



www.trauma-academy.com

BioSkills Workshops at DKOU Berlin L5 – Elbow Masterclass

Thu, October 24th , 2–6pm
in the Wetlab at DKOU2019, Hall 4.2

For Industry Partners

Agenda enables end-to-end Trauma Management

Date: October 24th

Demonstration: Elbow

Fracture: Distal Humerus

Procedure: *tbd*

Time	Agenda	Duration
14:00	Organise your plan Introduction & Welcome	20 min
14:20	Know your implants Industry Speed-Dating	25 min
14:45	Define your Plan Planning with X-ray, CT, 3D-prints	40 min
15:25	Operate your Plan Hands-on Wetlab Dist Humerus	120 min
17:25	Defend your Plan Presentation & discussion of results	30 min
17:55	Closing	5 min



Strong team of involved parties to create excellence

Industry Partner



Faculty

Name	Prenome	Country	Status
Biberthaler	Peter	Germany	Confirmed
Hoffmann	Michael	Germany	Confirmed
Mittlmeier	Thomas	Germany	Confirmed
Von Recum	Jan	Germany	Confirmed
Seifert	Julia	Germany	Confirmed

Moderator

Trapp	Oliver	Germany	Confirmed
-------	--------	---------	-----------

What to bring – roles & responsibilities



RIMASYS

Logistics

Industry Partner

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)

Prefracted Specimen

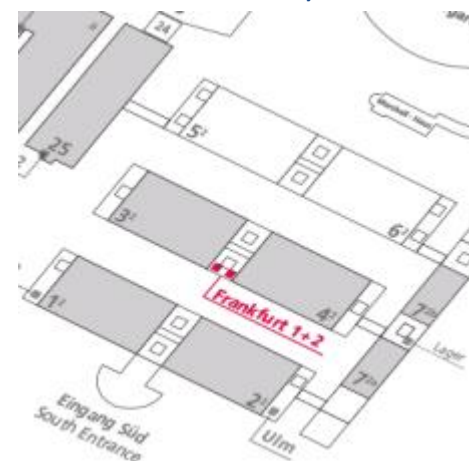
- ✓ Fresh-frozen pre-fractured specimen (Specimen fractured using exclusive RIMASYS fracture method/system)
- ✓ CT-scans
- ✓ 3D prints
- ✓ VR models

Delivery

- ✓ Fri 18th – Mon 21st between 8am – 8pm

Material storage

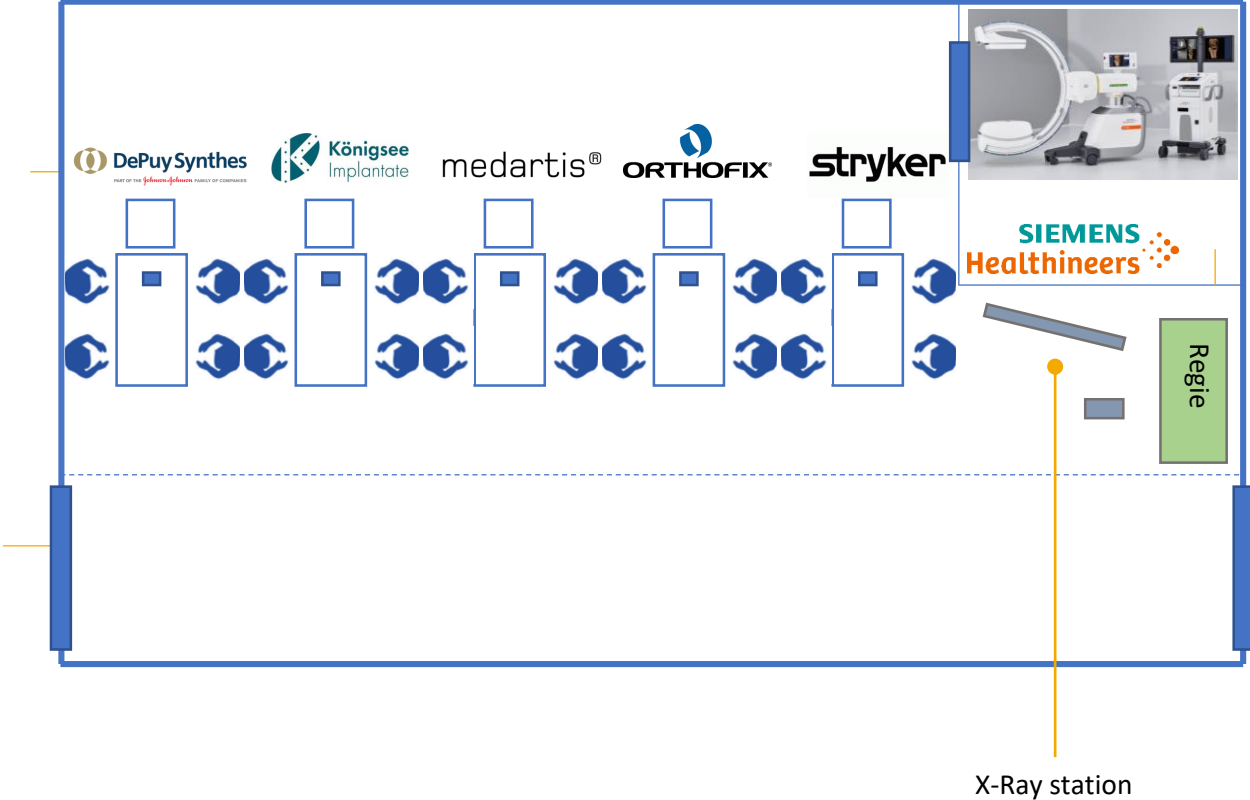
- ✓ Material storage room (03.02-003,,Frankfurt 1“, Standort: Zentralachse 3-4)








End-to-end trauma/orthopedic treatment implants & instruments:

- ✓ Implants (screws, plates, nails, wires, etc.)
- ✓ Extended instruments and power tools (drills, saws, etc.)
- ✓ Repositioning instruments
- ✓ Soft-Tissue Instruments
- ✓ Manpower (≥2)
- ✓ Registration at Wetlab 15min before start

BioSkills Workshops set-up at DKOU 2019








Working places– Elbow

	Station 1	Station 2	Station 3	Station 4	Station 5
Industriepartner	 DePuy Synthes <small>PART OF THE JOHNSON-JOHNSON FAMILY OF COMPANIES</small>	 Königsee Implantate	 medartis®	 ORTHOFIX®	 stryker
Instruktor	Katthagen	Maier	Meffert	Mader	Siebenlist
Teilnehmer 1	TBD	TBD	TBD	TBD	TBD
Teilnehmer 2	TBD	TBD	TBD	TBD	TBD
Teilnehmer 3	TBD	TBD	TBD	TBD	TBD

The „Elbow“– challenges at DKOU


Details in Appendix

Station 1	Station 2	Station 3	Station 4	Station 5
 PART OF THE Johnson & Johnson FAMILY OF COMPANIES				
1 TBD	2 TBD	3 TBD	4 TBD	5 TBD

Disclaimer: Fractures generated by RIMASYS for surgical education

RIMASYS vision

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

- 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]
1	L-190797-R	Distal Humerus	Right	Male	80	1,78	73
2	L-190797-L	Distal Humerus	Left	Male	80	1,78	73
3	L-190852-L	Distal Humerus	Left	Male	79	1,73	57
4	L-190892-L	Distal Humerus	Left	Female	56	1,68	82
5	L-182695-L	Distal Humerus	Left	Male	62	1,63	84

1 Post-fracturing – Distal Humerus (L-190797-R)

Extended specifications

Age	80
Height [m]	1,78
Weight [kg]	73
BMI	23
Sex	Right
Side	Male

Post-fracturing



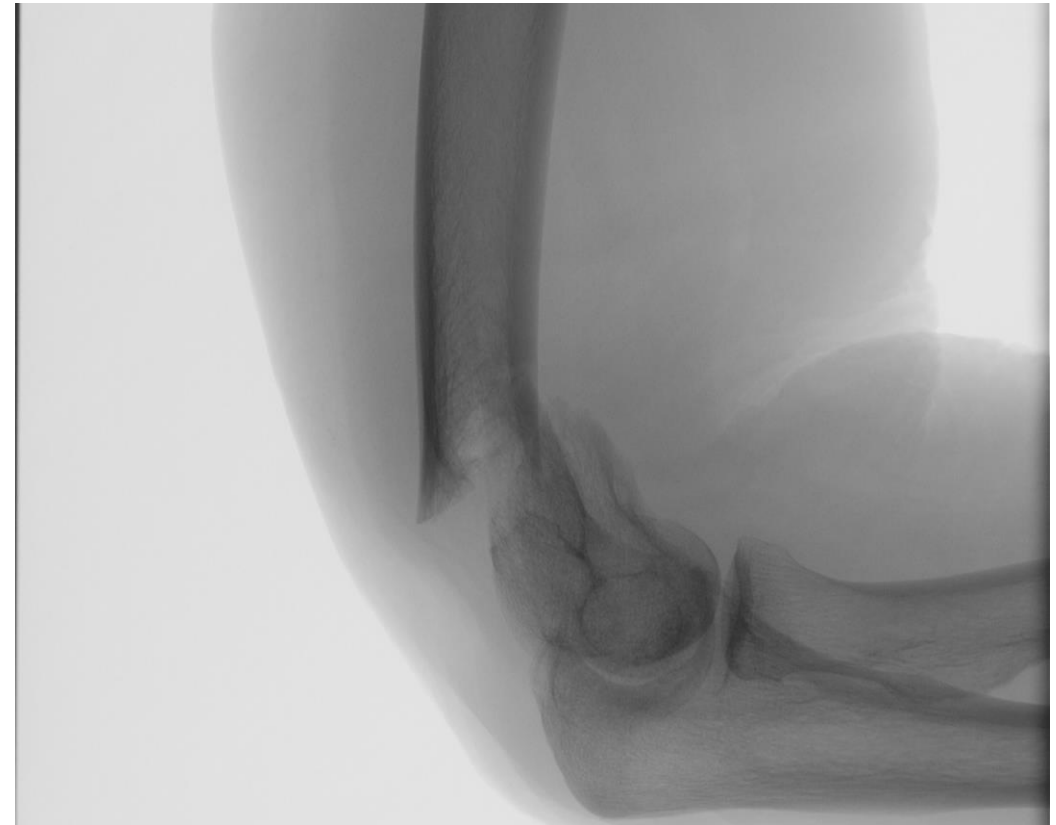
1

Post-fracturing – Distal Humerus (L-190797-R)

Anterior-Posterior



Lateral





segmentation for 3D prints will be submitted soon

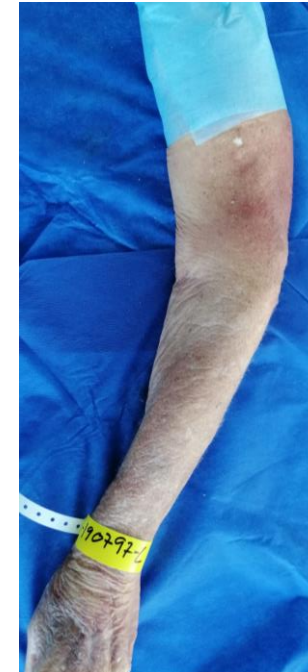
2

Post-fracturing – Distal Humerus (L-190797-L)

Extended specifications

Age	80
Height [m]	1,78
Weight [kg]	73
BMI	23
Sex	Male
Side	Left

Post-fracturing



2

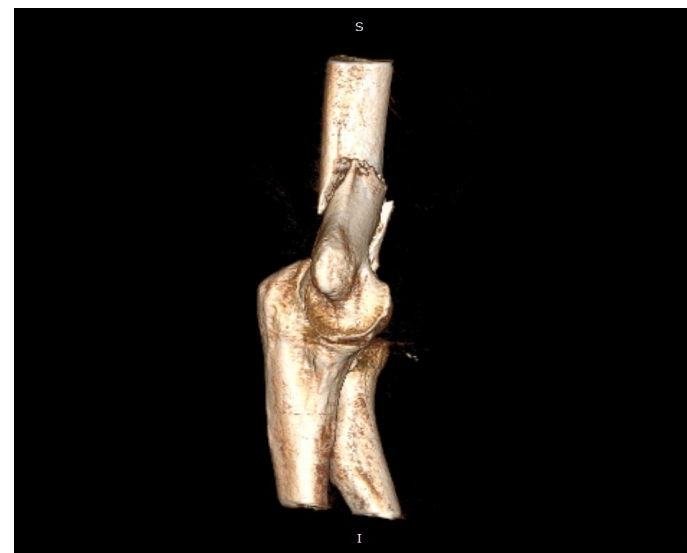
Post-fracturing – Distal Humerus (L-190797-L)

Anterior-Posterior



Lateral





segmentation for 3D prints will be submitted soon

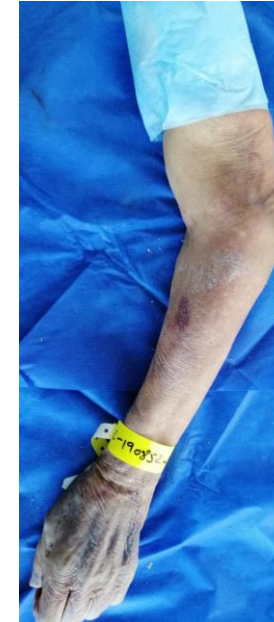
3

Post-fracturing – Distal Humerus (L-190852-L)

Extended specifications

Age	79
Height [m]	1,73
Weight [kg]	57
BMI	19
Sex	Male
Side	Left

Post-fracturing



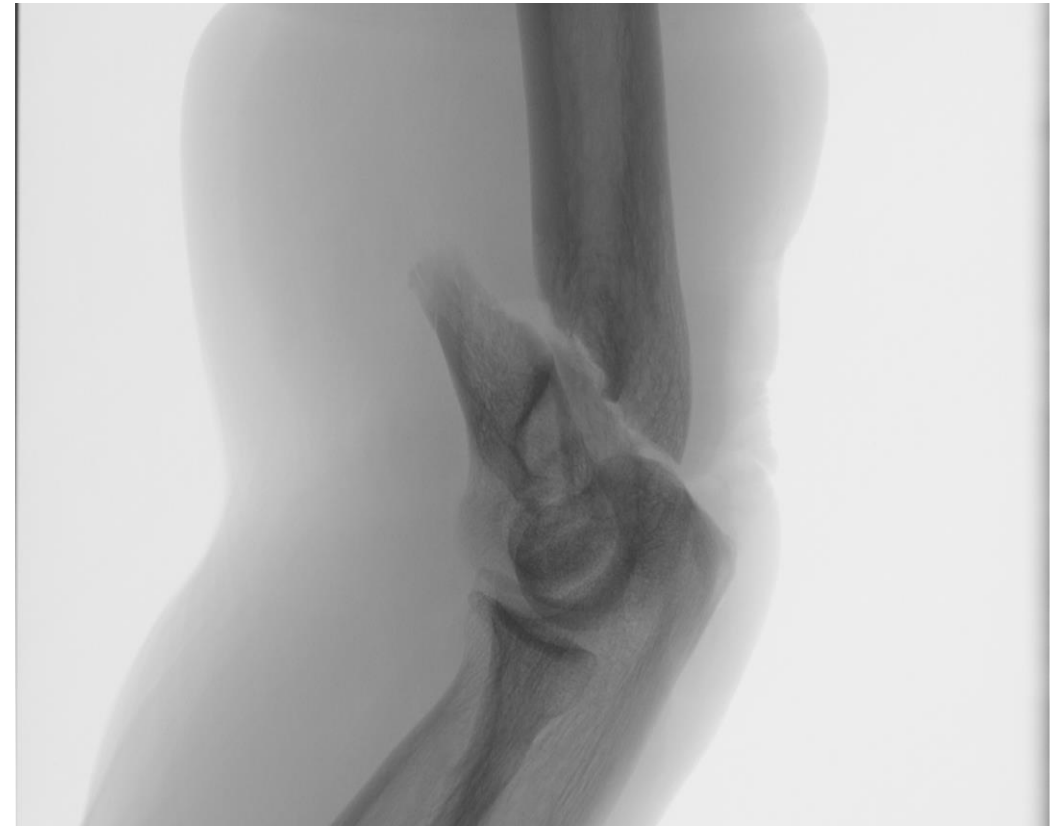
3

Post-fracturing – Distal Humerus (L-190852-L)

Anterior-Posterior



Lateral





segmentation for 3D prints will be submitted soon

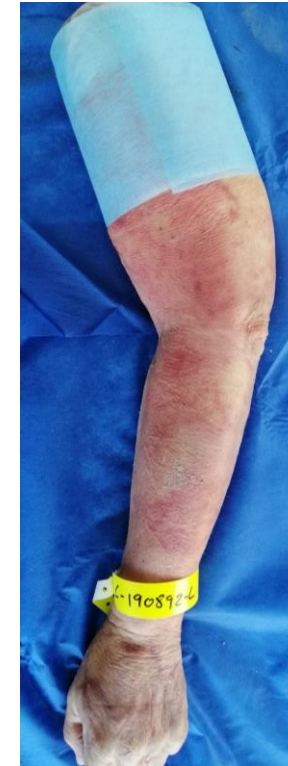
4

Post-fracturing – Distal Humerus (L-190892-L)

Extended specifications

Age	56
Height [m]	1,68
Weight [kg]	82
BMI	29
Sex	Female
Side	Left

Post-fracturing



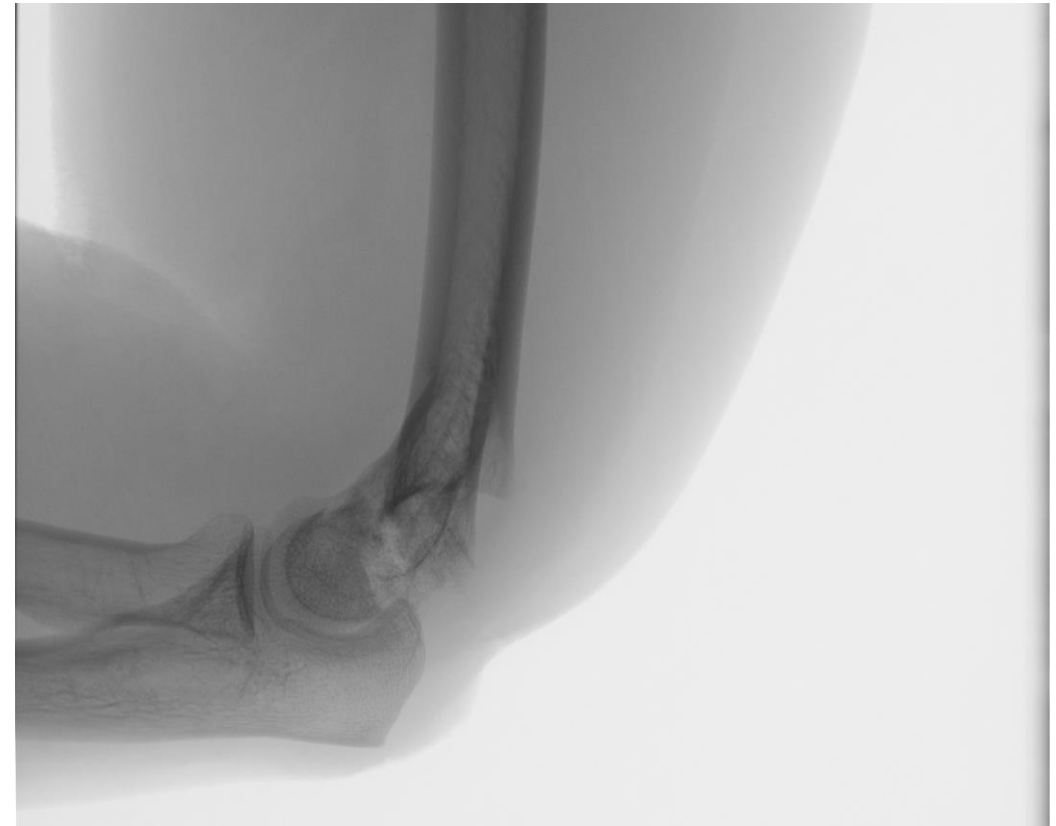
4

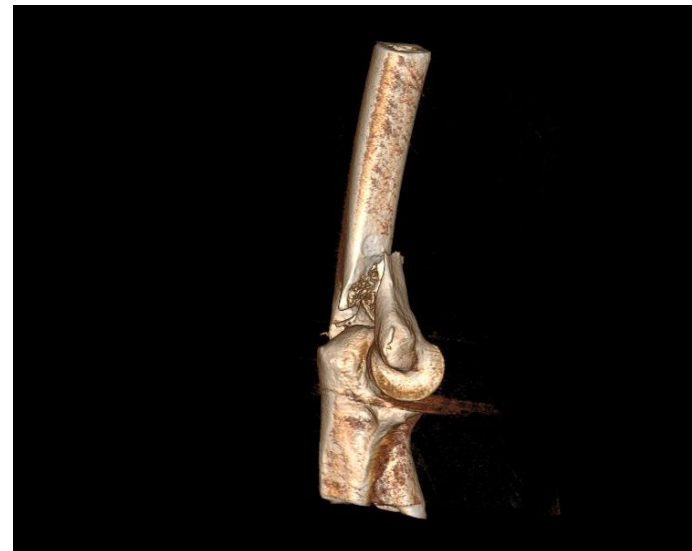
Post-fracturing – Distal Humerus (L-190892-L)

Anterior-Posterior



Lateral





segmentation for 3D prints will be submitted soon

5

Post-fracturing – Distal Humerus (L-182695-L)

Extended specifications

Age	62
Height [m]	1,63
Weight [kg]	84
BMI	32
Sex	Male
Side	Left

Post-fracturing



5

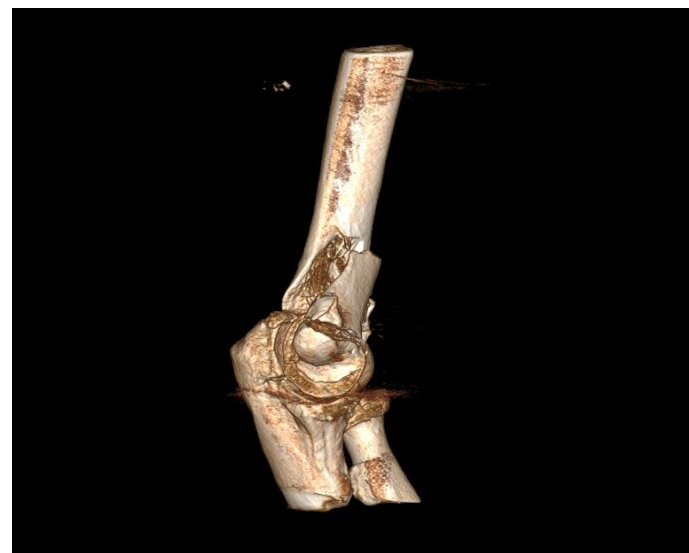
Post-fracturing – Distal Humerus (L-182695-L)

Anterior-Posterior



Lateral





segmentation for 3D prints will be submitted soon

L5 – Elbow Masterclass BioSkills Workshop at DKOU 2019

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



**Trauma
Academy**

ENABLING EXCELLENCE

TRAUMA ACADEMY

c/o RIMASYS GmbH
Nattermannallee 1
50829 Cologne
GERMANY

Mail: admin@trauma-academy.com

Managing director: Marc Ebinger, Robert Holz

Explore more via www.trauma-academy.com