

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 and Registration	11
Sponsors	12

INTERNATIONAL OSTEOTOMY COURSE 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 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	**PD Dr. med. Petros Ismailidis** Basel, Switzerland
Prof. Martin Clauss Basel, Switzerland	**Prof. Matthias Koch** Liestal, Switzerland
Prof. Christian Egloff Zürich, Switzerland	**Prof. Matthias Krause** Hamburg, Germany
Dr. Jamie Ferguson Oxford, United Kingdom	**Prof. Andreas Krieg** Basel, Switzerland
Dr. Felix Ferner Lichtenfels, Germany	**Prof. Dr. Robin Martin** Fribourg, Switzerland
Dr. Florian Frank Basel, Switzerland	**Dr. Philipp Mayer** Markgröningen, Germany
Prof. Julian Fürmetz Murnau, Germany	**Prof. Willem-Jan Metsemakers** Leuven, Belgium
PD Dr. Karlmeinrad Giesinger St. Gallen, Switzerland	**PD Dr. Hermes Miozzari** Genf, Switzerland
Dr. Jörg Harrer Lichtenfels, Germany	**PD Dr. Mario Morgenstern** Basel, Switzerland
Prof. Michael Hirschmann Liestal, Switzerland	**Prof. Jochen Paul** Muttenz, Switzerland
Prof. em. Andreas Imhoff München, Germany	**Prof. Björn Vogt** Münster, Germany
Prof. Dr. Florian Imhoff Basel, Switzerland	

PROGRAM THURSDAY, 28 JANUARY 2027

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

12:30 – 12:50 Lunchsymposim Heraeus

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 – 18:30 Apéro in the Exhibition Hall

18:30 End Day 1

PROGRAM FRIDAY, 29 JANUARY 2027

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

***Group B1-B4:** Exhibition*

20'+10' **Gait analysis**
P. Ismailidis

20'+10' **Bracing**
H. Miozzari, P. Mayer, M. Krause

***Group B5-B8:** Bubble 1/2*

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

***Group B5-B8:** Exhibition*

20'+10' **Gait analysis**
P. Ismailidis

20'+10' **Bracing**
H. Miozzari, P. Mayer, M. Krause

***Group B1-B4:** Bubble 1/2*

30' **Cases: Meniscus/Cartilage**
J. Paul, C. Egloff, G. Bode

30' **Cases: ligament Revision**
K. Giesinger, R. Martin

10:00 ADVANCED WORKSHOP
Surgical technique

***Group A1-A8:** Wetlab – Anatomical Institute*

120' **HTO**
DFO
Uni
Nail
Hexapod

Instructors:
W. Metsemakers, J. Harrer, M. Koch, J. Ferguson, A. Imhoff, F. Frank, A. Krieg, F. Ferner, B. Vogt, M. Clauss

12:00 Lunch break

13:00 BASIC WORKSHOP
Surgical technique

***Group B1-B4:** Bubble 1*

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

13:00 ADVANCED WORKSHOP
Surgical technique

***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

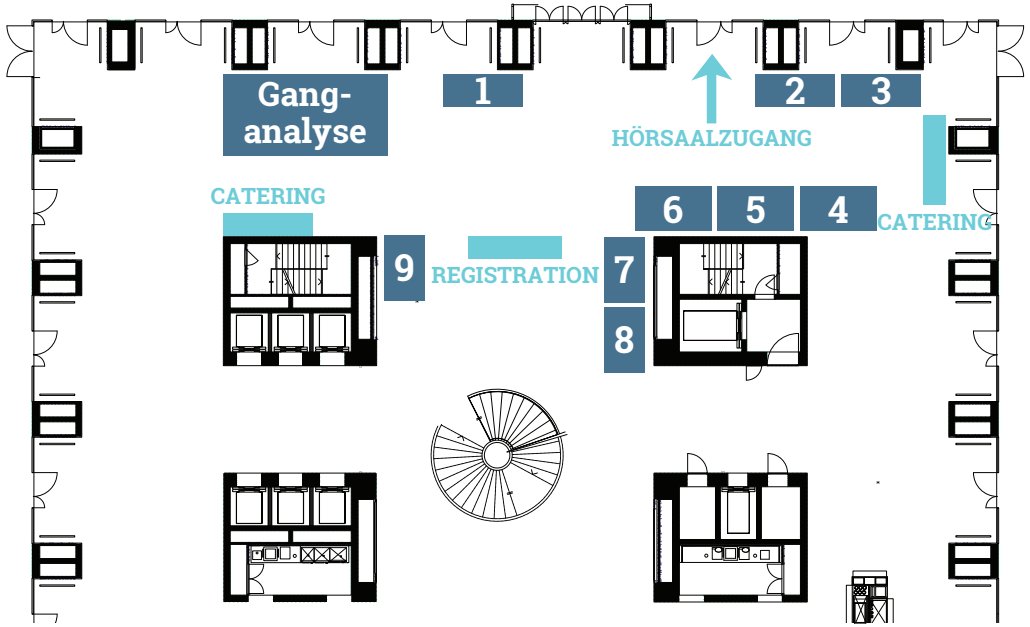
15:00 Coffee break

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.
Arthrex GmbH	6
Geistlich Pharma AG	2
Heraeus Medical GmbH	3
Medeco-ch	9
Cosanum	8

Exhibitor	Nr.
Neutromedics AG	1
OPED AG	Ganganalyse
Sevika Medical AG	5
Smith&Nephew Schweiz AG	7
Surgmed GmbH	4

COURSE FEES

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

ACCREDITATION

swiss orthopaedics: 12 credits

REGISTRATION

osteotomycourse.ch

AGA PATRONAGE

AGA – Gesellschaft für Arthroskopie und Gelenkchirurgie
ZERTIFIZIERTER CURRICULUM KURS ADVANCED

GEVR PATRONAGE

Gesellschaft für Extremitätenverlängerung und -rekonstruktion

ESSKA PATRONAGE

ESSKA APPROVED PATRONAGE EVENT

CERTIFIED BY DKG

Deutsche Kniegesellschaft – zertifiziert durch die DKG
MODUL 2 Angeborene und erworbene Deformitäten

LOCATION

1 Anatomical Institute Basel, Petalozzistrasse 20, 4056 Basel

2 Biozentrum, University of Basel, Spitalstrasse 41, 4056 Basel



SPONSORS

Arthrex

cosanum
Der Gesundheitslogistiker.

DePuy Synthes
Humanly moved

Geistlich

GLOBUS MEDICAL

Heraeus
Medical

Medacta
International

Medeco-ch

mediCAD
The Digital Mind For Orthopedics

NEUTROMEDICS

OPED
Keeps you going.

SEVIKA MEDICAL

Smith+Nephew

SURGMED
BONE BANK + ALLOGRAFTS

Osteotomy Course Basel c/o cistemaMED / Bornstrasse 38 / 4612 Wangen bei Olten
T +41 79 842 42 66 / osteotomycourse@cistema.ch / www.osteotomycourse.ch