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# BioSkills Workshops at DKOU Berlin Imaging Course

Tue, October 22<sup>nd</sup> 9–12am  
in the Wetlab at DKOU2019, Hall 4.2

*For Industry Partners*

# Agenda enables end-to-end Trauma Management

October 22<sup>nd</sup>

## Imaging Course with 2D and 3D intraoperative imaging

	Fracture	Agenda	Duration
09:00	Wrist	<b>Imaging Presentation</b> Introduction, background, X-ray anatomy, technical aspects	15 min
09:15	Wrist	<b>Imaging Course</b> Handling, acquisition of 2D projections, 3D imaging and postprocessing, pearls and pitfalls	40 min
09:55	Ankle	<b>Imaging Presentation</b> Introduction, background, X-ray anatomy, technical aspects	15 min
10:10	Ankle	<b>Imaging Course</b> Handling, acquisition of 2D projections, 3D imaging and postprocessing, pearls and pitfalls	40 min
10:50	Knee	<b>Imaging Presentation</b> Introduction, background, X-ray anatomy, technical aspects	15 min
11:05	Knee	<b>Imaging Course</b> Handling, acquisition of 2D projections, 3D imaging and postprocessing, pearls and pitfalls	40 min
11:45		<b>Closing &amp; Discussion</b>	15 min

# Specifications of specimen & fractures in this document

October 22<sup>nd</sup>

## Imaging Course with X-Ray imaging & 3D fluoroscopy

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### 1. Wrist

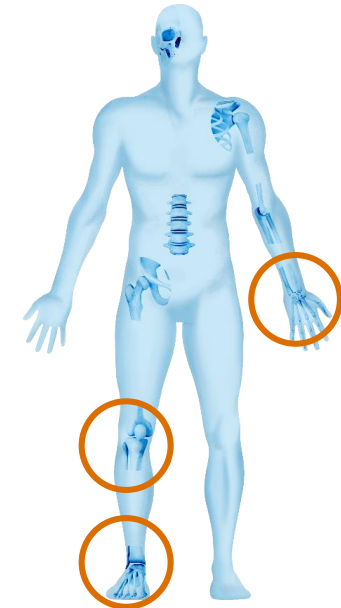
- unfractured specimen
- wrist fracture type **AO 23-C3**, inappropriate treatment

### 2. Ankle

- unfractured specimen
- ankle joint type **Weber B/C** fracture with syndesmotic injury, inappropriate treatment

### 3. Knee

- unfractured specimen
- tibial head fracture type **AO 41-C3**, inappropriate treatment



# Strong team of involved parties to create excellence

## Industry Partner



## Faculty

**Name**  
Franke  
Keil

**Prenome**  
Jochen  
Holger

**Country**  
Germany  
Germany

# What to bring – roles & responsibilities



RIMASYS

Logistics

## OR Infrastructure

- ✓ Fully equipped working stations (covers, lighting, etc.)
- ✓ 3D C-Arm fluoroscopy by **SIEMENS Healthineers**
- ✓ Basic instruments
- ✓ Protective clothing
- ✓ Disposables (e.g., sutures, scalpels, etc.)
- ✓ Cleaning of instruments on request
- ✓ Presentation equipment (i.e., projector, speakers)

## Prefractured Specimen

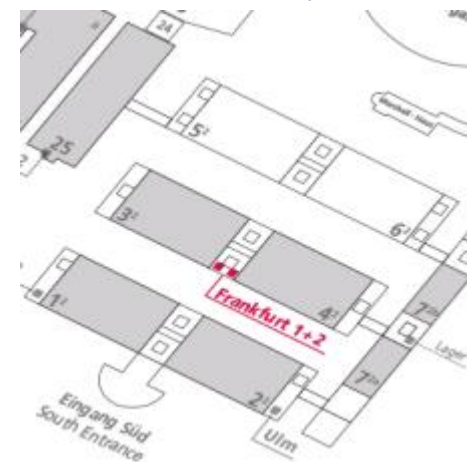
- ✓ Fresh-frozen pre-fractured specimen (Specimen fractured using exclusive RIMASYS fracture method/system)
- ✓ CT-scans
- ✓ 3D prints
- ✓ VR models

## Delivery

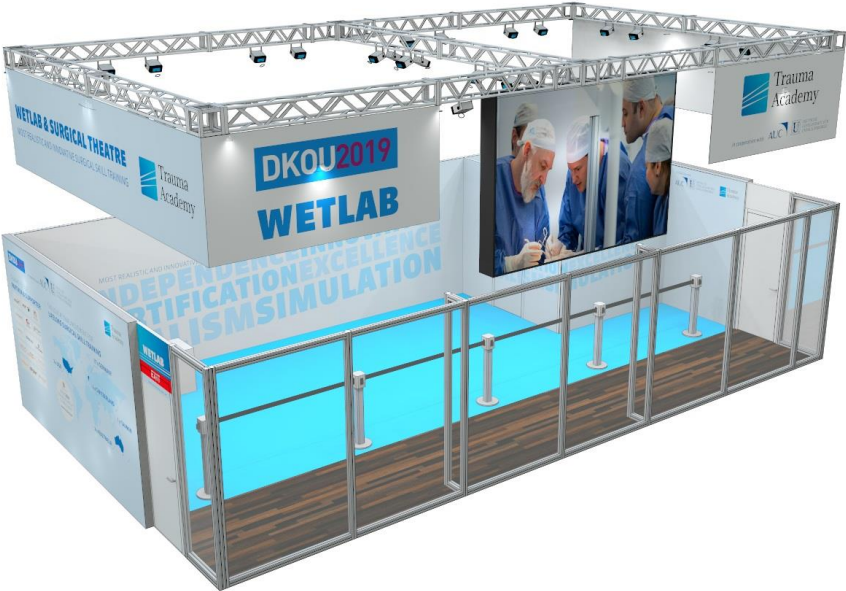
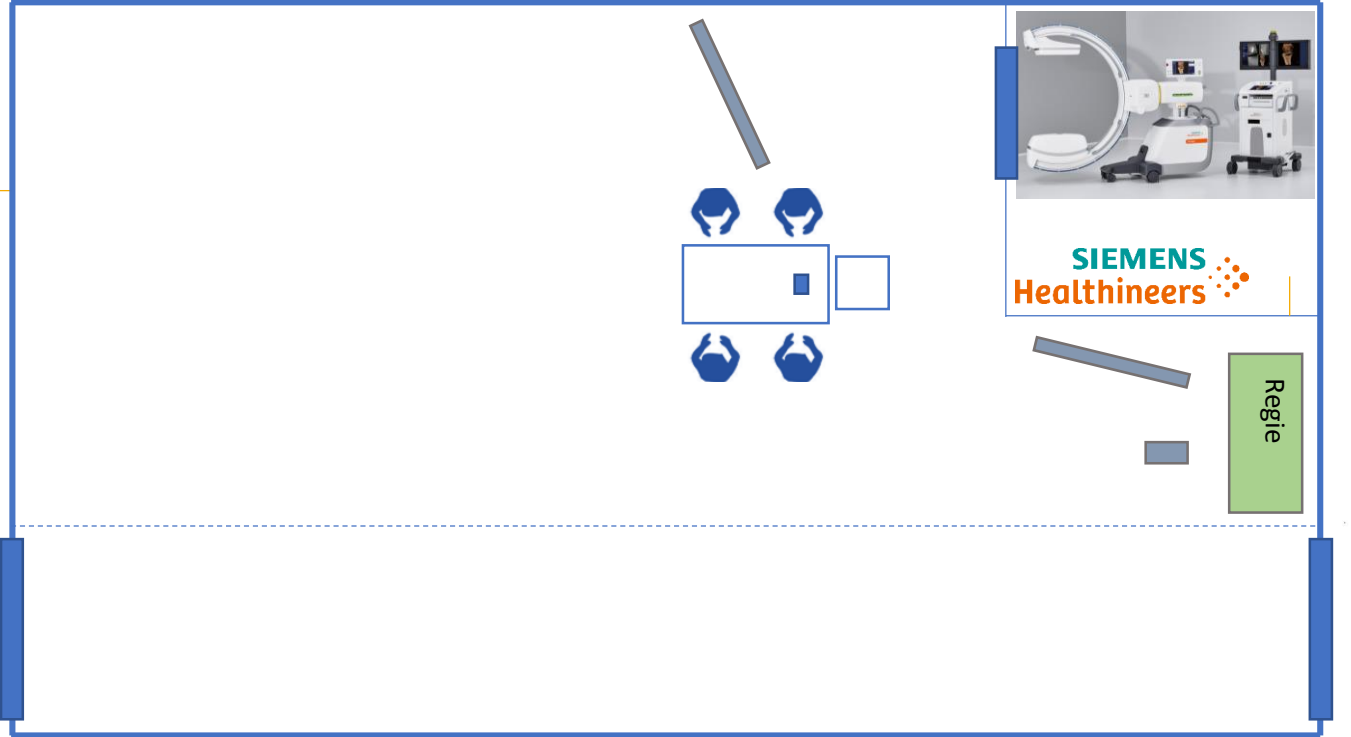
- ✓ Fri 18<sup>th</sup> – Mon 21<sup>st</sup> between 8am – 8pm

## Material storage

- ✓ Material storage room (03.02-003,,Frankfurt 1“, Standort: Zentralachse 3-4)



# DKOU 2019 WETLAB AT EXHIBITION HALL 4.2




# Disclaimer: Fractures generated by RIMASYS for surgical education

## RIMASYS vision

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Enhancing surgical education and patient outcomes by deploying realistic fractures for practical skill training



RIMASYS is the worldwide sole manufacturer of realistic fractures in human specimen:

- ✓ closed soft tissue
- ✓ reproducible fracture patterns
- ✓ according to common classifications

## Usage of this document

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- Traumata are established in **closed fresh-frozen human specimen** and **evaluated as realistic** by independent experts
- This document is intended to facilitate **end-to-end trauma management** for fracture course participants
- In order to **respect the body donors** you are asked to use this document for **educational and course related purposes only**

# Specifications of specimen & fractures in this document

Specimen ID      Fracture      Side      Gender      Age      Height [m]      Weight [kg]

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Fracture and specimen details will be submitted soon



Specimen picture will be added soon



## Imaging Course at DKOU 2019

***Let's elevate surgical  
education to the next level.***



Trauma  
Academy

ENABLING EXCELLENCE

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