

Revision Knee Arthroplasty and Periprosthetic Joint Infection: Current Concepts and Future Directions

8–9 October 2027

Arthroplasty & Degenerative Knee

Rome, Italy



SCIENTIFIC PROGRAMME

10 h 45

Scientific programme
excluding breaks

3 h 45

Dedicated to PJI
two 90-min sessions + case
finale

10 min

Standard lecture
discussion at the end of each
session

49

Faculty
from 20 countries

Day one

FRIDAY, 8 OCTOBER 2027

09:00 – 18:00

09:00 – 09:15

15 MIN

Welcome & Introduction

- Opening remarks – ESSKA
- Introduction of the new ESSKA Section and its activity
- Introduction of faculty & course essentials

Michael Hantes, Bruno Violante,
Paweł Skowronek

09:15 – 10:45

90 MIN

Session 1 – Decision Making

- Patient expectations after TKA
- Painful TKA: diagnostic algorithm
- RTKA: results and complications
- Robotic RTKA: state of the art
- Selected component revision in RTKA
- Role of the plastic surgeon in the multioperated knee
- The RTKA workflow – steps to make the correct decision

7 × 10-min talks + 20 min
discussion. Case: "Nightmare
revision – what would you do?"

10:45 – 11:15

30 MIN

Coffee break**11:15 – 12:45**

90 MIN

Session 2 – Basics of Revision

- Surgical exposure in RTKA
- Implant removal in RTKA
- Coronal alignment in revision TKA – keep mechanical
- Coronal alignment in revision TKA – looking to anatomic
- Reconstructing the joint line in revision TKA
- The third space in RTKA
- Revision uni knee – tips and tricks

7 × 10-min talks + 20 min case-
based discussion

12:45 – 13:45

60 MIN

Lunch**13:45 – 15:15**

90 MIN

Session 3 – Fixation & Bone Defects

- Classification of bone defects
- Two-zone fixation in RTKA
- Metaphyseal fixation – cones
- Metaphyseal fixation – sleeves
- How to use wedges and blocks
- Stems: cemented vs porous, short vs diaphyseal
- Porous implant in RTKA

7 × 10-min talks + 20 min difficult
bone-loss case

15:15 – 15:45

30 MIN

Coffee break

Day one CONTINUED

09:00 – 18:00

15:45 – 17:15

90 MIN

Session 4 – Stability & Ligament Balance

- Level of constraint in RTKA
- Management of patellar instability
- Sagittal plane instability: recurvatum and flexion instability
- Coronal plane and mid-flexion instability
- Basics of megaprotheses
- Management of patella fracture, quadriceps and patellar tendon rupture in RTKA
- The stiff knee in revision

7 × 10-min talks + 20 min instability and constraint case discussion

17:15 – 18:00

45 MIN

Day 1 Interactive Finale

- Integrated complex aseptic revision cases

Three short cases connecting decision-making, fixation, bone loss and stability. Faculty voting and take-home messages.

Day two SATURDAY, 9 OCTOBER 2027

08:30 – 14:00

08:30 – 09:30

60 MIN

Session 5 – Osteotomy Techniques in RTKA

- TKA in extra-articular deformities
- Osteotomies around the knee in RTKA
- Osteotomy techniques to remove difficult knee implants – TTA

3 × 10-min talks + 30 min case-based discussion

09:30 – 11:00

90 MIN

Session 6A – PJI: Diagnosis & Decision Making

- Current diagnostic criteria: ICM/EBJIS, unified – where do we stand?
Daniel Pérez-Prieto
- Emerging biomarkers and differential diagnosis with aseptic loosening
Andrea Sambri
- Low-grade and culture-negative PJI: the diagnostic challenge
Antonio Pellegrini

10-min presentations followed by discussion

11:00 – 11:30

30 MIN

Coffee break

11:30 – 13:00

90 MIN

Session 6B – PJI: Treatment & Reconstruction

- One-stage revision: technique and outcomes
Juan Carlos Martínez-Pastor
- Two-stage revision: spacers and timing of reimplantation
Ricardo Sousa
- Management of recurrent PJI and re-revision for infection
Antonio Pellegrini
- Why do we not want a one- versus two-stage crossfire any more?
All faculty

Second 90-min PJI block, including soft-tissue reconstruction

13:00 – 13:45

45 MIN

PJI Interactive Finale – Nightmare Infected Revision

- Difficult cases combining bone defect and infection
Massimiliano De Paolis and Roland Becker
- Final round table with all faculty

Case-based multidisciplinary discussion with faculty voting

13:45 – 14:00

15 MIN

Final Take-Home Messages & Closing

- Key messages from all sessions

Ten-minute talks throughout, with discussion held at the end of each session. Programme as at the current draft; sessions, talks and faculty may change.

FACULTY

INVITED SPEAKERS

Javad Parvizi US	Antonia Chen US	Bryan Springer US	Michael Meneghini US
David Parker AUSTRALIA	Nicolaas Budhiparama INDONESIA	Jiis Van Ellemond NETHERLANDS	Sebastien Lustig FRANCE
Fares Haddad UK			

FACULTY

Paweł Skowronek POLAND	Guillaume Demey FRANCE	Bruno Violante ITALY	Steffen Schröter GERMANY
Daniel Perez Prieto SPAIN	Elvire Servien FRANCE	Alan Ivkovic CROATIA	Trifon Totlis GREECE
Daniel Guenther GERMANY	Artur Kroell SWITZERLAND	James Harty IRELAND	Giuseppe Umile Longo ITALY
Mikhail Salzmann GERMANY	Christos Koutserimpas GREECE	George Mihai Avram ROMANIA	Philippe Van Overschelde BELGIUM
Bartosz Maciag POLAND	Antonio Klasan AUSTRIA	Theofilos Karachalios GREECE	Nane Kort NETHERLANDS
Mladen Miskulin CROATIA	Bruce Gomberg USA	Christian Schaller GERMANY	Patrick Sadoghi AUSTRIA
Geert Meermans BELGIUM	Luigi Capasso ITALY	Raghbir Khakha UK	Vlad Predescu ROMANIA
Ricardo Sousa PORTUGAL	Michael Engl AUSTRIA	Pier Indelli ITALY	Reha Tandogan TURKEY
Michael Hirschman SWITZERLAND	Roland Becker GERMANY	Andrea Sambri	Antonio Pellegrini
Juan Carlos Martínez-Pastor	Massimiliano De Paolis	Marta Sabater	Ali Al Belooshi