



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 García Velloso, Pamplona, Spain
Efthymia Giannitsioti, Athens, Greece
Jaime Lora-Tamayo, Madrid, Spain
Martin McNally, Oxford, United Kingdom
Oscar Murillo, 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

Contact

Contact Person (Scientific Programme)

Jose Luis del Pozo
Clínica Universidad de Navarra
Infectious Diseases Division and Clinical Microbiology
Avda Pío XII 36
31008 Pamplona, Spain

Phone: +34 948 25 54 00
Fax: +34 948 29 65 00
jdelpozo@unav.es

Administrative Secretariat

Amaia Zaratiegui
Clínica Universidad de Navarra
Servicio de Calidad
Avda Pío XII 36
31008 Pamplona, Spain

Phone: +34 948 25 54 00
Fax: +34 948 29 65 00
azarati@unav.es

Picture outside: *Pseudomonas aeruginosa* biofilm growing on a teflon surface. © Jose Luis del Pozo
Picture inside: Implanted orthopaedic hardware-related infection. © Jose Luis del Pozo



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ESCMID Postgraduate Education Course

Update on Infections Associated with Orthopaedic Implants: Diagnosis and Management

Pamplona, Spain
7 – 9 June 2017



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

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.

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?
Thomas 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

Diagnosing orthopaedic implant infections

- 18:00 How can we improve conventional culture
techniques? *Maria Eugenia Portillo*
- 18:30 Are biomarkers and new molecular techniques
useful in diagnosing and follow-up? *Mike Reed*
- 19:00 Is PET/CT imaging the future of orthopaedic
implant infection diagnosis?
M. Jose García Velloso
- 20:30 Guided visit to the Museo Universidad
de Navarra
- 21:30 Cocktail in the museum

Thursday, 8 June 2017

Managing orthopaedic implant infections I

- 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 Bori*
- 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 Bori, Eric Senneville
- 14:00 Workshop 4: long-term antimicrobial
suppression (50 min.).
Javier Cobo, Andrés Valentí
- 14:30 Lunch
- 15:30 Workshops continued
[25 persons per group, every person
participates in 2 workshops]
- 17:30 Coffee break

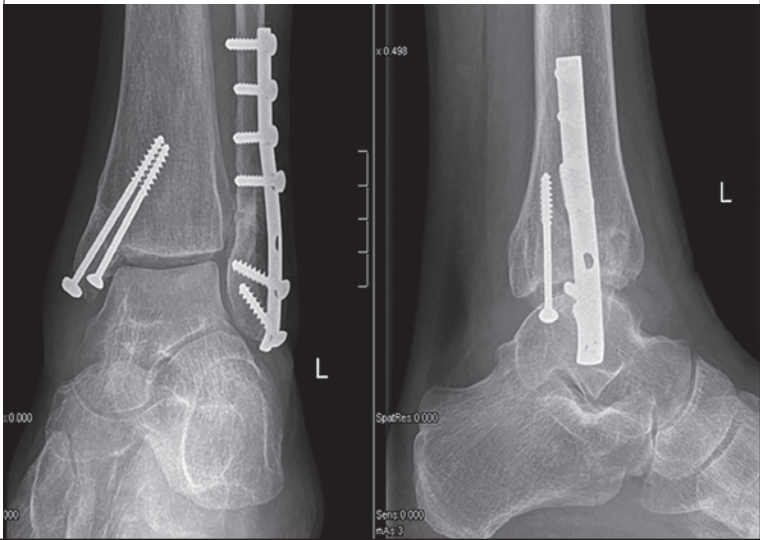
Difficult-to-treat scenarios

- 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 Lora-Tamayo
- 20:00 Cultural tour
- 21:30 Dinner with the faculty pannel

Friday, 9 June 2017

Preventing orthopaedic implant infections

- 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



Organization

Course Venue

School of Science (Edificio Ampliación de Bibliotecas)
Universidad de Navarra
Campus Universitario
31008 Pamplona, Spain

Phone: +34 948 25 54 00
Fax: +34 948 29 65 00
jdelpozo@unav.es
<http://www.cun.es/>

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 accep-
tance by 16 April 2017.

CME Accreditation

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