



1st International Osteotomy Course Basel

12. & 13.02.2026

Biozentrum Basel

Anatomical Institute Basel

MAIN PROGRAM



**1ST INTERNATIONAL
OSTEOTOMY COURSE
BASEL**

**FURTHER INFORMATION AT:
WWW.OSTEOTOMYCOURSE.CH**





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Join us for our first International Osteotomy Course in Basel!

This comprehensive course offers both basic and advanced modules, focusing on 2D and 3D deformity analysis and planning, as well as the latest treatment concepts for bone deformities and defects. General lectures will cover fundamental principles, surgical techniques, complication management, and case-based discussions.

Basic Module

Designed for those new to deformity correction, this module teaches digital 2D deformity analysis and planning. Participants will explore indications for osteotomies around the knee, including cases involving ligament and cartilage pathologies, guided by a renowned international faculty. Step-by-step demonstrations of surgical techniques for standard osteotomies will be provided, along with hands-on workshops using sawbone models and different plates.

Advanced Module

Tailored for orthopaedic surgeons with foundational experience in deformity correction, this module offers in-depth training in the Anatomical Institute of Basel using cadaver specimens. Participants will further develop their surgical skills and expand their knowledge of 3D deformity planning and analysis through specialized workshops led by a distinguished international faculty. The course also includes training in the reconstruction of bone defects and insights in osteotomy with partial arthroplasty.

Yours sincerely



PD Dr. Florian Imhoff

Senior consultant
Head of knee surgery
Co-chair Deformity Correction and
Bone Healing Unit
Dept. of Orthopaedic and Trauma Surgery
University Hospital Basel



PD Dr. Mario Morgenstern

Senior consultant
Deputy head of Center for
Musculoskeletal Infections
Co-chair Deformity Correction and
Bone Healing Unit
Dept. of Orthopaedic and Trauma Surgery
University Hospital Basel

OBJECTIVES

General:

- Deformity analysis around the knee, case-based discussion
- Indication and algorithm
- Development of a treatment plan
- Management of complications

Basic module:

- 2D deformity analysis and correction plan
- Insights in planning software
- Step by step surgical techniques
- Deformity correction in saw-bone workshops

Advanced module:

- 3D deformity analysis and 3D correction plan with patient specific guides
- Bone defect reconstruction
- Step by step surgical techniques, combined partial arthroplasty
- Deformity correction in cadaveric workshop

FACULTY

Dr. Heiko Baumgartner
Tübingen (Germany)

Prof. Gerrit Bode
Freiburg (Germany)

Prof. Martin Clauss
Basel (Switzerland)

Prof. Matthias Feucht
Freiburg (Germany)

Dr. Florian Frank
Basel (Switzerland)

Prof. Julian Fürmetz
Murnau (Germany)

Dr. Jörg Harrer
Lichtenfels (Germany)

Prof. em. Andreas Imhoff
München (Germany)

PD Dr. Florian Imhoff
Basel (Switzerland)

Prof. Andreas Krieg
Basel (Switzerland)

PD Dr. Robin Martin
Lausanne (Switzerland)

Dr. Philipp Mayer
Markgröningen (Germany)

Prof. Willem-Jan Metsemakers
Leuven (Belgium)

PD Dr. Hermes Miozzari
Genf (Switzerland)

PD Dr. Mario Morgenstern
Basel (Switzerland)

PD Dr. Jochen Paul
Muttens (Switzerland)

Prof. Sven Scheffler
Berlin (Germany)

Prof. Philipp Schuster
Markgröningen (Germany)

Prof. Karl Stoffel
Basel (Switzerland)

PD Dr. Lazaros Vlachopoulos
Zürich (Switzerland)

Prof. Björn Vogt
Münster (Germany)



08:30 Registration and welcome coffee Biozentrum

09:30 LECTURES ALL
Principles and planning

Lecture Room Biozentrum

10'+5' **Standard values, imaging, leg geometry**
J. Harrer

10'+5' **Standard indications for osteotomy around the knee joint**
J. Paul

10'+5' **Principles of correction osteotomy**
B. Vogt

10'+5' **Double level osteotomy – indication and planning**
M. Feucht

10'+5' **2D planning – step by step**
P. Mayer

10'+5' **CORA principles – analysis and implementation**
J. Fürmetz

11:00 Coffee break

11:30 BASIC LECTURES
Surgical technique

Lecture Room Biozentrum

10'+5' **Technique: HTO, open and closing wedge**
S. Scheffler

10'+5' **Technique: tibial slope correction**
P. Schuster

10'+5' **Technique: DFO, medial closing wedge**
J. Fürmetz

10'+5' **Technique: DFO, lateral open and closing wedge**
L. Vlachopoulos

10'+5' **Technique: femoral derotational osteotomy**
G. Bode

10'+5' **Technique: tibial derotational osteotomy**
J. Harrer

11:30 ADVANCED WORKSHOP
Hands on

Room Bubble 1 + 2 Biozentrum

90' **Digital planning 3D**
Analysis of deformity
Correction simulation
PSI HTO/DFO

Ring fixateur

Sawbones

Instructors:
F. Frank, J. Harrer, F. Imhoff, R. Martin,
W. Metsemakers, H. Miozzari,
M. Morgenstern, L. Vlachopoulos,
B. Vogt

13:00 Lunch break

14:00 BASIC WORKSHOP
Digital planning

Room Bubble 1 + 2 Biozentrum

10' **Introduction planning software**
mediCAD

110' **Analysis of deformity**
Correction simulation

Instructors:
G. Bode, M. Feucht, R. Martin,
P. Mayer, H. Miozzari, J. Paul,
S. Scheffler, P. Schuster

14:00 ADVANCED LECTURES
Surgical technique

Lecture Room Biozentrum

15'+5' **Plate vs. nail at the femur – case presentation and biomechanical aspects**
K. Stoffel

15'+5' **Torsional osteotomy plate vs nail**
J. Harrer

15'+5' **Lengthening – my approach**
B. Vogt

15'+5' **Lengthening – my approach**
A. Krieg

15'+5' **Defects after fractures – my approach**
H. Baumgartner

15'+5' **Non-union after fractures – my approach**
W. Metsemakers

16:00 Coffee break

16:30 LECTURES ALL
Operative management

Lecture Room Biozentrum

10'+5' **Postoperative protocol and outcome – how does gait change?**
J. Paul

10'+5' **Osteotomy vs partial arthroplasty – planning and decision**
H. Miozzari

10'+5' **Intra- and postoperative complications – risk and assessment**
R. Martin

10'+5' **Hinge fractures – what to do?**
F. Imhoff

10'+5' **Basic treatment algorithm for infections: FRI/CORI**
M. Clauss

10'+5' **Non-union after osteotomy – what to do?**
M. Morgenstern

18:00 End day 1



07:30 Welcome coffee Biozentrum

08:00 LECTURES ALL
Biomechanics

Lecture Room Biozentrum

- 10'+5' **Knee instability – JLCA and coronal plane insufficiencies**
P. Schuster
- 10'+5' **Knee instability – sagittal alignment on ACL/PCL and pivot shift**
M. Feucht
- 10'+5' **PSI versus freehand – my experience**
R. Martin
- 10'+5' **Intraarticular knee deformity correction – planning and execution**
L. Vlachopoulos
- 10'+5' **Interpretation of long-leg radiographs: pitfalls and tricks**
H. Baumgartner
- 10'+5' **Biomechanical changes due to tibial torsion osteotomy**
F. Imhoff

09:30 Coffee break

10:00 BASIC SAWBONE WORKSHOP 10:00 ADVANCED CADAVER WORKSHOP

Room Bubble 1 + 2 Biozentrum

- 120' **Technique and fixation on sawbones**
High tibial OT
Distal femoral OT
- Instructors:
G. Bode, M. Feucht, R. Martin,
P. Mayer, H. Miozzari, J. Paul,
S. Scheffler, P. Schuster

Anatomical Institute

- 120' **High tibial OT**
Distal femoral OT
Uni arthroplasty + HTO
Lengthening nail / femur nail
Ring fixateur
- Instructors:
H. Baumgartner, M. Clauss, F. Frank,
J. Fürmetz, J. Harrer, A. Imhoff,
A. Krieg, R. Martin, W. Metsemakers,
M. Morgenstern, K. Stoffel,
L. Vlachopoulos, B. Vogt

12:00 Lunch break

12:45 LECTURES ALL
Lunch Symposium Heraeus Medical – heracure 3D – synthetic biomaterials in osteotomies

Lecture Room Biozentrum

13:15 BASIC LECTURES 13:15 ADVANCED CADAVER WORKSHOP

Lecture Room Biozentrum

- 15'+5' **Patellofemoral disorders – when to adress axis/torsion**
P. Mayer
- 15'+5' **Tuberosity osteotomy – indication and effect**
H. Miozzari
- 15'+5' **Cartilage lesion – when do I adress axis**
G. Bode
- 15'+5' **Meniscal lesion – my algorithm for additional osteotomy**
S. Scheffler
- 15'+5' **Case discussion: slope and ACL staging**
P. Schuster
- 15'+5' **Case discussion: chronic collateral ligament insufficiency**
M. Feucht

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- 120' **High tibial OT**
Distal femoral OT
Uni arthroplasty + HTO
Lengthening nail / femur nail
Ring fixateur
- Instructors:
H. Baumgartner, M. Clauss, F. Frank,
J. Fürmetz, J. Harrer, A. Imhoff,
A. Krieg, R. Martin, W. Metsemakers,
M. Morgenstern, K. Stoffel,
L. Vlachopoulos, B. Vogt

15:15 Coffee break

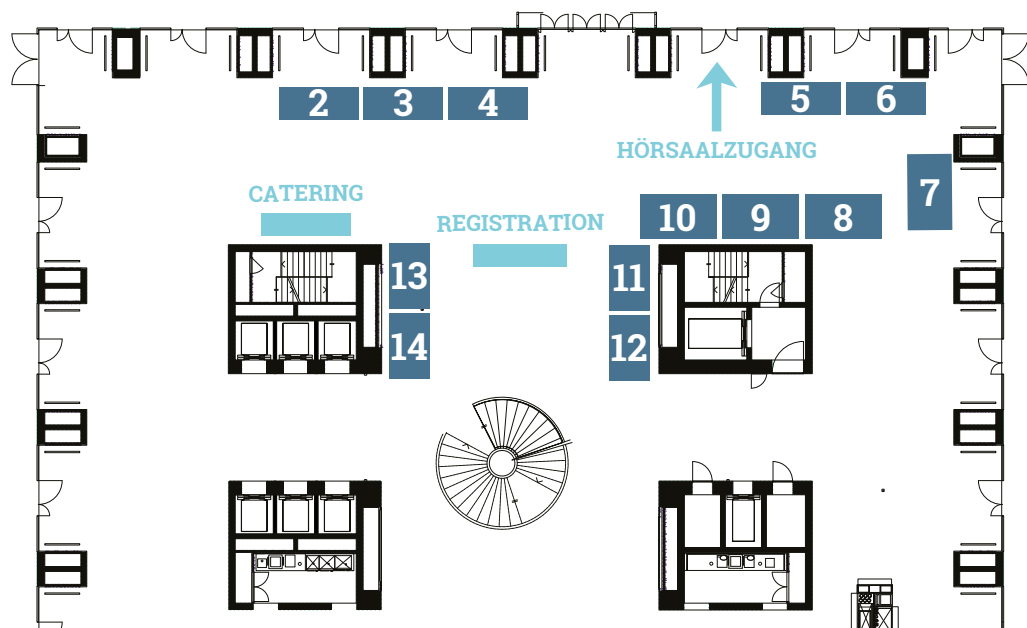
15:45 LECTURES ALL
Round up

Lecture Room Biozentrum

- 15'+5' **Adolosecent – assessment and indication for correction**
B. Vogt
- 15'+5' **My best and my worst case**
W. Metsemakers
- 5' **Closing notes**
F. Imhoff, M. Morgenstern

16:30 End day 2

EXHIBITION PLAN



Exhibition 1st basement
Workshops in Bubble 1 & 2 at 1st floor

EXHIBITOR LIST

Exhibitor	Nr.	Exhibitor	Nr.
NEUTROMEDICS AG	2	Brainlab / TraumaCad	9
OPED AG	3	Arthrex	10
Bauerfeind	4	Smith & Nephew	11
Geistlich	5	Globus Medical	12
ImplantCast	6	Medeco / NewClip	13
Heraeus Medical GmbH	7	Bonesupport / Curmed	14
Personalised surgery	8		

ACCREDITATION

swiss orthopaedics: 16 credits

AGA PATRONAGE



GEVR PATRONAGE



ESSKA PATRONAGE

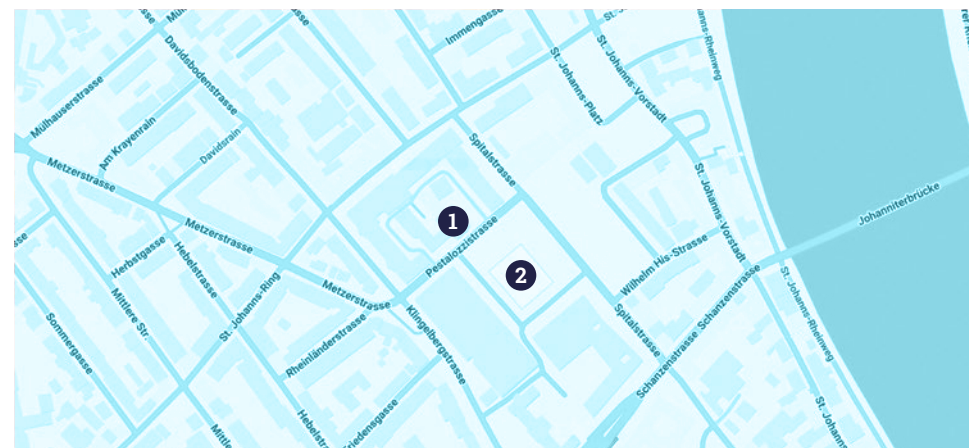


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LOCATION

- 1 Anatomical Institute Basel, Petalozzistrasse 20, 4056 Basel
- 2 Biozentrum, University of Basel, Spitalstrasse 41, 4056 Basel



SPONSORS

