IBRA International Bone Research Association

Program



IBRA Master Course

Realistic Treatment in Complex Condylar Fractures

Approaches & Internal Fixation in Pre-fractured Specimens

March 17 – 18, 2022
Besançon, France

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

Foreword

Dear colleagues,

Complex condylar fractures of the mandible still remain challenging.

Despite the technical progress combining speciallized 3D-plates and safer surgical approaches, many teams still hesitate to operate on these fractures even though a growing literature on the subject 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, secondly an open discussion with the team and thirdly a strong experience in more than one technique.

The Master Training Course in Besançon will focuse 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 will discuss in small groups the best treatment strategy including tips and tricks given by their instructors. The complet plate portfolio of Medartis will be available so that all the ORIF strategies can be tried and evaluated, including endoscopically assisted surgery. Intra- and/or post-operatively, the anatomic result will be checked by mean of cone beam evaluation. Finally, all groups will present their cases and discuss then together, which allows to profit from the experiences made by each other. Fruitful exchanges between participants and instructors will be the master word of this meeting.

We look forward to welcoming you in Besançon to a memorable and interactive event.



Prof. Dr. Christophe Meyer



Prof. Dr. Dr. Andreas Neff

Faculty

Chairpersons

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

Faculty
(in alphabetical order)

Prof. Dr. Dr. Andreas Kolk, Innsbruck, Austria
Prof. Dr. Dr. Constantin Landes, Offenbach, Germany
Dr. Aurélien Louvrier, Besançon, France
Dr. Jean-Christophe Lutz, Strasbourg, France
Prof. Dr. Christophe Meyer, Besançon, France
Prof. Dr. Dr. Andreas Neff, Marburg, Germany
Ralf Schumacher, Medartis, Basel, Switzerland

Under patronage

SOCIÉTÉ FRANÇAISE
DE STOMATOLOGIE
CHIRURGIE MAXILLO FACIALE
& CHIRURGIE ORALE

Association
Francaise
des Jeunes
Chirurgiens
Maxillo-Faciaux
AFJCMF

Thursday – March 17, 2022

	Location Anatomical Laboratory of the Medical Faculty of Besançon, France 20, rue Ambroise Paré 25030 Besançon cedex	
7:00	**Transfer to the Anatomy**	
7:30 – 8:00	**Registration**	
8:00 – 8:05	Welcome from the Chairpersons	*Ch. Meyer* *A. Neff*
8:05 – 8:10	IBRA Introduction	*IBRA*
8:10 – 9:50	**Session I – Theoretical Part I** **Treatment planning in condylar fractures** **(100 min)**	
8:10 – 8:30	Clinical assessment and clinical imaging	*A. Louvrier*
8:30 – 8:55	Classification and considerations on indications and treatment options	*A. Neff*
8:55 – 9:20	Biomechanical considerations from the surgeon's point of view	*Ch. Meyer*
9:20 – 9:50	Question & answer	*all*
9:50 – 10:15	**Coffee Break**	

Thursday – March 17, 2022

10:15 – 12:00	**Session II – Theoretical Part II Approaches and Osteosynthesis (105 min)**	
10:15 – 11:00	Choice of approaches with regard to fracture type, localization and type of osteosynthesis material – general considerations	*Ch. Meyer*
11:00 – 12:00	**Round table Discussion and definition of an...**	***A. Neff***
11:00 – 11:15	...algorithm for base fractures	*all faculty*
11:15 – 11:30	...algorithm for neck fractures	*all faculty*
11:30 – 11:45	...algorithm for head fractures	*all faculty*
11:45 – 12:00	...algorithm for concomitant mandibular and panfacial fractures	*all faculty*
12:00 – 13:30	**Lunch**	

Thursday – March 17, 2022

	Location Anatomical Laboratory of the Medical Faculty of Besançon, France 20, rue Ambroise Paré 25030 Besançon cedex	
13:30 – 13:45	Product introduction (Tips and tricks)	*Medartis*
13:45 – 18:00	**Session III – Practical Part I with prefractured Specimens (255 min)**	
13:45 – 17:45	Each group receives a pre-fractured specimen and elaborates the case	*all*
17:45 – 18:00	Conclusions and adjourn	*Ch. Meyer* *A. Neff*
18:00	**Transfer back to the Hotel**	
19:30	**Networking Dinner**	

Friday – March 18, 2022

8:30	**Transfer to the Anatomy**	
9:00 – 12:00	**Session IV – Practical Part II** **Xoran xCAT / Amplifon based presentation of the cases** **(180 min)**	
9:00 – 9:30	Finalization of case presentations	*all*
9:30 – 9:45	Group 1 – presentation and discussion	*Expert 1 and Group*
9:45 – 10:00	Group 2 – presentation and discussion	*Expert 2 and Group*
10:00 – 10:15	Group 3 – presentation and discussion	*Expert 3 and Group*
10:15 – 10:30	Group 4 – presentation and discussion	*Expert 4 and Group*
10:30 – 10:45	Group 5 – presentation and discussion	*Expert 5 and Group*
10:45 – 11:00	Group 6 – presentation and discussion	*Expert 6 and Group*
11:00 – 11:15	Review and open questions	*Ch. Meyer* *A. Neff*
11:15 – 12:00	3D-techniques in traumatology and reconstruction Medical and technical point of view	*R. Schumacher* *A. Louvrier* *Ch. Meyer*
12:00 – 13:30	**Lunch**	

Friday – March 18, 2022

	Location Anatomical Laboratory of the Medical Faculty of Besançon, France 20, rue Ambroise Paré 25030 Besançon cedex	
13:30 – 15:30	**Session V – Practical Part III** **(120 min)**	
13:30 – 15:30	Presentation of selected approaches, tips and tricks discussion and free swim	*all*
15:30 – 15:45	**Adjourn**	

General Information

Chairpersons

Prof. Dr. Christophe Meyer, Head of Department, Besançon, France
Prof. Dr. Dr. Andreas Neff, Head of Department, 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, Fax: +41 (0)61 319 05 19
info@ibra.ch, Website: www.ibra.ch

Registration Fees incl. Tax

IBRA Full Member	EUR 775
Non- / Basic Member (IBRA)	EUR 1550

Registration Fee includes

March 17 – 18: Lunch and Coffee Breaks at Medical Faculty of Besançon

Registration for Workshop only: not possible!

Networking Dinner: not included

Networking Dinner

Costs: EUR 40 per person

Registration Deadline

February 21, 2022

General Information

Educational hours

Theoretical Part on Thursday, March 17 – 205 min

Practical Part on Thursday, March 17 – 255 min

Practical Part on Friday, March 18 – 300 min

Total: 12,75 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

Anatomical Laboratory of
the Medical Faculty of
Besançon, France
20, rue Ambroise Paré
25030 Besançon cedex



Accommodation

Hotel de Paris
33 Rue des Granges
25000 Besançon
Phone: +33 3 81 81 36 56
http://www.besanconhoteldeparis.com

Pricing: EUR 99 - 155 per night, incl. breakfast (excl. tourism tax)

Booking: directly via mail to using the code IBRA

contact@besanconhoteldeparis.com

Deadline: February 23, 2022

Networking Dinner

Friday, March 17, 2022

Time

19:30 h

For all participants – EUR 40 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 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.

General Information

Transportation

Transfer service will be provided between the anatomy and the hotel.

Support

The total cost of the event will be covered by membership fees, course fees and IBRA‘s own funds. We would like to thank our industry partners Medartis, Xoran xCAT / Amplifon and Nouvag 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.

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 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

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

Administration Office

IBRA
International Bone Research Association
North America, Inc.
224 Valley Creek Boulevard, Suite 100
Exton, PA 19341
info@ibra.net
www.ibra.net