

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

8-9 October 2027

Arthroplasty & Degenerative Knee

Rome, Italy



SCIENTIFIC PROGRAMME

10h45

Scientific programme
excluding breaks

3h45

Dedicated to PJI
two 90-min sessions + case finale

10 min

Standard lecture
discussion at the end of each
session

TBC

Faculty
details to follow

OCT

8

FRI

Day one

09:00 to 18:00 • 4 sessions + finale • 32 talks

09:00 to 09:15

15 MIN

Welcome and Introduction

PRESENTED BY Michael Hantes, Bruno Violante and Paweł Skowronek

- 1 Opening remarks, ESSKA
- 2 Introduction of faculty and course essentials
- 3 Introduction of the new ESSKA Section and its activity

09:15 to 10:45

90 MIN

Session 1: Decision Making

FORMAT Seven 10-minute talks, followed by 20 minutes of discussion around the case "Nightmare revision: what would you do?"

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

10:45 to 11:15

Coffee break • 30 min

11:15 to 12:45

90 MIN

Session 2: Basics of Revision**FORMAT** Seven 10-minute talks, followed by 20 minutes of case-based discussion

- 1 Surgical exposure in RTKA
- 2 Implant removal in RTKA
- 3 Coronal alignment in revision TKA: keep mechanical
- 4 Coronal alignment in revision TKA: looking to anatomic
- 5 Reconstructing the joint line in revision TKA
- 6 The third space in RTKA
- 7 Revision uni knee: tips and tricks

12:45 to 13:45

Lunch · 60 min

13:45 to 15:15

90 MIN

Session 3: Fixation and Bone Defects**FORMAT** Seven 10-minute talks, followed by a 20-minute discussion of a difficult bone-loss case

- 1 Classification of bone defects
- 2 Two-zone fixation in RTKA
- 3 Metaphyseal fixation: cones
- 4 Metaphyseal fixation: sleeves
- 5 How to use wedges and blocks
- 6 Stems: cemented vs porous, short vs diaphyseal
- 7 Porous implant in RTKA

15:15 to 15:45

Coffee break · 30 min

15:45 to 17:15

90 MIN

Session 4: Stability and Ligament Balance**FORMAT** Seven 10-minute talks, followed by 20 minutes of case discussion on instability and constraint

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

17:15 to 18:00

45 MIN

Day 1 Interactive Finale**FORMAT** Three short cases connecting decision-making, fixation, bone loss and stability, with faculty voting and take-home messages

- 1 Integrated complex aseptic revision cases

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Day two

08:30 to 14:00 · 3 sessions + finale · 13 talks

08:30 to 09:30 60 MIN	Session 5: Osteotomy Techniques in RTKA FORMAT Three 10-minute talks, followed by 30 minutes of case-based discussion 1 TKA in extra-articular deformities 2 Osteotomies around the knee in RTKA 3 Osteotomy techniques to remove difficult knee implants (TTA)
09:30 to 11:00 90 MIN	Session 6A: PJI Diagnosis and Decision Making FORMAT Ten-minute presentations, followed by discussion 1 Current diagnostic criteria: ICM/EBJIS, unified: where do we stand? Daniel Pérez-Prieto 2 Emerging biomarkers and differential diagnosis with aseptic loosening Andrea Sambri 3 Low-grade and culture-negative PJI: the diagnostic challenge Antonio Pellegrini
11:00 to 11:30	Coffee break · 30 min
11:30 to 13:00 90 MIN	Session 6B: PJI Treatment and Reconstruction FORMAT The second 90-minute PJI block, including soft-tissue reconstruction 1 One-stage revision: technique and outcomes Juan Carlos Martínez-Pastor 2 Two-stage revision: spacers and timing of reimplantation Ricardo Sousa 3 Management of recurrent PJI and re-revision for infection Antonio Pellegrini 4 Why do we not want a one- versus two-stage crossfire any more? All faculty
13:00 to 13:45 45 MIN	PJI Interactive Finale: Nightmare Infected Revision FORMAT Case-based multidisciplinary discussion with faculty voting 1 Difficult cases combining bone defect and infection Massimiliano De Paolis and Roland Becker 2 Final round table with all faculty
13:45 to 14:00 15 MIN	Final Take-Home Messages and Closing 1 Key messages from all sessions

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	Raghibir 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 ITALY	Antonio Pellegrini ITALY
Juan Carlos Martínez-Pastor	Massimiliano De Paolis ITALY	Marta Sabater	Ali Al Belooshi

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.