IBRA International Bone Research Association

Program

IBRA GOLD EDUCATION PROGRAM
Elbow

Recommended for head of departements and senior surgeons

First IBRA Master Training Course

Realistic Treatment of Elbow Fractures

October 14, 2017

University of Technology Sydney, Australia

Chairmen:

Dr. Jeffery Hughes, Sydney, Australia
Prof. Dr. Lars P. Müller, Cologne, Germany

Foreword

Dear colleagues,

Within the last decade, a number of “new” potential OR indications have been developed for pathologies around the elbow joint. These include arthroscopic and (hemi)-prosthetic options. Considering short-term results especially of the partial and full prosthetic treatments of elbow pathologies, it is obvious that our ultimate goal should be the anatomical and biological reconstruction of the bony and ligamentous injury. Artificial joint elements should be avoided if possible.

Besides the new developments in the field of osteosynthesis techniques, the reconstruction of soft tissue injuries, especially the ligamentous injuries, play a major role with regard to the elbow joint.

In the context of the current course concept with fracture production on the soft tissue intact specimens, we address the bony stabilization techniques and possibilities of soft tissue reconstruction.

We look forward to welcoming you at the University of Technology, Sydney to a full day of practically oriented interesting discussions with pre-fractured specimens.

Dr.
Jeffery Hughes

Prof. Dr.
Lars P. Müller

General Information

Chairmen

Dr. Jeffery Hughes, Sydney, AUS
Prof. Lars P. Müller, Cologne, DE

Faculty
(in alphabetical order)
Prof. Greg Bain, Adelaide, AUS, greg@gregbain.com.au
Dr. Ed Bateman, Newcastle, AUS, office@cosi.com.au
Associate Prof. Dr. Eugene Ek, Melbourne, AUS, eugene_ek@me.com
Dr. Jeffery Hughes, Sydney, AUS, jeffhughes@me.com
Prof. Dr. Lars P. Müller, Cologne, DE, lars.mueller@uk-koeln.de
Associate Prof. Mark Ross, Brisbane, AUS, mroffice@upperlimb.com

Saturday – October 14, 2017

06:50 – 07:00	**Check out and meet in the hotel lobby**	
07:00 – 07:15	**Travel to lab**	
07:15 – 07:45	**Breakfast at the lab**	
07:45 – 08:00	**Registration**	
08:00 – 08:05	**Welcome**	***J. Hughes***
08:05 – 08:20	Medartis Technology	*H. Stavarakis*
08:20 – 08:35	Fracture simulator – a story from Cologne	*L. P. Müller*
08:35 – 10:35	**Elbow Fractures Theoretical Part**	***L. P. Müller***
08:35 – 08:55	Anatomy imaging and surgical approaches in elbow trauma.	*M. Ross*
08:55 – 09:15	Distal humerus fractures	*E. Bateman*
09:15 – 09:35	Proximal ulna fractures	*E. Ek*
09:35 – 09:55	Radial head fractures	*G. Bain*
09:55 – 10:15	Coronoid fractures	*L. P. Müller*
10:15 – 10:35	Terrible triad	*J. Hughes*
10:35 – 11:00	**Coffee Break**	

Saturday – October 14, 2017

11:00 – 11:10	**Move to lab and change**	
11:10 – 17:15	**Elbow Fractures Practical Part**	***J. Hughes***
11:10 – 11:20	Medartis Implants and instruments	*Medartis*
11:20 – 12:50	Case 1: All groups (instructor and 4 participants) receive a fractured specimen and x-ray/CT and elaborate the case in the group	*All*
12:50 – 13:50	Presentation und Discussion case 1	*Groups*
13:50 – 14:30	**Lunch**	
14:30 – 16:00	Case 2: All groups (instructor and 4 participants) receive a fractured specimen and x-ray/CT and elaborate the case in the group	*All*
16:00 – 17:00	Presentation und Discussion case 2	*Groups*
17:00 – 17:15	Summary and adjourn	*J. Hughes*

General Information

Organized by

IBRA - International Bone Research Association, Basel/Switzerland

Registration & Information

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

Contact Details Registration:
If you would like to register, please contact:
Aisha Majid at aisha.majid@medartis.com

Registration Price

AUS $750.00

Venue:

University of Technology Sydney
Surgical and Anatomical Science Facility
15 Broadway, Ultimo NSW 2007

General Information

Methods of Payment

Credit Card VISA Master Card

Bank Transfer (EUR)	Bank J. Safra Sarasin AG, CH-4002 Basel
Account no.	6010055.4001
IBAN no.	CH17 0875 0060 1005 5400 1
Clearing no.	8750
SWIFT	SARACHBB

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 AUS $ 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

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

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.

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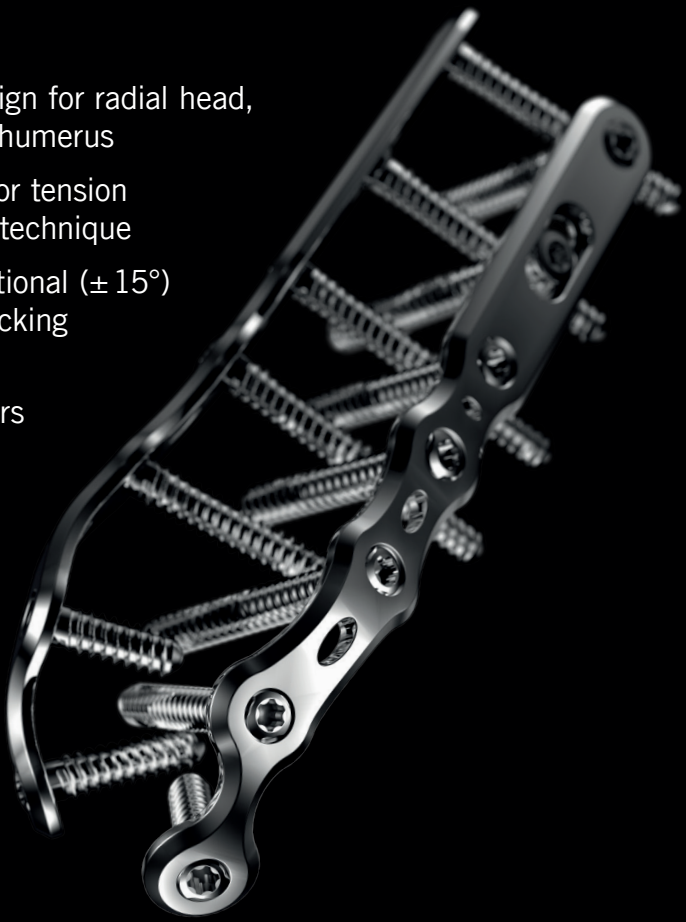

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