



International Osteotomy Course Basel

28. & 29.01.2027

Biozentrum Basel

Anatomical Institute Basel

MAIN PROGRAM



INTERNATIONAL
OSTEOTOMY COURSE
BASEL

FURTHER INFORMATION AT:
WWW.OSTEOTOMYCOURSE.CH





TABLE OF CONTENTS

Welcome	4
Objectives	5
Faculty	5
Program Thursday, 28 January 2027	6 – 7
Program Friday, 29 January 2027	8 – 9
Exhibition Plan	10
Accreditation	11
Location	11
Course fees	11
Sponsors	12

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 und 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 sincerley



Prof. 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 small group discussions
- Indication and Algorithm
- Development of a treatment plan
- Management of complications

Basic module:

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

Advanced module:

- Basic knowledge in deformity correction required
- 3D deformity analysis and 3D correction plan with patient specific guides
- Bone defect reconstruction
- Step by step Surgical techniques, combined partial arthroplasty
- In-depth surgical training in cadaveric workshop

FACULTY

Prof. Gerrit Bode
Freiburg, Germany

Prof. Martin Clauss
Basel, Switzerland

Prof. Christian Egloff
Zürich, Switzerland

Dr. Jamie Ferguson
Oxford, United Kingdom

Dr. Felix Ferner
Lichtenfels, Germany

Dr. Florian Frank
Basel, Switzerland

Prof. Julian Fürmetz
Murnau, Germany

PD Dr. Karlmeinrad Giesinger
St. Gallen, Switzerland

Dr. Jörg Harrer
Lichtenfels, Germany

Prof. Michael Hirschmann
Liestal, Switzerland

Prof. em. Andreas Imhoff
München, Germany

Prof. Dr. Florian Imhoff
Basel, Switzerland

PD Dr. med. Petros Ismailidis
Basel, Switzerland

Prof. Matthias Koch
Liestal, Switzerland

Prof. Matthias Krause
Hamburg, Germany

Prof. Andreas Krieg
Basel, Switzerland

Prof. Dr. Robin Martin
Fribourg, Switzerland

Dr. Philipp Mayer
Markgröningen, Germany

Prof. Willem-Jan Metsemakers
Leuven, Belgium

PD Dr. Hermes Miozzari
Genf, Switzerland

PD Dr. Mario Morgenstern
Basel, Switzerland

Prof. Jochen Paul
Muttenz, Switzerland

Prof. Björn Vogt
Münster, Germany



08:30 Registration and welcome coffee Biozentrum

09:30 LECTURES ALL (Lecture Room Biozentrum)
All about principles

- 8'+2' **Indications** / H. Miozzari
- 8'+2' **Outcome** / R. Martin
- 8'+2' **Standard values** / J. Harrer
- 8'+2' **Perioperative management** / M. Krause
- 8'+2' **Imaging** / J. Fürmetz

10:30 Coffee break

11:00 BASIC WORKSHOP
Surgical technique

Group B1-B4: Bubble 1

- 15' **HTO Technique**
K. Giesinger
- 45' **Sawbone HTO**
P. Mayer, A. Imhoff, M. Koch

Group B5-B8: Bubble 2

- 15' **DFO Technique**
F. Ferner
- 45' **Sawbone DFO**
H. Miozzari, M. Krause, R. Martin

11:00 ADVANCED WORKSHOP
Gait & planning

Group A1-A4: Exhibition

- 20'+10' **Gait analysis**
P. Ismailidis
- 20'+10' **Bracing**
J. Paul, G. Bode, C. Egloff

Group A5-A8: Lecture Room

- 10' **Planning CORA**
B. Vogt
- 50' **Hands on planning**
F. Frank, J. Harrer, J. Fürmetz, J. Ferguson

12:00 BASIC WORKSHOP
Surgical technique

Group B5-B8: Bubble 1

- 15' **HTO Technique**
K. Giesinger
- 45' **Sawbone HTO**
P. Mayer, A. Imhoff, M. Koch

Group B1-B4: Bubble 2

- 15' **DFO Technique**
F. Ferner
- 45' **Sawbone DFO**
H. Miozzari, M. Krause, R. Martin

12:00 ADVANCED WORKSHOP
Gait & planning

Group A5-A8: Exhibition

- 20'+10' **Gait analysis**
P. Ismailidis
- 20'+10' **Bracing**
J. Paul, G. Bode, C. Egloff

Group A1-A4: Lecture Room

- 10' **Planning CORA**
B. Vogt
- 50' **Hands on planning**
F. Frank, J. Harrer, J. Fürmetz, J. Ferguson

13:00 Lunch break

14:00 BASIC WORKSHOP
Planning

Group B1-B8: Lecture Room

- 15' **Planning 2D step by step**
P. Mayer
- 105' **Hands on digital planning**
J. Paul, H. Miozzari, P. Mayer, M. Krause, F. Ferner, G. Bode, C. Egloff, M. Koch

14:00 ADVANCED WORKSHOP
Surgical technique

Group A1-A4: Bubble 1

- 30' **PSI Sawbone**
R. Martin, J. Fürmetz
- 30' **Hexapod**
M. Morgenstern, W. Metsemakers

Group A5-A8: Bubble 2

- 60' **Case discussion**
B. Vogt, J. Harrer, J. Ferguson, K. Giesinger, M. Hirschmann

15:00 ADVANCED WORKSHOP
Surgical technique

Group A5-A8: Bubble 1

- 30' **PSI, Sawbone**
R. Martin, J. Fürmetz
- 30' **Hexapod**
M. Morgenstern, W. Metsemakers

Group A1-A4: Bubble 2

- 60' **Case discussion**
B. Vogt, J. Harrer, J. Ferguson, K. Giesinger, M. Hirschmann

16:00 Coffee break

16:30 LECTURES ALL (Lecture Room Biozentrum)
All about postoperative

- 8'+2' **Postoperative protocol** / J. Paul
- 8'+2' **Hinge fractures** / F. Imhoff
- 8'+2' **Non-union** / W. Metsemakers
- 8'+2' **Infection** / J. Ferguson
- 8'+2' **Conversion to TKA** / M. Hirschmann

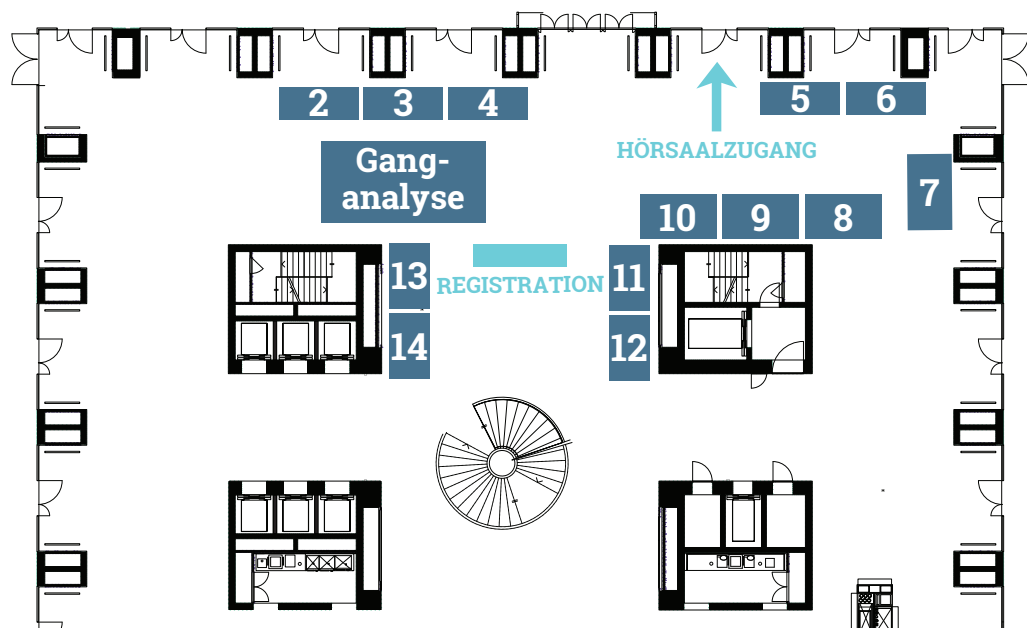
17:30 End Day 1



07:30 Welcome coffee Biozentrum	
08:30 LECTURES ALL (Lecture Room Biozentrum) All about biomechanics	
8'+2'	Slope / G. Bode
8'+2'	Ligament insufficiencies / P. Mayer
8'+2'	Patellofemoral joint / M. Krause
8'+2'	Tuberosity transfer / C. Egloff
8'+2'	Growth plate / A. Krieg
09:30 Coffee break	
10:00 BASIC WORKSHOP Gait & case discussion	10:00 ADVANCED WORKSHOP Surgical technique
<i>Group B1-B4: Exhibition</i>	<i>Group A1-A8: Wetlab – Anatomical Institute</i>
20'+10' Gait analysis P. Ismailidis	120' HTO DFO Uni Nail Hexapod Instructors: M. Krause, C. Egloff, A. Imhoff, J. Paul, K. Giesinger, A. Krieg, B. Vogt, H. Miozzari, P. Ismailidis
20'+10' Bracing H. Miozzari, P. Mayer, M. Krause	
<i>Group B5-B8: Bubble 1/2</i>	
30' Cases: Meniscus/Cartilage J. Paul, C. Egloff, G. Bode	
30' Cases: ligament Revision K. Giesinger, R. Martin	
11:00 BASIC WORKSHOP Gait & case discussion	
<i>Group B5-B8: Exhibition</i>	
20'+10' Gait analysis P. Ismailidis	
20'+10' Bracing H. Miozzari, P. Mayer, M. Krause	
<i>Group B1-B4: Bubble 1/2</i>	
30' Cases: Meniscus/Cartilage J. Paul, C. Egloff, G. Bode	
30' Cases: ligament Revision K. Giesinger, R. Martin	

12:00 Lunch break		
13:00 BASIC WORKSHOP Surgical technique	13:00 ADVANCED WORKSHOP Surgical technique	
Group B1-B4: Bubble 1	Group A1-A8: Wetlab – Anatomical Institute 120' HTO DFO Uni Nail Hexapod Instructors: M. Krause, C. Egloff, A. Imhoff, J. Paul, K. Giesinger, A. Krieg, B. Vogt, H. Miozzari, P. Ismailidis	
60' Sawbone PSI J. Harrer, R. Martin, P. Mayer, G. Bode		
Group B5-B8: Bubble 2		
60' Hexapod W. Metsemakers, F. Frank, J. Ferguson, M. Clauss, F. Ferner		
14:00 BASIC WORKSHOP Surgical technique		
Group B5-B8: Bubble 1		
60' Sawbone PSI J. Harrer, R. Martin, P. Mayer, G. Bode		
Group B1-B4: Bubble 2		
60' Hexapod W. Metsemakers, F. Frank, J. Ferguson, M. Clauss, F. Ferner		
15:00 Coffee break		
15:30 LECTURES ALL (Lecture Room Biozentrum) Round up		
30' Take home messages / F. Imhoff, M. Morgenstern		
16:00 End Day 2		

EXHIBITION PLAN



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

EXHIBITOR LIST

Exhibitor	Nr.	Exhibitor	Nr.
Geistlich Pharma AG	XX	OPED AG	Ganganalyse
Neutromedics AG	XX	Heraeus Medical GmbH	XX
Cosanum AG	XX	Smith&Nephew Schweiz AG	XX
Medeco - CH	XX	Arthrex	XX

COURSE FEES

Basic Course: CHF 550.- (No VAT)
Advanced Course: CHF 950.- (No VAT)

ACCREDITATION

swiss orthopaedics: 12 credits

AGA PATRONAGE



GEVR PATRONAGE



ESSKA PATRONAGE

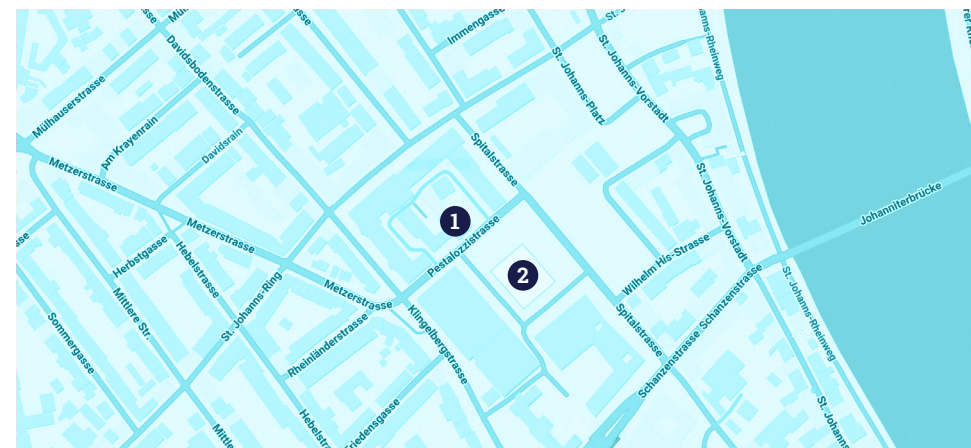


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LOCATION

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



SPONSORS



Preliminary Program

