



# COURSE PROGRAM

Paris time (UTC+2)

Valid as of 28 October 2026

[gestmsk.com](https://gestmsk.com)

07:45 - 08:00

Welcome coffee

MEETING AREA

Ceremony

08:00 - 09:00

**Genicular artery embolization bootcamp - Starting from the basics**

MAIN ROOM

Tutorial

**Moderators: O. Ahmed, Y. Okuno**

- Pathophysiology of knee OA and rationale for GAE  
*M. Picada Correa*
- Non-operative and operative management of knee OA  
*F. Eymard (Pending confirmation)*
- Basic genicular arterial anatomy  
*P. Minko*
- GAE embolics materials  
*G. Siskin (Pending confirmation)*
- GAE toolbox and technique  
*M. Little*
- Discussion and audience interaction

11:00 - 12:15

MAIN ROOM

LIVE Educational Case



**LIVE Case - Genicular artery embolization's technical blueprint: from anatomy to embolics**

**Operators: T. Boeken, M. Sapoval**

**Moderators: J. Golzarian, M. Little, Y. Okuno**

- Advanced GAE anatomy, anastomoses, and anatomical variants  
*B. Taslakian*
- How I do GAE using microcatheter only  
*R. Madkhali*
- How I do GAE through PT access  
*A. Farag*
- GAE advanced technique: pearls and tricks  
*J. Golzarian (Pending confirmation)*
- Retrograde embolization - How and when I do it  
*P. Minko*
- High pressure embolization: rationale and technique  
*O. Ahmed*
- LIVE Case conclusion and debate: managing the gray areas and non-responders

09:00 - 09:05

**Opening Ceremony GEST MSK 2027**

MAIN ROOM

Ceremony

09:05 - 10:30

**Knee OA clinical corner: the diagnostic and therapeutic toolkit**

MAIN ROOM

Tutorial

**Moderators: F. Eymard, T. Maleitzke**

- Simplified clinical evaluation of patient with knee OA  
*T. Maleitzke (Pending confirmation)*
- Knee pain: yes but is it from OA? Differential  
*J. Sellam*
- Imaging of knee OA  
*A. Guermazi*
- Physical therapy before and after treatment: exercises, schedules, and results  
*F. Eymard (Pending confirmation)*
- Genicular nerve ablation: why, when and how  
*A. Sag*
- Surgical approach for knee OA and persistent post TKA pain and hemarthrosis  
*T. Maleitzke (Pending confirmation)*
- Discussion and audience interaction

13:30 - 15:00

MAIN ROOM

Tutorial

## The scientific corner: trial evidence, Sham Warfare, and the roadmap to guidelines

**Moderators: F. Collettini, S. Padia**

- Key historic publications before GENESIS II and GRAVITY  
*F. Collettini*
- Ongoing trials, where are we at?  
*M. Little (Pending confirmation)*
- GRAVITY trial: where does GAE really stand?  
*S. Padia*
- Intra-arterial stem cells infection for KO technique and results of a pilot study
- Current position statements and guidelines: SIR's position statement, GAE Delphi publication  
*O. Ahmed*
- French multidisciplinary recommendation  
*T. Boeken*
- Insight into Sham effects
- Discussion and audience interaction - What data is still missing? What research is most needed? What we hope to see in 1, 2, and 3 years

16:45 - 17:45

MAIN ROOM

Tutorial

## Fireside chat: an interactive dialogue in the business of MSK embolization

**Moderators: J. Goltzarian, A. Kovács**

- What we know about cost effectiveness? How to evaluate it?  
*I. Durand-Zaleski*
- Practice style and politics of MSK embolization practice worldwide  
*B. Taslakian*
- GAE will go the way of PAE in the USA  
*S. Padia*
- Future of OBL in Europe?  
*A. Kovács*
- What is the best practice fit for MSK embolization? Hospital-based department vs outpatient  
*Y. Okuno*
- Navigating legal matters in MSK embolization - USA  
*A. Astani*
- Discussion and audience interaction

15:30 - 16:45

MAIN ROOM

Tutorial

## The trialist forum: precision selection, endpoints, and the OA paradox

**Moderators: F. Fleckenstein, B. Taslakian**

- GEST MSK Top abstract presentation I
- GEST MSK Top abstract presentation II
- Patient selection: the real problem?  
*F. Fleckenstein*
- Can the MRI predict the correct response to embolization?  
*A. Guermazi*
- How non-IR are measuring success after knee OA treatment?  
*A. Astani (Pending confirmation)*
- New data on different embolics safety and efficacy  
*M. Sapoval (Pending confirmation)*
- Tendinitis: another target?  
*S. Kumar*
- Discussion and audience interaction

08:00 - 09:20



MAIN ROOM

Tutorial

## Lower extremity: advanced interventions for foot, ankle and overuse injuries

**Moderators:** M. Sapoval, B. Wang

- Under the hood: the biomechanics and biology of overuse injuries  
*B. Wang*
- Imaging evaluation of foot and ankle: what interventional radiologists need to know  
*A. Feydy (Pending confirmation)*
- Clinical evaluation and treatment landscape  
*F. Cavalheiro*
- Plantar fasciitis embolization: anatomy, technique and outcome  
*J. Golzarian (Pending confirmation)*
- Achilles tendinopathy embolization: anatomy, technique and outcome  
*S. Kumar*
- Emerging embolizations for foot and ankle: what else can we treat  
*Y. Okuno*
- Discussion and audience interaction

11:35 - 12:00



MAIN ROOM

Tutorial

## The axial skeleton: the deep pipeline for spine

**Moderators:** N. Stacoffe, B. Taslakian

- Facet pain and chronic disk inflammation: pathophysiology, clinical evaluation and treatment landscape  
*N. Stacoffe*
- Vascular anatomy, technical approach, and early outcomes  
*Y. Okuno*
- Discussion and audience interaction

09:45 - 10:25

## Masterclass

**Moderators:** J. Golzarian, P. Minko, Y. Okuno, M. Picada Correa  
**Demonstrators:** M. Sapoval, G. Siskin

MAIN ROOM

Masterclass

- Review of permanent embolic
- Review of temporary embolic

10:25 - 11:35



MAIN ROOM

Tutorial

## The hip dilemma: navigating anatomy and technical realities

**Moderators:** Y. Okuno, M. Picada Correa

- Hip OA and GTPS: pathophysiology, clinical evaluation and treatment landscape  
*M. Rezende*
- Imaging evaluation of the hip and GTS: what interventional radiologists need to know  
*C. Aboudaram*
- Essential vascular anatomy for hip interventions  
*S. Kishore*
- Hip embolization: my top technical tips  
*M. Picada Correa*
- GTPS procedure room  
*F. Cavalheiro*
- Hip OA procedure room  
*S. Kishore*
- Weighing the evidence: current outcomes and literature for hip embolotherapy  
*F. Fleckenstein*
- Discussion and audience interaction

13:15 - 14:45

MAIN ROOM

Tutorial

## Shoulder embolotherapy: mastering adhesive capsulitis and complex tendinobursitis and arthrosis

**Moderators: A. Fernandez-Martinez, Y. Okuno**

- Frozen and frayed: pathophysiology and treatment landscape of shoulder OA and tendinopathy  
*M. Rezende*
- Imaging evaluation of the shoulder: what interventional radiologists need to know  
*C. Aboudaram*
- Clinical presentation and diagnostic workup  
*R. Nguyen (Pending confirmation)*
- The circumflex network: vascular anatomy of the shoulder  
*A. Fernandez-Martinez*
- Shoulder procedure room  
*M. Sapoval (Pending confirmation)*
- Outcome: thawing the frozen shoulder, tendinopathy and arthrosis  
*Y. Epelboym*
- IR treatments for the shoulder beyond embolization (is this really IR treatment?)  
*Y. Okuno*
- Discussion and audience interaction

16:45 - 17:00

MAIN ROOM

Ceremony

## Closing Ceremony GEST MSK 2027

15:15 - 16:45

MAIN ROOM

Tutorial

## The upper limb frontier: microvascular embolization for the elbow, wrist, and hand

**Moderators: S. Padia, B. Wang**

- Tennis/golf elbow: epidemiology and clinical/imaging evaluation  
*J. M. Sene (Pending confirmation)*
- Tennis/golf elbow: non-operative management  
*J. M. Sene (Pending confirmation)*
- Elbow embolization: anatomy, technique and outcome  
*S. Padia*
- Basic of clinical management of hand OA and potential unmet needs
- Imaging evaluation of the wrist and hand: what interventional radiologists need to know  
*A. Feydy (Pending confirmation)*
- Surgical approach for rhizarthrosis: indication and results  
*R. Nguyen (Pending confirmation)*
- Wrist and hand embolization: anatomy, technique and outcome  
*B. Wang*
- Discussion and audience interaction