



“All about...”

# Osteotomies around the knee

19 - 20 September 2025  
Cologne, Germany

# Course description

Osteotomies around the knee are part of knee-preserving procedures in degenerative knees. Moreover, even in Sports Trauma and Arthroscopy osteotomies around the knee are part of the treatment concept. The goal of the course is to present the perspective of deformities around the knee, respecting all planes and soft tissues, and bony structures. Successful treatment of deformities in degenerative uni-compartmental OA and patellofemoral disease needs detailed knowledge of anatomy, kinematics, and function of all structures in the knee joint. This course offers a detailed view of the knee joint, focusing on practical skills in deformity analysis, correction planning, and anatomical dissection.

## Course Faculty



**Prof. Stefen Schröter**  
**Course Chair**

Diakonie Klinikum GmbH  
Siegen, Germany



**Mr Raghbir Khakha**  
**Course Chair**

Cromwell Hospital  
London, UK



**PD Dr. med. Julian Fürmetz**  
**Instructor**

Unfallklinik, Mumau  
Mumau, Germany

# Course Faculty



**Dr. Vlad Predescu**  
**Instructor**

Dr. Vlad Predescu

Romania



**Dr. Silvio Villascusa**  
**Instructor**

Olympia-Grupo Quironsalud

Madrid, Spain



**Dr. Ronald van Heerwaarden**  
**Instructor**

Kliniek ViaSana, Mill

Arnhem, Gelderland, Netherlands



**Dr. Sam Yasen**  
**Instructor**

Basingstoke & North Hampshire Hospital,

Basingstoke, UK



Sabrina Fernandez  
**Scrub Nurse**

Jung-Stilling Krankenhaus

Siegen, Germany

## Target participants

The course is dedicated to orthopedic surgeons interested in the treatment of constitutional and post-traumatic deformity as well as the treatment of degenerative knee. Theoretical and practical education will help participants pass the practical and theoretical exam of the osteotomy certification module of ESSKA.



# Programme - Day 1

07:45	<b>Registration</b>
08:15	Introduction of the course
08:30 - 10:00	<b>Session 1: Principals in osteotomies around the knee</b> History of osteotomies – back to the future High tibial osteotomy (HTO) in frontal plane deformity - Rational and surgical technique Distal femoral osteotomy (DFO) in frontal plane deformity - Rational and surgical technique Double level osteotomy (DLO) in frontal plane deformity - Rational and surgical technique
10:15 - 11:15	<b>Session 2:</b> Case discussion 1 – Indication
11:30 - 13:00	<b>Session 3: Deformity analysis and planning</b> Deformity analysis in the coronal plane Deformity analysis in sagittal and axial plane 3D Planning Gait analysis – does it influence the pre-op planning?
13:00 - 13:45	<b>Lunch</b>
13:45	Practical Exercise 1: Drawing Exercises
15:20	Practical Exercise 2: Digital Planning – Coronal plane
16:10 - 16:40	Practical Exercise 3: Torsional planning and Sagittal planning Positioning of the patient - OR Table Surgical cover in the OR
16:50 - 17:10	<b>Session 4:</b> Case Discussion 2: Planning – complex case
17:20 - 17:30	<b>Highlight lecture:</b> Troubleshooting and Complication management in HTO / DFO Gap filling in osteotomies
19:30	<b>Dinner &amp; Networking</b>

# Programme - Day 2

07:30	<b>Welcome coffee &amp; Networking</b>
08:00	Summary of day 1
08:15 - 09:30	<b>Video Session – Surgical technique</b> Open wedge HTO Closed wedge DFO
09:45 - 11:45	<b>Cadaver Lab:</b> HTO Live demonstration
11:45 - 12:30	<b>Lunch</b>
12:30 - 14:30	<b>Cadaver Lab:</b> DFO Live demonstration
14:30 - 16:00	<b>Dissection:</b> Anatomy of the knee Demonstration of critical structures protection Peroneal nerve, MCL, LCL 3D Evaluation of the Cadaver lab
16:15	Summary and closing remarks
16:30	Evaluation and Certificates
17:00	End of the course

## Objectives

- Analyze frontal, sagittal, and axial plane alignment of the leg and plan correction of limb alignment
- Apply the principles of preoperative planning for osteotomies around the knee, hip, and ankle
- Recognize the relevance of deformity for the treatment of knee osteoarthritis
- Review technical pearls for these operative procedures and describe the latest developments in techniques, implants, and instrumentation
- Perform the most relevant approaches around the knee (osteotomies)

## Course venue

### **CADLAB Cologne**

Nattermannallee 1, 50829  
Cologne, Germany

## Transfers

Nearest airports are:

Cologne Bonn Airport  
Düsseldorf

## Recommended hotels

### **Motel One Waidmarkt**

Tel-Aviv-Str. 6, Köln, DE  
50676

### **Motel One Mediapark**

Am Kuempchenshof 2, Köln,  
DE 50670

### **Motel One Messe**

Hans-Imho -Straße 4, Köln,  
DE 50679

## Other details

Course language: English

Dress code: Business casual

Registration fee: 1100 Euro (VAT included) for ESSKA Members  
1500 Euro (VAT included) for Non-ESSKA Members

Price includes: All meals, snacks, and drinks during the course

# Notes

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## **Contact Information**

ESSKA

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