



IBRA International Bone
Research Association
OUTSTANDING EDUCATION SINCE 2004!

Program



IBRA Master Course

Fractures of the Upper Limb: From the Fingertip to the Shoulder

November 14 – 16, 2019
Lucerne, Switzerland

Chairmen:

Prof. Dr. Lars P. Müller, Cologne, Germany

Prof. Dr. Hermann Krimmer, Ravensburg, Germany

PD. Dr. Kilian Wegmann, Cologne, Germany

Foreword

Dear colleagues,

We are happy, that some of the World's leading elbow experts will share their experiences in our course in Luzerne, Switzerland. Besides the very well-known Prof. Graham King from Canada, we are proud to welcome Prof. Denise Eygendaal from the Netherlands and Prof. Adam Watts from Great Britain.

We are looking forward to intense discussions and practical tips and tricks during the realistic dissection part of the course: highlights will be the management of the soft tissues and reposition techniques of human cadaveric specimens with realistic fracture patterns.



Prof. Dr. med.
Lars P. Müller



PD Dr. med.
Kilian Wegmann

Foreword

Dear colleagues,

Complex articular fractures of the distal radius still remain challenging. Despite the technical progress with the fixed angle devices, inadequate fixation or secondary dislocation are common risks for failure. Decision making for treatment requires precise analysis of the fracture by X-ray and CT-scan. The Master Training Course in Lucerne focuses on exercises in a realistic clinical setting. An intensive theoretical part will be followed by a practical part with pre-fractured specimens. Based on CT and X-ray images the participants discuss in small groups the best treatment strategy including tips and tricks given by their instructors. Afterwards internal fixation of the fracture is done with active exchange between participants and instructors.

Finally, all groups will present their cases and discuss it in common, which allows to profit from the experiences made by each other.

We look forward to welcoming you in Lucerne to a memorable, interactive event.



Prof. Dr. med.
Hermann Krimmer

Faculty

(in alphabetical order)

Chairmen

Prof. Dr. Lars P. Müller, Cologne, Germany

Prof. Dr. Hermann Krimmer, Ravensburg, Germany

PD. Dr. Kilian Wegmann, Cologne, Germany

Hand & Wrist

Prof. Dr. Hermann Krimmer, Ravensburg, DE,
krimmer@handchirurgie-ravensburg.de

Prim. Dr. Wolfgang Hintringer, Vienna, AT, w@hintringer.at

Dr. Radek Kebrle, Vysoké nad Jizerou, CZ, radek.kebrle@seznam.cz

Prof. Dr. Martin Leixnering, AUVA, Vienna, AT, martin.leixnering@auva.at

Dr. Ranjit Gill, Kuala Lumpur, MY, gillhandsurgery@gmail.com

Elbow

Prof. Dr. Denise Eygendaal, Amsterdam, NL, denise@eygendaal.nl

Graham King, Ontario, CAN, gking@uwo.ca

Prof. Dr. Lars P. Müller, Cologne, DE, lars.mueller@uk-koeln.de

Prof. Alexander van Tongel, Gent, BE, alexander_vantongel@hotmail.com

Prof. Dr. Adam C. Watts, Wrightington, UK, adam.c.watts@wwl.nhs.uk

PD Dr. Kilian Wegmann, Cologne DE, kilian.wegmann@uk-koeln.de

Faculty

(in alphabetical order)

Shoulder

Prof. Dr. Denise Eygendaal, Amsterdam, NL, denise@eygendaal.nl

Dr. Matthias Königshausen, Bochum, DE, matthias.koenigshausen@gmail.com

Prof. Dr. Lars P. Müller, Cologne, DE, lars.mueller@uk-koeln.de

Prof. Alexander van Tongel, Gent, BE, alexander_vantongel@hotmail.com

Prof. Dr. Adam C. Watts, Wrightington, UK, adam.c.watts@wwl.nhs.uk

PD Dr. Kilian Wegmann, Cologne DE, kilian.wegmann@uk-koeln.de

Thursday – November 14, 2019

7:10	Bus transfer from the Hotel to Skills Lab Lucerne Cantonal Hospital	
7:30 – 7:50	Registration	
7:50 – 7:55	Welcome	
7:55 – 8:00	IBRA Introduction	
8:00 – 10:00	Hand and Wrist – Theoretical Part (120 min)	
8:00 – 8:15	Fracture simulator – a story from Cologne	<i>K. Wegmann</i>
8:10 – 8:25	CT-based classification for radius fractures	<i>W. Hintringer</i>
8:25 – 8:30	Question & answer	
8:30 – 8:45	Palmar-dorsal-combined approach – decision making.	<i>R. Kebrle</i>
8:45 – 8:50	Question & answer	
8:50 – 9:05	Fracture-specific plate selection	<i>M. Leixnering</i>
9:05 – 9:10	Question & answer	
9:10 – 10:00	Case discussion	<i>All</i>
10:00 – 10:20	Coffee Break	

Thursday – November 14, 2019

10:20 – 10:30	Medartis Implants and Instruments	<i>Medartis</i>
10:30 – 13:00	Hand and Wrist Fractures – Practical Part I (150 min)	
10:30 – 12:00	Case 1: All groups receive a pre-fractured specimen and elaborate the case	<i>All</i>
12:00 – 13:00	Presentation and Discussion Case 1	<i>Groups</i>
13:00 – 14:00	Lunch	
14:00 – 16:30	Hand and Wrist Fractures – Practical Part II (150 min)	
14:00 – 15:30	Case 2: All groups receive a pre-fractured specimen and elaborate the case	<i>All</i>
15:30 – 16:30	Presentation and Discussion Case 2	<i>Groups</i>
16:30 – 16:45	Summary and adjourn	<i>H. Krimmer</i>
17:00	Transfer to the hotel	
19:30	Social Dinner at Bellini-Locanda Ticinese Hotel Continental Park Murbacherstrasse 4 6002 Luzern www.bellinilocanda.ch	

Friday – November 15, 2019

7:30	Bus transfer from the Hotel to Skills Lab Lucerne Cantonal Hospital	
7:50 – 7:55	Registration	
7:55 – 8:00	Welcome	<i>L. P. Müller</i>
8:00 – 10:00	Elbow – Theoretical Part (120 min)	
8:00 – 8:15	Distal humerus fracture ORIF: approach and reposition technique	<i>G. King</i>
8:15 – 8:20	Question & answer	
8:20 – 8:35	Ligamentous elbow dislocation: Algorithm	<i>D. Eygedaal</i>
8:35 – 8:40	Question & answer	
8:40 – 8:55	Coronoid ORIF: Approach, reposition technique, fixation	<i>K. Wegmann</i>
8:55 – 9:00	Question & answer	
9:00 – 9:15	Radial head fracture ORIF: approach, reposition technique, fixation	<i>G. King</i>
9:15 – 9:20	Question & answer	
9:20 – 9:45	Monteggia lesion: Algorithm	<i>A. Watts</i>
9:45 – 9:50	Question & answer	
9:50 – 10:00	Case discussion	<i>A. v. Tongel / K. Wegmann</i>
10:00 – 10:20	Coffee Break	

Friday – November 15, 2019

10:20 – 10:30	Medartis Implants and Instruments	<i>Medartis</i>
10:30 – 13:00	Elbow Fractures – Practical Part I (150 min)	
10:30 – 12:00	Case 1: All groups receive a pre-fractured specimen and elaborate the case	<i>All</i>
12:00 – 13:00	Presentation and Discussion Case 1	<i>Groups</i>
13:00 – 14:00	Lunch	
14:00 – 16:30	Elbow Fractures – Practical Part II (150 min)	
14:00 – 15:30	Case 2: All groups receive a pre-fractured specimen and elaborate the case	<i>All</i>
15:30 – 16:30	Presentation and Discussion Case 2	<i>Groups</i>
16:30 – 16:45	Summary and adjourn	
17:00	Transfer to the hotel	

Saturday – November 16, 2019

7:30	Bus transfer from the Hotel to Skills Lab Lucerne Cantonal Hospital	
7:50 – 7:55	Registration	
7:55 – 8:00	Welcome	<i>L. P. Müller</i>
8:00 – 10:00	Shoulder – Theoretical Part (120 min)	
8:00 – 8:15	My best tip for the correct surgical indication for patients beyond 65	<i>L. P. Müller</i>
8:15 – 8:20	Question & answer	
8:20 – 8:35	Proximal humerus dislocation fractures: tips for repositioning	<i>M. Königshausen</i>
8:35 – 8:40	Question & answer	
8:40 – 8:55	Technical pearls for stable fixation: augmentation possibilities	<i>A. Watts</i>
8:55 – 9:00	Question & answer	
9:00 – 9:15	What I am doing for post-treatment?	<i>A. v. Tongel</i>
9:15 – 9:20	Question & answer	
9:20 – 10:00	Case discussions	<i>K. Wegmann</i>
10:00 – 10:20	Coffee Break	

Saturday – November 16, 2019

10:20 – 10:30	Medartis Implants and Instruments	<i>Medartis</i>
10:30 – 13:00	Shoulder Fractures – Practical Part I (150 min)	
10:30 – 12:00	Case 1: All groups receive a pre-fractured specimen and elaborate the case	<i>All</i>
12:00 – 13:00	Presentation and Discussion Case 1	<i>Groups</i>
13:00 – 14:00	Lunch	
14:00 – 16:30	Shoulder Fractures – Practical Part II (150 min)	
14:00 – 15:30	Case 2: All groups receive a pre-fractured specimen and elaborate the case	<i>All</i>
15:30 – 16:30	Presentation and Discussion Case 2	<i>Groups</i>
16:30 – 16:45	Summary and adjourn	
17:00	Transfer to the hotel	

General Information

Chairmen

Prof. Dr. Lars P. Müller, Cologne, Germany
Prof. Dr. Hermann Krimmer, Ravensburg, Germany
PD. Dr. Kilian Wegmann, Cologne, Germany

Organized by

IBRA - International Bone Research Association, Basel, Switzerland

Registration & Information

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info@ibra.net, website: www.ibra.net

Registration Fees

	1 day	2 days	3 days
IBRA Member	EUR 375	EUR 700	EUR 1000
Non-Member	EUR 750	EUR 1400	EUR 2000

Residents: Letter of acknowledgement is required upon registration

Registration Fee includes

November 14 + 15: Coffee Breaks and Lunch at the „Haus 10“ (Skills Lab)
November 16: Coffee Breaks and Lunch at the Restaurant Feingut (Spitalzentrum)

Registration Deadline

October 14, 2019

General Information

Educational hours

Theoretical Part Hand & Wrist on Thursday, November 14 – 120 min

Practical Part Hand & Wrist on Thursday, November 14 – 300 min

Theoretical Part Elbow on Friday, November 15 – 120 min

Practical Part Elbow on Friday, November 15 – 300 min

Theoretical Part Shoulder on Saturday, November 16 – 120 min

Practical Part Shoulder on Saturday, November 16 – 300 min

Total: 21h

Target audience

Recommended for head of departments and senior surgeons.

Main specialty of the event

An interactive Seminar and hands-on Workshop, addressing trauma and reconstruction of the wrist, elbow and shoulder with representative cases and discussions.

International faculty will apply evidence and present latest innovations in lecture format and surgical demonstration to the participating hand and orthopaedic surgeons.

Expected total number of participants

24

Educational needs

A vital scientific exchange between experts of the subspecialty reaching out for the establishment of refined standards in surgery and further improved treatment for patients has been identified as the specific need of this course level. Opening of new perspectives and a solid sounding board. Testing and possible confirmation of individual ideas through discussion with peer experts.

General Information

Expected educational outcomes

Broadening of spectrum of good practices and their dissemination, Aware of new/improved techniques and methodologies to diagnose, treat and follow-up patients.

Clear description of the nature of the event

Day one focuses on lectures with cases presentations and discussions. Panel discussions analyze cases, followed by „pearls and pitfalls“. Day two provides a hands-on cadaver lab that allows the mutual exchange of personal experience by directed instructions. The interactive course format will engage the participants and highlight the controversy linking lack of evidence and broad range of experience.

Methods to promote active learning

Multimedia presentations; time for question & answer sessions and discussion; cadaver workshop (of pre-fractured specimens) with sharing and discussion of the various cases.

International audience

Yes

Main language of the event

The official event language is English.

Simultaneous translation

No simultaneous translation will be provided.

General Information

Course Format

Since 2011, a multidisciplinary team of trauma surgeons from the University hospital of Cologne, biomechanics from the German Sport University and engineers has been specialised in creating realistic limb injuries of specimens in order to offer surgical training. Together with the University hospital of Cologne the team offers surgeons and orthopaedics practical training courses in which the participants get training on specimens with realistic bony and ligamentous injury patterns. To create these realistic osteoligamentous injuries with intact soft tissues, the team has designed a complex test-bench with multiple technical adaptations.



Compared to established courses on artificial bones or intact specimens, this new concept is designed to challenge advanced surgeons as well.

Before starting the treatment, the participants have to analyse the injury with the help of X-ray and CT imaging. After the fracture classification, the surgeons discuss the approach and realise the surgical treatment. X-ray images help to analyse the result of the treatment of the individual case and it can be discussed by the entire group.

For the indicated body parts elbow and hand, this team is able to create defined, realistic injuries. Further body parts such as shoulder and lower extremities, the team is working constantly to analyse individual sequences of injuries in order to design technical methods and to create realistic injuries.

General Information



Social Dinner

Thursday, November 14, 2019

Time

19:30 h

Venue

Bellini-Locanda Ticinese
Hotel Continental Park
Murbacherstrasse 4
6002 Luzern
www.bellinilocanda.ch

Costs

For all participants - EUR 40 per person, per dinner

Course Location

Skills Lab
Lucerne Cantonal Hospital
6000 Luzern 16

(for taxi, please indicate house no. 10)

General Information

Accommodation

Hotel Continental Park
Murbacherstrasse 4
6002 Luzern, Switzerland
www.continental.ch

Rooms incl. breakfast and VAT are available at CHF 170 per person (plus CHF 4.40).

Distance to Lucerne Skills Lab 15 minutes by coach.

In case you require a hotel room longer than 13. – 15. 11. 2019, or for double occupancy, please write an email to Christina Götze, christina.goetze@ibra.net.

General Information

Methods of Payment

Credit Card

VISA



Master Card



Bank Transfer (EUR)

Account no.

IBAN no.

Clearing no.

SWIFT

Bank J. Safra Sarasin AG, CH-4002 Basel

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Refund Policy

All refunds must be requested in writing to the IBRA Administration Office.

If written notification is received 3 weeks prior to the event, a full refund less a EUR 40 processing fee will be given. If written notification is received 10 days prior to the event, a refund of 50% of the registration fee will be given.

For later notifications, there will be no refunds. Refunds will not be given for non-attendance.

Sponsoring

We thank our major industry partners Medartis and Hologic for contributing in-kind support (material and logistics) without which this event would not be possible.

A special thanks to Medartis for providing an unrestricted educational grant for this event.

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General Information

Disclaimer and Waiver

I understand that the material presented in this educational program (the "Program") has been made available under sponsorship of IBRA (International Bone Research Association) for educational purposes only. This material is not intended to represent the only, nor necessarily the best, method or procedure appropriate for the medical situations discussed, but rather is intended to present an approach, view, statement or opinion of the faculty that may be of interest to others.

As a condition of my participation in the Program, I hereby (i) waive any claim I may have against IBRA and its officers, directors, employees, sponsor, agents, or against the presenters or speakers, for reliance on any information presented in the Program; and (ii) release IBRA, its officers, directors, employees, sponsors and agents, as well as the presenters and speakers, from and against any and all liability for damage or injury that may arise from my participation or attendance at the Program.

I further understand and agree that no reproduction of any kind, including photographs, audiotapes and videotapes, may be made of the Program. All property rights in the material presented, including common law copyright, are expressly reserved to the presenter or speaker or to the IBRA.

IBRA is not responsible for expenses incurred by an individual who is not confirmed and for whom space is not available. Costs incurred by the registrant, such as airline or hotel fees or penalties, are the responsibility of the registrant.

I hereby certify that I am correctly vaccinated against the current diseases which could be transmitted during the dissection workshops. I also certify that my personal insurance company will take in charge the possible injuries and complications that may occur during the dissection workshops. I relieve the organizers from their responsibility concerning any injury and complication that may occur during the workshops.

By registering for the Program, I consent to the conditions of participation set forth above.



The level-1 trauma center is led by Prof. Dr. med. Lars P. Müller, a national and international renowned trauma surgeon with specialty in upper extremity surgery.

Annually more than 250 surgeries focus on the pathologies of the elbow-joint.

Specific indications for elective procedures of the elbow joint are:

- Acute and chronic instability of the elbow (e.g. after dislocation or chronic overuse)
- Fracture dislocation
- Malunion
- Septic joint disease
- Rheumatic disease of the elbow
- Primary and secondary arthritis of the elbow
- Prosthetic replacement of the elbow joint / Total elbow replacement
- Prosthetic replacement of the radial head
- Temporary stabilization with external fixators and dynamic external fixators
- Reconstruction of the medial and lateral collateral ligament with autologous and allogenic transplant
- Congenital deformities
- Post-traumatic correction of deformities and nerve injuries

The institution has established its own cadaver laboratory, which offers the possibility to undertake macro-anatomic and biomechanical studies. Regularly research projects are conducted also in cooperation with external renowned institutes. For example, in cooperation with the Technical University Jülich, 3-D imaging and finite element analyses of the upper extremity and the spine are conducted to investigate biomechanical questions.

Moreover, the institution is part of the “CCMB”, the Cologne Center for Musculoskeletal Biomechanics. The Center was founded in 2013 as a scientific cooperation between the Medical Faculty of the University of Cologne and the German Sport University Cologne and is an interface between basic and clinical research with the purpose of a pragmatic translational research (“From bench to bedside and back”). The research focuses of the CCMB are musculoskeletal injuries and diseases. The center is composed of different institutes from both universities in order to concentrate expertise and to create synergies. The research of the diverse disciplines on musculoskeletal injuries and diseases will be collated complementing each other.

At the department we welcome fellows and exchange scientists on a regular basis. Research fellows from all over the world fulfill their doctorate and commit themselves to further research projects.

The young history of the institution is marked by patient oriented care, high-level surgical procedures and innovative as well as relevant research projects.



IBRA is a financially independent, internationally oriented non-profit organization, for specialized clinicians and research scientists. IBRA's core activity is the future-oriented advancement of bone-tissue research and management focusing particularly on:

- Bone biology, including osteointegration, bone generation and soft tissue reaction
- Maxillofacial and orthopaedic rehabilitation
- Materials research including hardware development
- Biomechanics
- Tissue engineering
- Surgical procedures & clinical management

IBRA encourages the development of innovative solutions in a friendly, loyal atmosphere. Future-oriented open-mindedness and international acceptance form the basis for first-rate assistance in realizing modern research projects and promoting individual careers. As an international forum reaching across geographic and cultural borders, IBRA offers an up-to-date network for the exchange of experience and knowledge in applied bone and tissue research.

History

IBRA was founded in Zurich, Switzerland on September 25, 2004 at the initiative of eighteen forward-looking clinicians. Its primary aims are the exchange of professional knowledge, promotion of new scientific developments, engineering of the musculoskeletal system, coordinated multi-centre research and highly specialized advanced training.

Research Support

IBRA offers financial support for research projects dealing with bone biology and the improvement or development of internal fixation devices for maxillofacial and limbs surgery. With the emphasis on innovation and suitability for practical application, 95% of the research budget goes towards applied research and clinical studies and 5% towards basic research.

Education

IBRA's education area offers clinicians special courses on the application of specific methods of treatment. IBRA's particular concern is to train tomorrow's highly qualified research scientists. IBRA enhances its members' qualifications through a scholarship program.

Notes



A series of 18 horizontal lines for writing notes, set against a background of a green leaf with prominent veins. The lines are evenly spaced and span the width of the central white area.



IBRA – a unique international network in research and continuing education

Our aim is to promote the exchange of professional knowledge, provide highly specialized medical training and encourage research as well as new scientific developments.

Core activities

- Global grid of IBRA Training Centers
- Courses, workshops and webinars
- International scholarship program
- Research grants

IBRA Membership – Your future is in your hands!

Take advantage of our innovative hands-on training courses and connect with like-minded experts worldwide.

IBRA Basic Membership

The gateway to the IBRA affiliation

- Worldwide networking
(Members and Training Centers)
- Regular updates on events
- Access to our database of materials
and recorded webinars
- Free of charge

IBRA Full Membership

Shaping our organization in various functions

All Basic Membership benefits plus:

- Prioritized access to IBRA research grants
and scholarships
- Considerably reduced course fees (50%)
- Voting rights at the General Assembly
- Development opportunities within IBRA
(e.g. speaker, course chair, Training Center)

www.ibra.net/membership

Headquarters

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