IBRA International Bone Research Association

Program

IBRA EDUCATION PROGRAM Master

IBRA Master Course

Master Teaching Masters: Realistic Treatment of Elbow Fractures

March 30 – 31, 2022
Sydney, Australia

Chairpersons:
Dr. Jeffery Hughes, Sydney, Australia
Prof. Greg Bain, Adelaide, Australia

Foreword

Dear colleagues,

Complex articular fractures of 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 Sydney 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 Sydney to practically oriented days full of interesting discussions with pre-fractured specimens.

Jeffrey Hughes

Gregg Bain

Faculty

Chairpersons

Dr. Jeffery Hughes, Sydney, AUS

Prof. Greg Bain, Adelaide, AUS

Faculty

(in alphabetical order)

Dr. Steve Andrews, Brisbane, AUS

Prof. Greg Bain, Adelaide, AUS

Dr. Ed Bateman, Newcastle, AUS

Dr. Maurizio Damiani, Canberra, AUS

Dr. Ben East, Newcastle, AUS

Associate Prof. Dr. Eugene Ek, Melbourne, AUS

Dr. Jeffery Hughes, Sydney, AUS

Prof. Lars P. Müller, Cologne, DE

Wednesday – March 30, 2022

	Location Market Room QT Hotel Sydney 49 Market Street Sydney NSW 2000	
17:15 – 17:30	**Registration**	
17:30 – 17:40	Welcome & IBRA Introduction	*J. Hughes* *G. Bain*
17:40 – 17:55	**Session I** **(15 min)**	
17:40 – 17:55	Distal Humerus Fractures	*B. East*
17:55 – 18:25	**Entree**	
18:25 – 18:55	**Session II** **(30 min)**	
18:25 – 18:40	Coronoid Fractures	*M. Damiani*
18:40 – 18:55	Radial Head Fractures	*S. Andrews*
18:55 – 19:40	**Main Course**	
19:40 – 20:35	**Session III** **(55 min)**	
19:40 – 19:55	Trans-Olecranon fractures	*E. Ek*
19:55 – 20:15	Complex Cases	*E. Bateman*
20:15 – 20:35	Complex Cases	*L. P. Müller*
20.35	**Dessert**	

Thursday – March 31, 2022

	Location Sydney University of Technology 15 Broadway Ultimo NSW 2007	
7:10	Bus tranfer from Hyatt Regency Sydney, 161 Sussex St, Sydney NSW 2000 to Sydney University of Technology, 15 Broadway, Ultimo NSW 2007	
7:20 – 7:30	**Breakfast & Registration**	
7:30 – 7:40	Welcome & Workshop Introduction	*J. Hughes* *G. Bain*
7:40 – 7:50	**Preparation for the practical part**	
7:50 – 8:00	Introduction implants and instruments	*Medartis*
8:00 – 10:00	**Practical Part I** **(120 min)**	
8:00 – 8:15	Pre-operative planning	*All*
8:15 – 9:00	Difficult fracture treatment with pre-fractured specimens in a group of 4 participants	*All*
9:00 – 10:00	Group presentations and discussion	*All*
10:00 – 10:10	**Coffee Break**	

Thursday – March 31, 2022

10:10 – 12:10	**Practical Part II (120 min)**	
10:10 – 10:25	Pre-operative planning	*All*
10:25 – 11:10	Difficult fracture treatment with pre-fractured specimens in a group of 4 participants	*All*
11:10 – 12:10	Group presentations and discussion	*All*
12:10 – 12:20	Closing Remarks	*J. Hughes* *G. Bain*
12:00 – 12:30	Bus transfer to SESA Conference	

General Information

Chairpersons

Dr. Jeffery Hughes, Sydney, AUS
Prof. Greg Bain, Adelaide, AUS

Organized by

IBRA - International Bone Research Association, Basel, Switzerland

Registration & Information

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

Registration Fees incl. Tax

IBRA Full Member	USD 425
Non- / Basic Member (IBRA)	USD 850

Registration Fee includes

March 30 + 31: Catering, Bus tranfer

Registration for Workshop only: not possible!

Registration Deadline: February, 28, 2022

General Information

Educational hours

Theoretical Part on Wednesday, March 30 – 100 min

Practical Part on Thursday, March 31 – 240 min

Total: 5,5 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

Each day starts with cases 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 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 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 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 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

Venues

Wednesday, March 30

Market Room
QT Hotel Sydney
49 Market Street
Sydney NSW 2000

Thursday, March 31

Sydney University of Technology
15 Broadway
Ultimo NSW 2007

Accommodation

Hyatt Regency Hotel Sydney 161 Sussex St
Sydney NSW 2000
Phone: +61 2 8099 1234

The hotel listed above is only a recommendation. IBRA does not hold room allotments. Please make your own reservations if necessary. The course on Wednesday, March 30 is within walking distance of this hotel. For the course on Thursday, March 31 will be a bus transfer to the lab starting in front of this hotel.

Bus tranfer

Thursday, March 31
7:10

Hyatt Regency Sydney, 161 Sussex St, Sydney NSW 2000
to
Sydney University of Technology, 15 Broadway, Ultimo NSW 2007

General Information

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 USD 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.

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.

Sponsoring

We thank our major industry partner Medartis 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

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.

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-todate 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.

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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