Update on Infections Associated with Orthopaedic Implants: Diagnosis and Management

Pamplona, Spain 7 – 9 June 2017

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Target Audience
Up to 120 specialists or physicians interested in updating their knowledge on the diagnosis and management of orthopaedic implant-associated infections including: orthopaedic surgeons, infectious diseases physicians, internal medicine physicians, hospitalists, infection control practitioners or clinical microbiologists. Medical doctors and surgeons in training are also welcome.

Faculty Members
Thomas Bjarnsholt, Copenhagen, Denmark
Olivier Borens, Lausanne, Switzerland
Guillem Bori, Barcelona, Spain
Javier Cobo, Madrid, Spain
Jose Luis del Pozo, Pamplona, Spain
Jaime Esteban-Moreno, Majadahonda, Spain
M. Jose Garcia Vellosa, Pamplona, Spain
Ethygni Giannitsioti, Athens, Greece
Jaime Lora-Tamayo, Madrid, Spain
Martin McNally, Oxford, United Kingdom
Oscar Murillos, Barcelona, Spain
Antonios Papadopoulos, Athens, Greece
Maria Eugenia Portillo, Pamplona, Spain
Mike Reed, North Umbria, United Kingdom
Dolors Rodriguez-Pardo, Barcelona, Spain
Eric Senneville, Tourcoing, France
Alex Soriano, Barcelona, Spain
Andrés Valentí, Pamplona, Spain
Andreas F. Widmer, Basel, Switzerland
Bas Zaat, Amsterdam, Netherlands
Werner Zimmerli, Allschwil, Switzerland

Course Objectives
This education course aims at those confronted with orthopaedic implant-associated infections in daily routine as orthopaedic surgeons, infectious diseases physicians, internal medicine physicians, hospitalists, infection control practitioners or clinical microbiologists. All participants attending this course will learn about the recent and relevant advances in the diagnosis, antimicrobial and surgical therapeutical aspects of orthopaedic implant-associated infections. The programme consists of a 3-day course with interactive lectures illustrated with clinical cases and meet-the-expert sessions.

ESCMID Postgraduate Education Course
Update on Infections Associated with Orthopaedic Implants: Diagnosis and Management

Organizers
• ESCMID Study Group for Implant-Associated Infections – ESGIAI
• Clínica Universidad de Navarra
• Spanish Nosocomial Infection Study Group (GEIH)
• Spanish Society for Clinical Microbiology and Infectious Diseases (SEIMC)

Course Coordinators
• Jose Luis del Pozo, Pamplona, Spain
• Alex Soriano, Barcelona, Spain

Picture outside: Pseudomonas aeruginosa biofilm growing on a teflon surface © Jose Luis del Pozo

Picture inside: Implanted orthopaedic hardware related infections © Jose Luis del Pozo
Course Programme

Wednesday, 7 June 2017
15.00  Welcome and registration
(Edificio Ampliación de Bibliotecas, School of Medicine, Universidad de Navarra)
15.30  Introduction to the course.
Jose Luis del Pozo, Alex Soriano
Biofilm disease: from bench to bed
16.00  What should a clinician know about fungal and bacterial biofilms?
Thomass Bjarnsholt
16.30  Experimental models of biofilm infections.
Bas Zaat
17.00  Experimental and clinical aspects of device-associated biofilm infections.
Werner Zimmerli
17.30  Coffee break

Thursday, 8 June 2017
09.00  Prosthetic joint infection: predictors of outcome in acute infections treated with debridement. Eric Senneville
09.30  How can we manage culture-negative infections? Oscar Murillo
10.00  Prosthetic joint infection: one- versus two-stage replacement. Guillem Bon
10.30  Coffee break

Managing orthopaedic implant infections II
11.00  Haematogenous prosthetic joint infection: which is the best medical and surgical approach? Jose Luis del Pozo
11.30  What is new in spinal implant infections? Dolors Rodriguez-Pardo
12.00  Local antimicrobial treatment, kinetics of different carriers and indications. Martin McNally

Workshops (25 persons per group, every person participates in 2 workshops)
12.30  Workshop 1: prosthetic joint acute infection [50 min.]
Olivier Borens, Jose Luis del Pozo
13.00  Workshop 2: prosthetic joint late chronic infection [50 min.]
Martin McNally, Alex Soriano
13.30  Workshop 3: fixation device-related infections [50 min.]
Guillem Bon, Eric Senneville
14.00  Workshop 4: long-term antimicrobial suppression [50 min.]
Javier Cobo, Andres Valentí
14.30  Lunch
15.30  Workshops continued (25 persons per group, every person participates in 2 workshops)
17.30  Coffee break

Friday, 9 June 2017
08.30  Should we improve antimicrobial prophylaxis in implant surgery? New insights. Antonios Papadopoulos
09.00  What is the role of Staphylococcus aureus carriers detection and eradication before an implant surgery? Andreas F. Widmer
09.30  Assymptomatic bacteriuria — does it play any role? Alex Soriano
10.00  Coffee break
10.30  New biomaterial-based strategies to avoid implant infection. Jaime Esteban-Moreno
11.30  Concluding remarks

Difficult-to-treat scenarios
18.00  Treatment of orthopaedic implant multidrug-resistant Gram-negative infections.
Efthymia Giannitsioti
18.30  Treatment of orthopaedic implant infections caused by fungi and mycobacteria.
Jaime Lara-Jamayo
20.00  Cultural tour
21.30  Dinner with the faculty panel

Organization

Course Venue
School of Science (Edificio Ampliación de Bibliotecas)
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Accommodation
Hotels to be announced

Registration Procedure
Register now online on the ESCMID website at www.escmid.org/education. Registration deadline is 10 May 2017.

Registration Fee
EUR 750 for ESCMID members
(Full Membership/Young Scientist Membership)
EUR 850 for all others

The fee includes the course, educational material, two hotel nights (7/8 June 2017), breakfasts, lunches, coffee breaks, a dinner with the faculty panel and the social events (museum guided visit and cultural tour). Travel is not included.

Attendance Grants
ESCMID provides a number of attendance grants for ESCMID “young scientist members”. The grant covers the registration fee. Travel is not included. Please apply via the ESCMID website at www.escmid.org/education before 1 April 2017. Applicants will be informed about their acceptance by 16 April 2017.

CME Accreditation
The organizers of the course will apply for European CME accreditation through EACCME.