty of scientific, dynamic and fruitful discussions.

With best regards,

Andrej Trampuz, MD
Berlin, Germany

PROGRAM

MONDAY, 5 MARCH 2018

8.00 am – 6.30 pm

- Registration
- Introduction of the course and participants
- Epidemiology
 - Epidemiology of implant-associated infections
 - Types of registries
- Background on biofilm
 - Principles of biofilm formation
 - Microbiology
 - Role of host and implant
- Pathogenesis, classification and definition of infections
 - Early and delayed (low-grade) postoperative infection
 - Hematogenous infection: search for primary focus
 - Definition criteria for implant-associated infections
- Diagnosis
 - Preoperative (blood tests, joint aspiration)
 - Intraoperative (periprosthetic tissue culture and histopathology, sonication)
 - Imaging options
 - New and investigational diagnostic tests (biomarkers, molecular tests, D-lactate, microcalorimetry)
- Principals of treatment algorithm
 - Rationale for choice of different treatment approaches
- Surgical treatment
 - Retention vs. removal/exchange of the implant
 - 1- vs. 2-stage exchange of the prosthesis
 - Timing of reimplantation in 2-stage exchange
 - Use of fixation devices and temporary spacers
 - Cemented and uncemented approach
- Antimicrobial treatment
 - Systemic therapy (choice of antibiotic with biofilm activity, drug-drug interactions, toxicity)
 - Local antimicrobial therapy (bone cement spacers, drug delivery systems, spacers, bone substitutes and bone grafts)
 - Long-term antimicrobial suppression (indications, cycling, pitfalls)

PROGRAM

- ▮ Therapy in patients with antibiotic allergy, renal insufficiency, immunosuppression
- ▮ Special situations
 - ▮ Infections after fracture fixation
 - ▮ Septic arthritis (with and without cruciate ligaments)
 - ▮ Vertebral osteomyelitis (with and without spinal hardware)
 - ▮ Soft tissue coverage (vacuum-assisted coverage, flap)

TUESDAY, 6 MARCH 2018

8.00 am – 2.45 pm

- ▮ Prevention of infection
 - ▮ Skin/nose decolonization
 - ▮ Pre-, intra- and postoperative prophylaxis
 - ▮ Search for potential primary foci
- ▮ Case discussions
 - ▮ When to revise a surgical site hematoma and wound draining
 - ▮ Culture-negative infections: To treat or not to treat
 - ▮ Difficult surgical cases (multiple previous revisions, compromised soft tissue, insufficient bone stock, persistent chronic infections)
- ▮ Most common errors in:
 - ▮ Diagnosis
 - ▮ Surgery
 - ▮ Antimicrobial treatment
- ▮ Wrap-up & Summary
 - ▮ Summary of the course
 - ▮ Unresolved issues and potential solutions

Closing remarks & evaluation of the course

CASE DISCUSSIONS

Participants are encouraged to actively participate in case discussions by presenting interesting cases (maximum 5 slides, duration of 5 minutes).

I would like to register for the course **Management strategies for orthopedic implant-associated infections** at the Langenbeck-Virchow-Haus in Berlin:

5 - 6 March 2018

Mrs./Ms. Mr.

Surname, Name, Title

Department / Profession

Hospital

Street, Number

Zip-Code, City, Country

Invoicing address (if different)

For any queries regarding my registration, my contact details are:

Phone

E-Mail

I would like to receive further interesting information on future events via e-mail when appropriate.

Data protection is very important to us. Your registration data will be used to organize this event as well as to inform you about future events and other topics of your interest. Your data will not be passed on to a third party outside the B. Braun group. If you do not wish to receive any further information, you can object to the use of your data for advertising purposes at any time. Please contact Aesculap Akademie GmbH, Am Aesculap-Platz, 78532 Tuttlingen, Germany in writing or via e-mail to datenschutz@aesculap-akademie.de

Date, Signature

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Expiry Date			
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Signature			

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INFORMATION

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Nora Renz, MD

Internal Medicine Specialist - Charité – University Medicine
Berlin, Germany

Andrej Trampuz, MD

Infectious Diseases Specialist - Charité – University Medicine
Berlin, Germany

TARGET AUDIENCE

Clinicians with advanced knowledge of orthopedic implant-associated infections, including the following specialties:

- Orthopedic & trauma surgeons, spine surgeons and related disciplines dealing with bone and joint infections
- Specialists in infectious diseases, clinical microbiology, internal medicine, infection control and related fields dealing with biofilm infections
- Pharmacists, pharmacologists, biologists, researchers and related fields dealing with antibiotic treatment and biofilm research

VENUE

AESFULAP AKADEMIE GMBH

im Langenbeck-Virchow-Haus

Luisenstraße 58-59, 10117 Berlin, Germany

ACCREDITATION

This activity has been submitted for credit points given by the Ärztekammer Berlin and Akademie für Infektionsmedizin.

INFORMATION

COURSE FEE

■ Early bird registration by 5 January 2018:
442.00 Euro net plus VAT, where applicable

■ From 5 January 2018:
472.00 Euro net plus VAT, where applicable

including course documentation, food & beverages during the course as well as hotel accommodation for 2 nights.

Your registration will be valid upon receipt of a written confirmation. In order to ensure your booking, please provide us with your credit card details on the registration form. An invoice will be sent to you approximately 4 weeks prior to the course.

HOTEL RESERVATION

Together with your confirmation of participation you will receive an information leaflet of the hotel where we have booked your accommodation.

CANCELLATION TERMS

If a participant cancels his/her registration 4 weeks or more before the beginning of the event, the course fee will be reimbursed in full. After this time and up to 14 days before the seminar begins, we offer to offset the value of the fee by crediting it to another seminar. If this is not acceptable to the participant, we shall charge an administration fee of 10% or at least 30.00 Euro. For cancellations made between 14 and 7 days before the event, we reserve the right to charge half the course fee. The full course fee will be payable for cancellation after this period or for non-attendance. The general terms and conditions of Aesculap Akademie GmbH are applicable and can be forwarded on request.

For reasons of readability, the male form is used with personal names, however the female form is also always intended.

The Aesculap Academy is one of the leading medical forums for everyone who is professionally, passionately and ambitiously committed to people's health. To those medical professionals we offer top quality knowledge transfer based on globally recognized quality criteria using innovative methods and technologies.

DIALOG – DEDICATED TO LIFE.

The Aesculap Academy has its roots in the company B. Braun, which has been protecting and improving people's health for more than 175 years. With our courses, hands-on trainings and symposia we help to honor our parent company's promise of SHARING EXPERTISE.

The courses at the Aesculap Academy offer participants who want to continue to learn in an inspiring environment knowledge transfer and teaching that are adapted to real life: lifelong learning, true-to-life training situations and realistic content for a better life for patients and medical staff.

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