IBRA International Bone Research Association

Program

IBRA EDUCATION PROGRAM
Master

Recommended for head of departments and senior surgeons

IBRA Master Course

Realistic Treatment of Elbow Fractures

October 30 – 31, 2018
Perth, Australia

Chairmen:
Dr. Jeffery Hughes, Sydney, Australia
PD Dr. Kilian Wegmann, 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 in Perth to a full day of practically oriented interesting discussions with pre-fractured specimens.

Dr. Jeffery Hughes

PD Dr. Kilian Wegmann

General Information

Chairmen

Dr. Jeffery Hughes, Sydney, AUS
PD Dr. Kilian Wegmann, 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. Adam C. Watts Wrightington, UK, adamcharleswatts@gmail.com
PD Dr. Kilian Wegmann, Köln, DE, kilian.wegmann@uk-koeln.de

Tuesday – October 30, 2018

4:00 – 4:25 pm	**Registration**	
4:25 – 4:30 pm	**Welcome**	***J. Hughes***
4:30 – 7:00 pm	**Elbow Fractures Theoretical Part (150 min)**	***K. Wegmann***
4:30 – 4:40	Fracture simulator – a story from Cologne	*K. Wegmann*
4:40 – 4:50	Anatomy imaging and surgical approaches in elbow trauma	*A. Watts*
4:50 – 5:00	Distal humerus fractures	*E. Bateman*
5:00 – 5:10	Proximal ulna fractures	*E. Ek*
5:10 – 5:20	Radial head fractures	*G. Bain*
5:20 – 5:30	Coronoid fractures	*K. Wegmann*
5:30 – 5:40	Terrible triad	*J. Hughes*
5:40 – 7:00	Discussion	*All*
7:30 – 10:00 pm	**Social Dinner**	

Wednesday – October 31, 2018

6:30 – 6:45 am	**Board bus – in front of Crowne Promenade Perth**	
6:45	**Bus transfer from Crowne Promenade to CTEC lab**	
7:15 – 7:20	Welcome	*J. Hughes*
7:20 – 7:30	Medartis Implants and Instruments	*Medartis*
7:30 – 9:30 am	**Elbow Fractures Practical Part I (120 min)**	***J. Hughes***
7:30 – 8:45	Case 1: each group receives a fractured specimen and elaborates the case	*All*
8:45 – 9:30	Presentation and discussion case 1	*Groups*
9:30 – 10:00 am	**Morning Tea**	
10:00 – 12:00 am	**Elbow Fractures Practical Part II (120 min)**	***J. Hughes***
10:00 – 11:15	Case 2: each group receives a fractured specimen and elaborates the case	*All*
11:15 – 12:00	Presentation and discussion case 2	*Groups*
12:00 – 12:15	Summary and adjourn	*J. Hughes*

General Information

Chairmen:

Dr. Jeffery Hughes, Sydney, Australia
PD Dr. Kilian Wegmann, Cologne, Germany

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:
Maria Clancy maria.clancy@medartis.com

Registration Price

AUS $750.00

Registration Deadline

September 30, 2018

General Information

Educational hours

Theoretical Part on Tuesday, October 30 - 150 min
Practical Part I on Wednesday, October 31 - 120 min
Practical Part II on Wednesday, October 31 - 120 minn

Total: 6,5h

Target audience

Recommended for head of departments and senior surgeons.

Main specialty of the event

An interactive seminar and hands-on workshop, addressing trauma and reconstruction with representative cases and discussions. International faculty present latest innovations and trends both in lectures and surgical demonstrations to the participating senior surgeons.

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 perpsectives 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

Clear description of the nature of the event

Day one focuses on lectures with cases presentations and discussions. Panel discussions analyze cases, followed by „pearls and pitfalls“. Day two provides a hands-on cadaver lab that allows the mutual exchange of personal experience by directed instructions. The interactive 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 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

Social Dinner

Tuesday, October 30, 2018

Time

7:30 pm

Rockpool Bar & Grill
Crown Perth
Burswood WA 6100
http://www.rockpoolbarandgrill.com.au/perth/home/

For all participants - costs included in the course fee

Course Location

Seminar

Tuesday, 30 October 2018 4:00 pm – 7:00 pm

Studio 2 - The Studios
Level 2
Crown Theatre
Burswood WA 61000

Practical Part

Wednesday, 31 October 2018 7:15 am – 12:15 am

Clinical Training and Evaluation Centre (CTEC)
Entrance No. 2
Hackett Drive
Crawley WA 6009

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

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.

Notes

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