ESSKA

ESSKA FOCUS MEETING

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

International
Faculty
internationally renowned experts

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 megaprostheses
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

OCT 9 SAT

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 Ellemondt — 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
- Nanne 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 Francesco Indelli — ITALY
- Reha Tandogan — TÜRKIYE
- Michael Hirschmann — SWITZERLAND
- Roland Becker — GERMANY
- Andrea Sambri — ITALY
- Antonio Pellegrini — ITALY
- Juan Carlos Martínez-Pastor — SPAIN
- Massimiliano De Paolis — ITALY
- Marta Sabater — SPAIN
- Ali Al Belooshi — UAE

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.