IBRA International Bone Research Association

Program

IBRA EDUCATION PROGRAM
Advanced

IBRA Advanced Course

with pre-fractured specimens

Practical Treatment of Hand and Wrist Fractures, Including Pre-fractured Specimens

March 5, 2023
Sydney, Australia

Chairpersons:
Dr. Peter Scougall, Sydney, NSW, Australia
Prof. Greg Bain, Adelaide, Australia

Foreword

Dear Colleagues,

We invite you to an exciting one day interactive cadaveric course on hand and wrist fractures. Sessions offer hands-on fracture fixation, including access to pre-fractured specimens for difficult wrist injuries. Content is aimed at Orthopaedic and Plastic Surgeons with a particular interest hand surgery, at Fellowship or similar level of training.

The program will incorporate brief talks discussing indications, treatment options and published results. Using cadaveric specimens in small groups, participants will have the opportunity to apply new surgical techniques for hand and wrist fracture treatment, and refine applications of more familiar procedures.

The wrist component of the course will include pre-fractured specimens. In small groups, participants will discuss and plan their treatment with the help of CT scans, fix the fracture, then image and discuss the result.

The program will also include talks on soft tissue cover of finger and thumb defects, and arthroscopic assisted management of wrist fractures.

We have assembled an enthusiastic and experienced faculty, who are looking forward to seeing you at this exciting and interactive course.

P. Scougall

G. Bain

Faculty

Chairpersons

Dr. Peter Scougall, Sydney, NSW, Australia
Prof. Greg Bain, Adelaide, Australia

Faculty

(in alphabetical order)

Dr. Abhinav Aggarwal, NSW, AUS
Prof. Greg Bain, Adelaide, AUS
Dr. Tanya Burgess, Newcastle, NSW, AUS
Dr. David Graham, Gold Coast, QLD, AUS
Prof. Dr. Max Haerle, Markgröningen, DE
Dr. Damian Ryan, Sydney,NSW, AUS
Dr. Bernard Schick, Sydney NSW, AUS
Dr. Peter Scougall, Sydney, NSW, AUS
Dr. Sarah Tolerton, Sydney, NSW, AUS
Dr. Xuan Ye, NSW, Sydney, NSW, AUS

Sunday – March 5, 2023

	Location Kolling Institute Royal North Shore Hospital 10 Westbourne St St Leonards NSW 2064 Australia	
7:00	Bustransfer from Hyatt Regency to Kolling Institute	
7:30 –7:45	**Breakfast & Registration**	
7:45 – 7:55	Welcome and workshop introduction	*P. Scougall* *G. Bain*
7:55 – 8:00	IBRA introduction	*G. Bain*
8:00 – 9:50	**Session I: Theory & Practical Exercises - Metacarpals (110 min)**	
8:00 – 8:10	Treatment of finger metacarpal fractures	*T. Burgess*
8:10 – 8:20	Treatment of thumb metacarpal fractures	*M. Haerle*
8:20 – 8:50	*Short oblique midshaft metacarpal fracture* *Lag screw and neutralisation plate fixation*	*T. Burgess*
8:50 – 9:20	*Transverse distal shaft fracture.* *Intramedullary fixation*	*D. Graham*
9:20 – 9:50	*Corrective osteotomy plate fixation*	*M. Haerle*
9:50 – 10:15	**Coffee break & Morning tea**	

Sunday – March 5, 2023

10:15 – 12:15	**Session II: Theory & Practical Exercises - Phalanges (120 min)**	
10:15 – 10:30	Soft tissue cover, fingers and thumb	*S. Tolerton*
10:30 – 10:45	Treatment of phalangeal fractures	*D. Graham*
10:45 – 11:15	*Intra or juxta-articular proximal phalanx fracture. Dorsal locking plate fixation*	*P. Scougall*
11:15 – 11:45	*Transverse midshaft proximal phalanx fracture Intramedullary fixation*	*D. Graham*
11:45 – 12:15	*Midshaft middle phalanx fracture Lateral plate fixation*	*D. Ryan*
12:15 – 15:15	**Session III: Theory & Practical Exercises - Distal Radius (180 min)**	
12:15 – 12:20	Introduction to the workshop with pre-fractured wrist specimens	*G. Bain*
12:20 – 13:00	Preoperative Planning and Lunch	
13:00 – 13:15	Distal radius fracture treatment	*B. Schick*
13:15 – 13:30	Volar Rim Distal Radius Fractures with a demonstration on pre-fractures training model	*G. Bain*
13:30 – 13:45	Arthroscopic assisted wrist fracture treatment	*X. Ye*

Sunday – March 5, 2023

13:45 – 15:15	***Distal radius fracture fixation***	***B. Schick***
13:45 – 14:45	*Treatment of distal radius fractures*	
14:45 – 15:15	*Case presentation by the working groups*	
15:15 – 17:30	**Session IV: Theory & Practical Exercises - Scaphoid (135 min)**	
15:15 – 15:25	Introduction to the workshop with pre-fractured scaphoid specimens	*P. Scougall*
15:25 – 15:40	Preoperative Planning with Coffee Break	
15:40 – 15:55	Scaphoid fracture management	*D. Ryan*
15:55 – 16:10	Percutaneous screw fixation and volar vascularised bone graft	*M. Haerle*
16:10 – 17:30	***Scaphoid fracture fixation Cannulated compression screw or locking plate***	***D. Ryan***
16:10 – 16:55	*Treatment of Scaphoid fractures*	
16:55 – 17:30	*Case presentation by the working groups*	
17:30 – 17:45	**Closing remarks**	***P. Scougall G. Bain***

General Information

Chairpersons

Dr. Peter Scougall, Sydney, NSW, Australia
Prof. Greg Bain, Adelaide, Australia

Organized by

IBRA - International Bone Research Association, Basel, Switzerland

Registration & Information

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

Registration Fees

IBRA Member	USD 320
Non-Member	USD 640

Registration Fee includes

Lunch and coffee breaks

Registration Deadline: February 24, 2023

General Information

Educational hours

Theoretical Part on Sunday, March 5 - 200 min

Practical Part on Sunday, March 5 - 350 min

Total: 9h

Target audience

Recommended for attending physicians/consultants.

Main specialty of the event

Starting with the classification of the injury or deformity, the faculty members share their preferred approach, treatment, and follow-up of cases with advanced difficulty.

Expected total number of participants

24

Educational needs

Dealing with challenging fractures and deformities, consultants request exchange through case discussions both theoretically and through surgeries. Beside state-of-the-art approaches, expert opinions and discussions are highly appreciated to scientifically elaborate improvements when dealing with difficult cases.

Expected educational outcomes

Extend common knowledge and skills and awareness of surgical techniques by exchanging less frequent or demanding cases of orthopedics and traumatology.

General Information

Nature of the event

The course offers ideal conditions for the introduction and consolidation of surgery techniques. Participants learn about current treatment concepts as well as new techniques on internal fixation. On the first day, experienced surgeons provide a theoretical insight into therapy concepts and will focus on clinical anatomy, fracture classification, approaches and last but not least, many case discussions. The workshop on day two permits the attendees to apply the gained skills on fresh specimens under directed instruction.

Methods to promote active learning

Multimedia presentations; time for question & answer sessions and discussion; cadaver workshop with helpful hints shown by faculty members.

International audience

Yes

Main language of the event

The official language is English.

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

Venue

Kolling Institute
Royal North Shore Hospital
10 Westbourne St
St Leonards NSW 2064
Australia

Accommodation

Hyatt Regency
161 Sussex St
Sydney NSW 2000
Australia

https://www.hyatt.com/en-US/hotel/australia/hyatt-regency-sydney/sydrs

To book the hotel room you will be contacted by us after registration.

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 sponsors Medartis 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.

IBRA would like to make the participants of this course aware that there is a variety of different similar products available on the market beyond the ones provided at this particular 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.

Membership

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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