IBRA International Bone Research Association

Program

IBRA Master Course

Realistic Treatment of Distal Radius Fractures Applying Arthroscopic Techniques to Prefractured Specimens

August 15, 2021
Perth, Australia

Chairpersons:
Dr. Jeff Ecker, Claremont, Australia
Dr. Angus Keogh, Perth, Australia

Foreword

Dear colleagues,

This course represents a new generation in interactive learning of state-of-the-art techniques for the new generation surgeon. This course is aimed at the progressive surgeon who wants to understand the pathoanatomy of the injury and apply new techniques to stabilise the fractures and instability of the wrist.

The course will begin with a short lecture series on new techniques of management of wrist injuries. We are most fortunate to have “pre-fractured specimens”, with CT images of the fracture. The attendees will work in small interactive groups, to assess the zones of injury, and surgical management. The same group will then perform arthroscopy to further assess the injury pattern. With percutaneous and mini-open surgical techniques, the participants will stabilise the fracture and the joint. Each group will present their case, with the pre-fractured CT’s, arthroscopic photos / videos, operative photos and final fluoroscopic images. Sharing the trials, tribulations and triumphs with other surgeons is incredibly stimulating way to learn.

Planning and performing the surgery on the pre-fractured specimens in this interactive non-threatening environment, enables the surgeon to have a new understanding of the injuries and treatment options. This is the best educational model in surgery, with advanced assessment and quality interactive discussion.

Jeff Ecker

Angus Keogh

Faculty

Chairpersons

Dr. Jeff Ecker, Claremont, AU
Dr. Angus Keogh, Perth, AU

Faculty
(in alphabetical order)

Dr. Jeff Ecker, Claremont, AU

Dr. Angus Keogh, Perth, AU

Professor Mark Ross, Brisbane, AU

Dr. Nick Smith, Bella Vista, AU

Sunday – August 15, 2021

	Location Clinical Training and Evaluation Centre (CTEC) Entrance No. 2, Hackett Drive,Crawley	
8:00 – 8:20	**Arrival, Coffee and Registration**	
8:20 – 8:35	Welcome and IBRA Introduction	*A. Keogh*
8:35 – 8:45	Technical Introduction	
8:45 – 9:45	**Session I – Wrist Arthoroscopy, Setup, Diagnosis (60 min)**	
8:45 – 8:55	Theoretical Part	*N. Smith*
8:55 – 9:35	Practical Part	*N. Smith*
9:35 – 9:45	Discussion	*All*
9:45 – 10:45	**Session II – Arthroscopic Distal Radius Fixation (60 min)**	
9:45 – 9:55	Theoretical Part	*M. Ross*
9:55 – 10:35	Practical Part	*M. Ross*
10:35 – 10:45	Discussion	*All*
10:45 – 11:00	**Coffee Break**	

Sunday – August 15, 2021

11:00 – 12:00	**Session III – Arthroscopic Assisted Scaphoid Fixation (60 min)**	
11:00 – 11:10	Theoretical Part	*M. Ross*
11:10 – 11:50	Practical Part	*M. Ross*
11:50 – 12:00	Discussion	*All*
12:00 – 13:00	**Session IV – Arthroscopic Assisted Scaphoid Nonunion Surgery (60 min)**	
12:00 – 12:10	Theoretical Part	*N. Smith*
12:10 – 12:50	Practical Part	*N. Smith*
12:50 – 13:00	Discussion	*All*
13:00 – 13:30	**Lunch**	
13:30 – 15:00	**Session V – Arthroscopic TFCC repairs (90 min)**	
13:30 – 13:40	Theoretical Part	*J. Ecker*
13:40 – 14:50	Practical Part	*J. Ecker*
14:50 – 15:00	Discussion	*All*
15:00 – 15:20	**Coffee Break**	

Sunday – August 15, 2021

15:20 – 16:30	**Session VI – Mathoulin Dorsal Scapholunate Capsulodesis (70 min)**	
15:20 – 15:30	Theoretical Part	*J. Ecker*
15:30 – 16:20	Practical Part	*J. Ecker*
16:20 – 16:30	Discussion	*All*
16:30	Conclusion	*A. Keogh*

General Information

Chairpersons

Dr. Jeff Ecker, Claremont, Australia
Dr. Angus Keogh, Perth, Australia

Organized by

IBRA - International Bone Research Association, Basel, Switzerland

Registration & Information

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

Course Fee incl. Tax

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

Venue

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

(Travel Information on page 11)

Registration Deadline

July 31, 2021

General Information

Educational hours

Theoretical Part on Sunday, August 15 – 120 min
Practical Part on Sunday, August 15 – 280 min

Total: 6,5 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

The day starts with several lectures and case discussion regarding the management of wrist fractures. 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

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

Travel Information

THE UNIVERSITY OF WESTERN AUSTRALIA

ctec

CTEC
Travel and Parking Information

Bus Stop

Getting to CTEC
The CTEC building is adjacent to the Department of Anatomy & Human Biology at the University of Western Australia, Matilda Bay, Crawley in Perth.

CTEC is easily found by entering the University campus at Entrance 2 (roundabout) on Hackett Drive. It is the first building on your left as you enter.

Car Parking
During the week, long term paid meter parking is available opposite CTEC on Hackett Drive. It is $1.80 per hour, or $13 per day and the meter accepts credit card or coin payment.

Weekend parking is available in the RED STAFF and YELLOW STUDENT PARKING BAYS at no charge.

Public Transport
The 950 bus runs from the Perth CBD, Esplanade Busport, to UWA every 2 minutes during peak times. The journey will take about 10 minutes and participants can then walk along the river or through the UWA campus to the CTEC building.

CTEC Contact Details:
Phone + 61 8 6488 8044
Fax + 61 8 6488 8045
Email admin-ctec@uwa.edu.au
Web ctec.uwa.edu.au

General Information

Method of Payment

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

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 partners Medartis, Hologic and Karl Storz 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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