



11th

**Advanced Course
on
Knee Surgery**



DIRECTORS

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**JANUARY
19TH TO 23RD
2025**

Information

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EDITO

Dear Friends, Dear Colleagues,

We are pleased to announce the 11th Advanced Course on Knee Surgery which will be held in Val d'Isère from January 2025 – 19th to 23rd.

Lectures, relive-surgeries, minibattles, hot topics, "how I do" sessions, case challenges, crossfire discussions will be based on clinical cases, traps and tricks.

Some slots will be reserved for participant's selected cases related to the topic.

This meeting will bring current concepts and guidelines for participant's daily practice.

The program will ensure a high scientific level, thanks to our international guest speakers.

Our adventure started 20 years ago. The original feature for a knee surgery specific congress made its success. Thanks to the speakers and the participants coming from all over the world.

The easy interaction with large rooms for discussion led to a very high scientific level in a warmful atmosphere.

Have a look on our web site "knee course.com" to check the quality of the previous congresses and the quality of the faculty.

Join us in Val d'Isère, such a unique place for such a unique scientific meeting !!!

Save the date and join us to the top on January 19th to 23rd, 2025!

Very Friendly Yours.

*F. Kelberine, P.Landreau, N.Graveleau & S.Lustig
Course Co-Directors*

**THE 11TH ADVANCED COURSE ON KNEE SURGERY
MADE THE APPLICATION TO THE EUROPEAN ACCREDITATION COUNCIL
FOR CONTINUING MEDICAL EDUCATION (EACCME®)**



SUNDAY 19TH AFTERNOON

AFTERNOON 16H30 - 20H

BASICS

PF INSTABILITY

First dislocation
Trochoplasty and MPFL
Clinical cases (different MPFL, TTT)

UNI FP

HTO or UKA : how to make the right decision
PF arthroplasty in 2024
Cases discussion : lateral UKA (post trauma, combined ACL, post ME)

CYSTS AROUND THE KNEE

Popliteus cyst
Meniscal cyst
Proximal TFJ
Cruciate ligament ganglion
Clinical cases / discussion

EXTENSOR SYSTEM RUPTURES

Tendon ruptures
Bone fractures / avulsion
Clinical cases discussion (chronic cases)





PROXIMAL TIBIAL FRACTURES

Classification

Clinical and radiological assessment

Approaches (classic vascularization, MIS, arthroscopy)

Discussion

How I fix a split fracture

How I fix a depression fracture

How I fix a bicondylar fracture

How I fix a tibial spine avulsion

Bone defect filling: yes or no ?

Discussion

3 simple clinical cases with participants

Osteoporotic bone / Pathological fracture

Soft tissue issues (meniscus, skin, ligament, PT)

Distal extension (planning of fixation)

Osteo-cartilaginous defect

Early complications

Rationale for fixation (from pinning to EF)

Goals of rehabilitation

Discussion

Participant's clinical case

COMPLICATIONS OF TKA(I)

1st PART

INSTABILITY

Diagnosis instability vs laxity

PE exchange and soft tissue procedure : does it make sense ?

Mid flexion instability management

Rotating hinge TKA : rules to make it affective

Discussion

STIFFNESS

Place for MUA

Arthroscopic arthrolysis

Open Arthrolysis

Stiff TKA revision : algorithm

Discussion



COMPLICATIONS OF TKA(I)

2nd PART

PAINFULL TKA

Protocol of assessment

Impingement with bone and/or cement

Soft tissue impingement (ITB, MCL, popliteus or patellar tendon)

Pain without anatomic findings

Discussion

Clinical cases with participants





COMPLICATIONS OF TKA (II)

1st PART

INFECTION

Make a proper diagnosis

Place for DAIR

One stage revision

Two stages revision

New strategies

Discussion

ASEPTIC LOOSENING

Zonal fixation concept

The key = zone 2

Cones vs sleeve : how I choose

Discussion

2nd PART

FRACTURES

Conservative : how to fix it ?

Revision with more material (plastic and cement)

Fracture on patellar implant

Participants' clinical cases

ALLERGY

Diagnosis and options for re-surgery

Innovative technology and revision : time for a prime

Discussion





TREATMENT OF CARTILAGE LESIONS

Medical and injections

Unloader braces

Fixation of fragment

Debridement, chondroplasty, microfractures

Enhanced microfractures

OAT

Osteochondral allograft

Discussion

ACI, MACI

Cartilage autograft implantation system

Synthetic cell free substitution

3D bioprinting in cartilage repair

Mini-metal option

Discussion





WEDNESDAY 22ND

MORNING 8H - 11H

ACL TECHNICAL CURRENT CONCEPTS (I)

- BTB harvesting
- Hamstring harvesting
- Quad tendon harvesting
- Iliotibial band harvesting
- Peroneal tendon harvesting
- Tibial tunnel drilling
- Femoral tunnel drilling outside in, trans tibial, medial portal in out
- Femoral and tibial fixations
- Tensioning the graft, position of fixation : any evidence ?

Discussion

- Is notch plasty useful ?
- Tibial slope and bone corrections
- ACL-R in open physis
- ACL preservation and augmentation
- ALL reconstruction
- Lateral reconstruction
- AMRI management
- Round table with participants / clinical cases

AFTERNOON 16H30 - 19H

ACL TECHNICAL CURRENT CONCEPTS (II)

HOT TOPICS

- Is double bundle still valid ?
- Artificial ligament
- Allograft
- Navigation & augmented surgery
- ACL repair & internal bracing
- Healing process to ligamentization

Discussion

PCL

- Clinical examination and MRI assessment
- Which PCL should be operated
- Graft choice
- Arthroscopic portals in PCL reconstruction
- PCL repair and place of artificial ligament
- How I do a single bundle PCL-R
- How I do a double bund PCL-R
- Postoperative course after PCL-R
- Complications
- Discussion / clinical cases



THURSDAY 23RD MORNING

MORNING 8H30 - 12H30

DIFFICULT PRIMARY TKA & UKA

1st PART

MEDIAL UKA

ACL deficient knee

Deformity limits

Weight limit : are you serious ?

Patient's activity expectations (full PE?)

Poor bone quality (cementless / cemented)

Discussion

LATERAL UKA

Post-trauma

PFJ

The challenging patella : small size, bone loss...

Extensor mechanism malalignment

Trochlear dysplasia : how to manage ?

Patella baja

Discussion

2nd PART

TKA

Huge coronal deformity : green slope

Severe valgus knee (case based)

Huge sagittal / axial deformities : red slopes

Extraarticular deformity

Discussion

The (super) obese : how to manage

Stiff knee : black slope

Chronic post traumatic knee (multioperated, hardware...)

Discussion

BATTLE OF ROBOTS

New technologies in TKA : is the latest the greatest ?

Imageless is enough

Image based is mandatory

I am the robot

Discussion

My worst cases, how I managed them (room challenge)