



L5 - Specialist

Complex Knee Injuries

Management of Tibial Plateau Fractures and Soft-Tissue Injuries

This immersive, hands-on course bridges trauma surgery and sports orthopedics, designed for experienced surgeons eager to refine and expand their practical skills. The program focuses on managing tibial plateau fractures and addressing soft-tissue injuries (cruciate and collateral ligaments) in the knee joint using pre-injured specimens.

By working on the same specimen, participants will gain essential experience in handling complex injury cases. Expert instructors will provide real-time feedback, ensuring a comprehensive understanding of advanced surgical techniques.

Join us as we revolutionize surgical education and training. We look forward to welcoming you to Cologne soon!

Learning Content:

- Presentations and case-based discussions
- Structured planning of surgical procedures
- Application of various reduction techniques and ligament reconstruction
- Interactive discussions on fracture and soft-tissue management with participants and instructors
- Hands-on supervision by experienced lecturers and instructors
- Case-based learning approach for practical skill development

Chairs:

Univ.-Prof. Dr. med. Matthias Krause

Prof. Dr. Harm Hoekstra



**Applied for CME certification
(Ärztekammer Nordrhein and EACCME)**

COURSE STRUCTURE“OK, DOC”

Train the treatment of complex, realistic injuries on human specimens.

The "OK,DOC! principle consists of the following steps:



Organize your plan

- Case based discussions
- Care management
- Presentations with tips & tricks



Know your implant

- Get to know different systems
- Industry speed dating



Define your plan

- Surgery planning based on patient data and x-rays
- Presentation and discussion of the strategy for the surgery



Operate your plan

- Independent surgery on life-like fractures recreated on human specimens



Challenge your plan

- Presentation of the treatment outcome
- Discussion & knowledge exchange



CHAIRS



**Univ.-Prof. Dr. med.
Matthias Krause**
University Hospital
Hamburg-Eppendorf



Prof. Dr. Harm Hoekstra
University Hospitals Leuven

CONFIRMED FACULTY



**Prof. Dr. med.
Elmar Herbst**
University Hospital Münster



Dr. med. Philipp Stillhard
Canton Hospital Graubünden



Univ. Prof. Dr. Thomas Freude
University Hospital for
Orthopedics and Traumatology
Salzburg



Prof. Dr. Michiel Verhofstadt
Erasmus MC Rotterdam Zuid
Holland



Day 1 | 23.10.2025

- 10:00 Registration**
Welcome coffee and networking
- 10:30 Welcome**
Introduction of faculty and Hands-On staff
- 10:45 Organize your plan**
Presentation and interactive discussion of best learning experiences on basis of cases: positioning of the patient, Treatment strategy, diagnostic, soft tissue management
- 11:45 Know your Implants**
"Speed-Dating", Industry presentation Prox. Tibia, choose your system, Ligament reconstruction
- 12:15 Define your plan**
Case planning with X-Ray, CT, 3D printing, MRI
- 12:45 Lunch**
Networking
- 13:30 Operate your plan**
Hands-On CADLAB "Prox. Tibia" Fracture treatment and ligament reconstruction
Groups (6 OP-Tables each with 3 Participants + Instructor)
- 17:30 Coffee break**
Industry exhibition
- 17:45 Challenge your plan**
Presentation & Discussion of the surgery results
- 18:45 End of first day**
- 20:00 Dinner**

Day 2 | 24.10.2025

- 8:30 Arrival & Coffee**
Networking
- 9:00 Organize your plan**
Presentation and interactive discussion of best learning experiences on basis of cases positioning of the patient, Treatment strategy, diagnostics, Soft tissue management
- 10:00 Know your Implants**
"Speed-Dating", Industry presentation: Prox. Tibia, choose your system; Ligament reconstruction
- 10:30 Define your plan**
Case planning with X-Ray, CT, 3D printing, MRI
- 11:00 Brunch**
Networking
- 11:45 Operate your plan**
Hands-On CADLAB "Prox. Tibia" Fracture treatment and ligament reconstruction
Groups (6 OP-Tables each with 3 Participants + Instructor)
- 15:45 Challenge your plan**
Presentation & Discussion of the surgery results
- 16:45 Evaluation & Conclusion**

Catering

The two-day courses include coffee breaks with snacks, lunch and an evening meal together

Hotel recommendation

If needed, please contact us and we will be happy to help you!

