



EKA

European Knee Associates
A section of ESSKA

ESSKA-EKA

Osteotomies around the knee

Course on human specimen

20-21 September 2024
in Cologne, Germany



Education course for the ESSKA Certification Module Osteotomy

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.

EKA Faculty



Mr Raghbir Khakha FRCS MBBS, MSc

Course chair

Consultant Orthopaedic & Specialist Knee
Surgeon Cromwell Hospital

London, UK



Prof. Dr. Steffen Schröter

Course chair

Diakonie Klinikum GmbH
Jung-Stilling Krankenhaus Siegen

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PD Dr. med. Julian Fürmetz

Instructor

Sporttraumatologie und Arthroskopische
Chirurgie BG Unfallklinik Murnau

Murnau, Germany



Dr. Vlad Predescu

Instructor

Ponderas Academic Hospital

Romania



Dr. Silvio Villascusa, MD

Instructor

Olympia Quirónsalud Hospital

Madrid, Spain



Assoc. Professor Hiroshi Nakayama

Instructor

Hyogo Medical University

Nishinomiya-hama, Japan



Prof. Dr. med. Sandro Fucentese *Instructor*

Universitätsklinik Balgrist Switzerland

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EKA Faculty



Sabrina Fernandez
Scrub nurse
Jung-Stilling Krankenhaus Siegen
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Lena Reichmann
Scrub nurse
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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

Friday 20 September 2024		
Registration		07:45
Introduction of the course	<i>Khakha, Schröter</i>	08:15
Session 1: Principals in osteotomies around the knee	Moderator: <i>Villascusa, Predescu</i>	
History of osteotomies – back to the future	<i>Villascusa</i>	08:30
High tibial osteotomy (HTO) in frontal plane deformity - Rational and surgical technique	<i>Fucentese</i>	08:55
Distal femoral osteotomy (DFO) in frontal plane deformity - Rational and surgical technique	<i>Nakayama</i>	09:20
Double level osteotomy (DLO) in frontal plane deformity - Rational and surgical technique	<i>Khakha</i>	09:40
Break		10:00
Session 2: Case discussion 1 – Indication	<i>Predescu</i>	10:15
Break		11:15
Session 3: Deformity analysis and planning	Moderator: <i>Nakayama, Khakha</i>	
• Deformity analysis in the coronal plane	<i>Khakha</i>	11:30
• Deformity analysis in sagittal and axial plane	<i>Schröter</i>	12:00
• 3D Planning	<i>Fürmetz</i>	12:30
• Gait analysis – does it influence the pre-op planning?	<i>Villascusa</i>	12:50
Lunch		13:00
Practical Exercise 1: Drawing Exercises	<i>Predescu + All</i>	13:45
Break		15:00
Practical Exercise 2: Digital Planning – Coronal plane	<i>Schröter + All</i>	15:20
Break		16:00
Practical Exercise 3: Digital Planning – 3D and hybrid planning	<i>Fürmetz + All</i>	16:10
Break		16:40

Programme

Friday 20 September 2024

Session 4: Case Discussion 2: Planning – complex case	<i>Fucentese</i>	16:50
Break		17:10
Highlight lecture: Troubleshooting and Complication management in HTO / DFO	<i>Schröter</i>	17:20
Dinner and Networking		19:30

Saturday 21 September 2024

Welcome coffee & Networking		07:30
Summary of day 1	<i>Schröter</i>	08:00
Video Session – Surgical technique	Moderator: <i>Khakha</i>	
Open wedge HTO	<i>Predescu</i>	08:15
Closed wedge DFO	<i>Fürmetz</i>	08:45
Know your products	<i>"Speed dating"</i>	
Break		09:30
Cadaver Lab 1: Dissection: Anatomy of the knee – Live demonstration	<i>Khakha</i>	09:45
Lunch		11:45
Cadaver Lab 2: HTO Live demonstration	<i>Fucentese</i> <i>Villascusa</i>	12:30
Cadaver Lab 3: DFO Live demonstration	<i>Nakayama</i> <i>Schröter</i>	14:30
Break		16:00
Summary and closing remarks	<i>Schröter</i>	16:15
Evaluation and Certificates		16:30
End of the course		17:00

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-Imhoff-Straße 4,
Köln, DE 50679

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