IBRA International Bone Research Association

Program

IBRA EDUCATION PROGRAM Master

IBRA Master Course

Realistic Treatment of Hand, Wrist and Elbow Fractures

May 28 – 29, 2021
Miami, FL, USA

Chairmen:
Dr. Alejandro Badia, Miami, FL, USA
Professor Dr. Rainer Meffert, Würzburg, Germany

Foreword

Dear colleagues,

Complex articular fractures of the distal radius and the elbow still remain challenging. Decision making for treatment requires precise analysis of the fracture by X-ray and CT-scan. The Master Training Course in Miami 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 the best treatment strategy including tips and tricks given by their instructors in small groups. 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 everybody to profit from each others experiences.

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

Alejandro Badia
Miami, FL, USA

Rainer Meffert
Würzburg, DE

Faculty

Chairmen

Dr. Alejandro Badia
Founder/Chief Medical officer , OrthoNOW®
Hand and Upper limb surgeon, Badia Hand to Shoulder Center Miami, FL, USA

Professor Dr. Rainer Meffert
Director of the Surgery Department II Clinic and Policlinic for Trauma, Hand, Plastic and Reconstructive Surgery University Hospital Würzburg, DE
IBRA President

Faculty
(in alphabetical order)

Dr. Alejandro Badia, Miami, FL, USA

Dr. Roy Cardoso, Miami, FL, USA

Dr. Antonio Tufi Neder Filho, Belo Horizonte, BR

Dr. William Geissler, Jackson, MS, USA

Professor Rames Mattar Júnior, São Paulo, BR

Professor Dr. Rainer Meffert, Würzburg, DE

Dr. Carlos Rueda, Bogotá, CO

Matthias Walter, IBRA, Basel, CH

Friday – May 28, 2021

7:10 am	**Bus transfer to the Miami Anatomical Research Center (MARC)**	
7:30 – 7:50 am	Registration	
7:50 – 7:55 am	Welcome	*A. Badia* *R. Meffert*
7:55 – 8:00 am	IBRA Introduction	*J. M. Vázquez*
8:00 – 10:00 am	**Hand and Wrist – Theoretical Part (120 min)**	***A. Badia***
8:00 – 8:10	Superimposed stresses	*M. Walter*
8:10 – 8:15	Questions & Answers	
8:15 – 8:25	Decision making in complex fractures	*R. Meffert*
8:25 – 8:30	Questions & Answers	
8:30 – 8:40	Troublesome lunate facet	*R. Cardoso*
8:40 – 8:45	Questions & Answers	
8:45 – 8:55	Fracture-specific plate selection	*R. Mattar*
8:55 – 9:00	Questions & Answers	
9:00 – 9:10	Associated lesions	*C. Rueda*
9:10 – 9:15	Questions & Answers	
9:15 – 9:25	Pittfalls and Solutions	*A. Badia*
9:25 – 9:30	Questions & Answers	
9:30 – 10:00	Case discussion	*All*
10:00 – 10:20	**Coffee Break**	

Friday – May 28, 2021

10:20 – 10:30	Implants and instruments information	*Medartis*
10:30 – 1:00 pm	**Hand Fractures Practical Part (150 min)**	
10:30 – 12:00	Case 1: Each group receives a pre-fractured specimen and elaborates the case	*All*
12:00 – 1:00	Presentation and discussion Case 1	*Groups*
1:00 – 2:00 pm	**Lunch**	
2:00 – 4:30 pm	**Wrist Fractures Practical Part (150 min)**	
2:00 – 3:30	Case 2: Each group receives a pre-fractured specimen and elaborates the case	*All*
3:30 – 4:30	Presentation and discussion Case 2	*Groups*
4:30 – 5:00	Summary and adjourn	
5:00	Bus transfer to the hotel	
7:30 pm	**Networking Dinner**	

Saturday – May 29, 2021

7:30 am	**Bus transfer to the Miami Anatomical Research Center (MARC)**	
7:50 – 7:55 am	**Registration**	
7:55 – 8:00 am	**Welcome**	
8:00 – 10:00 am	**Elbow – Theoretical Part (120 min)**	
8:00 – 8:10	Distal humerus fracture ORIF: Approach and reduction technique, fixation	*W. Geissler*
8:10 – 8:15	Questions & Answers	
8:15 – 8:30	Radial head fracture ORIF: Approach and reduction technique, fixation	*tbd*
8:30 – 8:35	Questions & Answers	
8:35 – 8:50	Coronoid fracture ORIF: Approach and reposition technique, fixation	*A. Tufi*
8:50 – 8:55	Questions & Answers	
8:55 – 9:10	Monteggia lesion ORIF: Algorithm	*R. Meffert*
9:10 – 9:15	Questions & Answers	
9:15 – 10:00	Case discussion	*All*
10:00 – 10:20 am	**Coffee Break**	

Saturday – May 29, 2021

10:20 – 10:30	Implants and instruments information	*Medartis*
10:30 – 1:00 pm	**Elbow Fractures Practical Part (150 min)**	
10:30 – 12:00	Case 3: Each group receives a pre-fractured specimen and elaborates the case	*All*
12:00 – 1:00	Presentation and discussion Case 3	*Groups*
1:00 – 1:30	Summary and Adjourn	
1:30 – 2:30 pm	**Lunch**	

General Information

Chairmen

Dr. Alejandro Badia
Founder/Chief Medical officer , OrthoNOW®
Hand and Upper limb surgeon, Badia Hand to Shoulder Center Miami, FL, USA

Professor Dr. Rainer Meffert
Director of the Surgery Department II Clinic and Policlinic for Trauma, Hand, Plastic and Reconstructive Surgery University Hospital Würzburg, DE
IBRA President

Organized by

IBRA - International Bone Research Association, Basel, Switzerland

Registration & Information

IBRA Administration Office
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Phone: +41 (0)61 319 05 05, Fax: +41 (0)61 319 05 19
info@ibra.net, website: www.ibra.net

Registration Fees incl. Tax

	Combined	Hand/Wrist	Elbow
IBRA Full Member	USD 900	USD 450	USD 450
Non- / Basic Member (IBRA)	USD 1700	USD 900	USD 900

Registration Deadline

May 14, 2021

General Information

Educational hours

Theoretical Part Hand & Wrist on Friday, May 28 – 120 min
Practical Part Hand & Wrist on Friday, May 28 – 300 min

Theoretical Part Elbow on Saturday, May 29 – 120 min
Practical Part Elbow on Saturday, May 29 – 300 min

Total: 13,75h

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 languages are English/Spanish.

Simultaneous translation

No simultaneous translation will be provided.

Sunshine Act Reporting

In compliance with federal and state laws, including the Physician Payment Sunshine Act, all attendee meeting expenses will be reported to the U.S. government as in-kind payment such as course fees, shuttle, actual cost of meals. AdvaMed guidelines also prohibit spouses or guests from participating in dinners and/or meal functions.

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 specialized 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 receive 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 analyze the injury with the help of X-ray and CT imaging. After the fracture classification, the surgeons discuss the approach and realize the surgical treatment. X-ray images help to analyze 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 analyze individual sequences of injuries in order to design technical methods and to create realistic injuries.

General Information

Meeting Venues

Miami Anatomical Research Center (MARC)
8850 N.W. 20th Street, Miami, Florida 33172
Phone: +1 305 716 0966
www.marctraining.com

Accommodation

Further information will follow soon

Networking Dinner

May 28, 2021, 7:00 pm

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 and GE 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.

General Information

Method of Payment

The following methods of payment are accepted:

Bank Transfer (USD)	Bank J. Safra Sarasin AG, CH-4002 Basel
Account no.	6010055.4002
IBAN no.	CH87 0875 0060 1005 5400 2
Clearing no.	8750
SWIFT	SARACHBB

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 (info@ibra.net). If written notification is received 15 days or more prior to the event, a full refund less a USD 40 processing fee will be given. If written notification is received 10 - 14 days prior to the event, a refund of 50% of the registration fee will be given. For notifications less than 10 days prior, there will be no refunds. Refunds will not be given for non-attendance.

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

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.

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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

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