IBRA International Bone Research Association

20 Years

Program

IBRA EDUCATION PROGRAM Master

IBRA Master Course

Realistic Treatment in Complex Condylar Fractures - Approaches & Internal Fixation in Pre-fractured Specimens

November 8 – 9, 2024
Basel, Switzerland

Chairperson:
Prof. Dr. Aurelien Louvrier, Besançon, France

Scientific Committee:
Prof. Dr. Christophe Meyer, Besançon, France
Prof. Dr. Dr. Andreas Neff, Marburg, Germany

Foreword

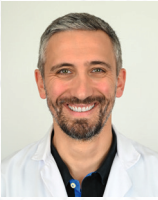
Dear colleagues,

Complex condylar fractures of the mandible remain challenging. Although technical progress has combined specialized 3D-plates with safer surgical approaches, many teams still hesitate to operate on these fractures. However, a growing body of literature clearly shows that open reduction and internal fixation (ORIF) allows for better results.

Decision-making for treatment requires, first, precise analysis of the fracture by X-ray and CT scan; second, an open discussion with the team; and third, strong experience in more than one technique.

The Master Training Course in Basel will focus on exercises in a realistic clinical setting. An intensive theoretical part will be followed by a practical session with pre-fractured specimens. Based on CT and X-ray images, participants will discuss in small groups the best treatment strategy, including tips and tricks provided by their instructors. A complete plate portfolio will be available so that all ORIF strategies can be tried and evaluated, including endoscopically assisted surgery.

The anatomic result will be checked intra-operatively and/or post-operatively by means of X-ray, 3D scans, and/or CT evaluation. Finally, all groups will present their cases and then discuss them together, allowing everyone to benefit from each other‘s experiences. Fruitful exchanges between participants and instructors will be pivotal to this meeting.



Prof. Dr. Aurelien Louvrier

Faculty

Chairperson

Prof. Dr. Aurelien Louvrier, Besançon, France

Scientific Committee

Prof. Dr. Christophe Meyer, Besançon, France
Prof. Dr. Dr. Andreas Neff, Marburg, Germany

Faculty

(in alphabetical order)
Prof. Dr. Dr. Andreas Kolk, Innsbruck, Austria
Prof. Dr. Aurelien Louvrier, Besançon, France
Prof. Dr. Dr. Jean-Christophe Lutz, Strasbourg, France
Prof. Dr. Christophe Meyer, Besançon, France
Prof. Dr. Dr. Andreas Neff, Marburg, Germany
Prof. Dr. Dr. Aleš Vesnaver, Ljubljana, Slovenia

Friday – November 8, 2024

	Location IBRA Institute BioSkills Lab Hochbergerstrasse 60E CH-4057 Basel	
8:10 – 8:30	**Registration**	
8:30 – 8:35	Welcome	*A. Louvrier*
8:35 – 8:45	IBRA Introduction	*IBRA*
8:45 – 10:20	**Theoretical Part I** **Treatment planning in condylar fractures** **(95 min)**	
8:45 – 9:15*	Classification and considerations on indications and treatment options	*A. Neff*
9:15– 9:50*	Clinical assessment and clinical/intraoperative imaging	*A. Louvrier*
9:50 – 10:20*	Biomechanical considerations from the surgeon's point	*Ch. Meyer*
10:20 – 10:50	**Coffee Break**	

*incl. 5 min. questions and answers

Friday – November 8, 2024

10:50 – 12:50	**Theoretical Part II** **Approaches and Osteosynthesis** **(120 min)**	
10:50 – 11:35*	Choice of approaches with regard to fracture type, localization and type of osteosynthesis material – general considerations	*Ch. Meyer*
11:35 – 12:50	**Round table** **Discussion and definition of an...**	***A. Neff***
11:35 – 11:50	...algorithm for base fractures	*all faculty*
11:50 – 12:05	...algorithm for neck fractures	*all faculty*
12:05 – 12:20	...algorithm for head fractures	*all faculty*
12:20 – 12:35	...algorithm for concomitant mandibular and panfacial fractures	*all faculty*
12:35 – 12:50	...algorithm for condylar pediatric fractures	*A. Vesnaver*
12:50 – 13:55	**Lunch**	

*incl. 5 min. questions and answers

Friday – November 8, 2024

	Location IBRA Institute BioSkills Lab Hochbergerstrasse 60E CH-4057 Basel	
13:55 – 18:15	**Practical Part I** **with prefractured Specimens** **(260 min)**	
13:55 – 14:00	Relocation to IBRA BioSkills Lab	*all*
14:00 – 14:15	Product introduction (Tips and tricks)	*Medartis*
14:15 – 18:15	Each group receives a pre-fractured specimen and elaborates the case	*all*
18:15 – 18:30	Conclusions and adjourn	*A. Louvrier*
19:30	**Networking Dinner**	

IBRA International Bone Research Association

IBRA Virtual Campus

Flexible, self-paced learning for busy healthcare professionals

The IBRA Virtual Campus features:

✓ Recorded webinars
✓ Online courses
✓ Instructional videos
✓ Scientific articles
✓ Case discussions

Virtual Campus

All IBRA Members enjoy access to the Virtual Campus through the member area.

Not part of our affiliation yet?

Join us today and take advantage of the benefits of the IBRA Basic Membership:

- Worldwide networking
- Regular updates on events
- Access to the Virtual Campus
- Free of charge

IBRA Virtual Campus:

Saturday – November 9, 2024

	Location IBRA Institute BioSkills Lab Hochbergerstrasse 60E CH-4057 Basel	
7:30 – 10:00	**Practical Part II** **with prefractured Specimens** **(150 min)**	
7:30 – 8:00	Optional: finalizing of cases	*all*
8:00 – 10:00	Demonstration of selected approaches, tips and tricks, discussion and free swim	*all*
10:00 – 10:30	**Coffee Break**	
10:30 – 12:10	**Practical Part III** **(100 min)**	
10:30 – 11:00	Finalization of case presentations	*all*
11:00 – 12:10	Group presentations (each group 5 min)	*all*
12:10 – 13:40	**Lunch**	

Saturday – November 9, 2024

13:40 – 15:20	**Practical Part IV (100 min)**	
13:40 – 15:10	Discussion of selected cases elaborated during the workshop	*all*
15:10 – 15:20	Review and questions	*A. Louvrier*
15:20 – 15:25	**Conclusion and adjourn**	***A. Louvrier***

General Information

Chairperson

Prof. Dr. Aurelien Louvrier, Besançon, France

Scientific Committee

Prof. Dr. Christophe Meyer, Besançon, France

Prof. Dr. Dr. Andreas Neff, Marburg, Germany

Organization

IBRA - International Bone Research Association, Basel, Switzerland

Registration & Information

IBRA Administration Office
Hochbergerstrasse 60E, CH-4057 Basel
Phone: +41 (0)61 319 05 05
info@ibra.net, www.ibra.net

Registration Fees incl. Tax

IBRA Full Member	EUR 820
Non- / Basic Member (IBRA)	EUR 1640

Registration Fee includes

November 8 – 9: Lunch and Coffee Breaks

Registration for Workshop only: not possible!

Networking Dinner: not included

Networking Dinner

Costs: EUR 45 per person

Registration Deadline

October 11, 2024

General Information

Educational hours

Theoretical Part on Friday, November 8 – 215 min

Practical Part on Friday, November 8 – 260 min

Practical Part on Saturday, November 9 – 350 min

Total: 13,75 h

Target audience

Recommended for senior surgeons and department heads.

Main specialty of the event

An interactive seminar and hands- on workshop, addressing trauma and reconstruction with representative cases and discussions. Latest innovations and trends are presented both in theoretical discussions and surgical demonstrations. Practical exercises are designed as close as possible to realities in the operating room (pre-operative discussion of the case, use of pre-fractured or deformed specimen).

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.

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.

General Information

Nature of the event

Empasis is put on case presentations and discussions. Panel discussions analyze operative challenges, followed by „pearls and pitfalls“. Most part of the day focuses on hands-on cadaver lab starting with a preoperative planning based on radiologic findings. The inter-active 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 language is English.

Simultaneous translation

No simultaneous translation will be provided.

General Information

Venue

IBRA Institute
BioSkills Lab
Hochbergerstrasse 60E
CH-4057 Basel

Accommodation

Essential by Dorint Basel City
Schönaustrasse 10
CH-4058 Basel

Room Rate

CHF 159.00 per night* in Essential Room (single occupancy)

CHF 179.00 per night* in Superior Room (single occupancy)

Including breakfast

*additional city tax of CHF 4.00 per person per day must be added

Networking Dinner

Friday, November 8, 2024

Volkshaus Basel
Rebgasse 12-14
CH-4058 Basel

Time

19:30 h

For all participants – EUR 45 per person

General Information

Registration and Confirmation

All registrations are confirmed by e-mail. If you have not received a confirmation prior to your departure for this course, please contact us.

Refund Policy

All refunds must be requested by email (info@ibra.net) to the IBRA Administration Office. If IBRA receives it 3 weeks prior to the event, a full refund will be given. If IBRA receives it 10 days prior to the event, a refund of 50% of the registration fee will be given. No refunds will be given for later notifications or non-attendance.

Please note: The course fee will be fully refunded in case of cancellations due to Pandemic-related regulations and restrictions imposed by regional or national authorities.

Sponsoring

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

A special thanks to Medartis for providing unrestricted financial support for this event.

IBRA would like to make the participants of this course aware that there is a variety of different similar products available on the market beyond the ones provided at this particular event.

IBRA Institute

BioSkills by IBRA International Bone Research Association

Empowering through excellence in medical education.

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 herby 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.

IBRA International Bone Research Association

IBRA is an 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

IBRA International Bone Research Association

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

IBRA
International Bone Research Association
Hochbergerstrasse 60E
CH-4057 Basel
Phone +41 61 319 05 05
Fax +41 61 319 05 19
info@ibra.net
www.ibra.net

North America

IBRA North America, Inc.
Four Tower Bridge
200 Barr Harbor Drive, Suite 400
PMB# 9097
West Conshohocken, PA 19428
Phone +1 610 357 7024
info@ibra.net
www.ibra.net