



IBRA International Bone
Research Association

Program



IBRA Master Course

Advanced Surgical Approaches of the Humerus

February 8 – 9, 2019
Miami, USA

Chairmen:
Dr. William Geissler, Jackson, Mississippi, USA
Dr. Andrew Greenberg, Great Neck, New York, USA

Foreword

Dear colleagues,

Fractures of both the proximal and distal humerus can be extremely challenging. We all have struggled to reduce these fractures due to many factors including exposure, comminution, and implant fixation. I am honored to welcome you with my co-chairman, Dr. Andrew Greenberg, and an outstanding international faculty that IBRA has gathered to focus on fractures of the humerus. This will be a very unique course unlike any that you have participated in before, offering hands-on experience and unique one-on-one interactions with the faculty. The goal of this course is to be very interactive with the faculty both in the presentations and in the laboratory. There will be concise lectures by the faculty but the majority of the time will be spent on case presentations and tips and tricks that we have learned. The laboratory sessions will focus on real treatment strategies based on our fracture specimens using unique technology. Pre-fractured cadaver specimens will be provided along with plain radiographs and CT imaging for each specimen. Participants in small groups will define the best strategy to treat these difficult fracture patterns, consulting each other and their faculty instructor. Following fixation all groups will present to the participating audience their result and rationale for treatment so we can all learn from each other.

We look forward to the next several days of education.



Dr. William Geissler



Dr. Andrew Greenberg

Faculty

Chairmen

Dr. William Geissler, Jackson, Mississippi, USA

Dr. Andrew Greenberg, Great Neck, New York, USA

Faculty (in alphabetical order)

Dr. William Geissler, Jackson, Mississippi, USA, 3doghill@msn.com

Dr. Andrew Greenberg, Great Neck, New York, USA, asgreen1979@yahoo.com

Prof. Dr. Lars P. Müller, Cologne, DE, lars.mueller@uk-koeln.de

Dr. Marc Richard, Durham, North Carolina, USA, marc.richard@duke.edu

Thomas Tribelhorn, Basel, CH, thomas.tribelhorn@medartis.com

Friday – February 8, 2019

Location InterContinental at Doral Miami Room: Grand Doral 3	
4:15 – 4:50 pm	Registration
4:50 – 4:55 pm	Welcome <i>W. Geissler A. Greenberg</i>
4:55 – 5:00	IBRA Introduction <i>P. Koop</i>
5:00 – 7:00 pm	Theoretical Part (120min)
5:00 – 5:10	Fracture simulator <i>L. P. Müller</i>
5:10 – 5:20	Management of distal humerus fractures <i>W. Geissler</i>
5:20– 5:30	Management of proximal humerus fractures <i>A. Greenberg</i>
5:30– 5:40	Anglular-stable plate osteosynthesis <i>L. P. Müller</i>
5:40– 5:50	Studies and realities <i>T. Tribelhorn</i>
5:50 – 7:00	Discussion and Cases
7:00 pm	Social Dinner InterContinental at Doral Miami Room: Jacaranda Ballroom

Saturday – February 9, 2019

7:30 am	Departure to MARC (Miami Anatomical Research Center) 8850 N.W. 20th Street, Miami, Florida 33172	
8:00 – 8:30 am	Registration & Breakfast	
8:30 – 8:35 am	Welcome	<i>W. Geissler A. Greenberg</i>
8:35 – 8:45	Medartis Implants and Instruments	<i>Medartis</i>
8:45 – 11:45 am	Distal Humerus Practical Part I (150 min)	
8:45 – 10:45	Case 1: All groups receive a pre-fractured specimen and elaborate the case	<i>All</i>
10:45 – 11:45	Presentation and Discussion	<i>Groups</i>
11:45 – 12:30	Lunch	
12:30 – 3:30 pm	Proximal Humerus Practical Part II (150 min)	
12:20 – 2:30	Case 2: All groups receive a pre-fractured specimen and elaborate the case	<i>All</i>
2:30 – 3:30	Presentation and Discussion	<i>Groups</i>
3:30 – 3:35	Summary and adjourn	
3:45 pm	Transportation to InterContinental at Doral Miami	

General Information

Chairmen

Dr. William Geissler, Jackson, Mississippi, USA

Dr. Andrew Greenberg, Great Neck, New York, USA

Organized by

International Bone Research Association - IBRA Basel, Switzerland

Registration & Information

IBRA Administration Office

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info@ibra.ch, www.ibra.ch

Registration Fees

IBRA Member USD 410

Non Member USD 820

General Information

Educational hours

Theoretical Part on Friday, February 8 - 120 min

Practical Part on Saturday, February 9 - 300 min

Total: 7h

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. Faculty present latest innovations and trends both in lectures and surgical demonstrations to the participating senior surgeons.

Expected total number of participants

16

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 along with awareness of new/improved techniques and methodologies to diagnose, treat and follow-up patients.

General Information

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.

Sunshine Act Reporting

In compliance with federal and state laws, including the Physician Payment Sunshine Act, all attendee meeting expenses will be reported to the U.S. government as in-kind payment such as course fees (shuttle, actual cost of meals). AdvaMed guidelines also prohibit spouses or guests from participating in dinners and/or meal functions.

General Information

Transportation

A shuttle service between InterContinental at Doral Miami and MARC will be provided. The shuttle will depart in the morning and return in the afternoon in conjunction with the meeting start and end times. Transportation to and from the airport is the responsibility of the participant.

Sponsoring

We thank our major industry partners Medartis and Hologic for contributing in-kind support (material and logistics) without which this event would not be possible.

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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

Meeting Venues

Miami Anatomical Research Center (MARC)
8850 N.W. 20th Street, Miami, Florida 33172
Phone: +1 305 716 0966
www.marctraining.com

InterContinental at Doral Miami
2505 North West 87th Avenue, Doral, Florida, 33172-1610
Phone: +1 305 468 1400
<https://www.ihg.com/intercontinental/hotels/us/en/doral/miahc/hoteldetail>



MARC



InterContinental at Doral Miami

Housing Information

Rooms are available at \$ 209 (+13% taxes) per night

Deadline: January 31, 2019

Social Dinner

Friday, February 8, 2019

7:00 pm




Location

Intercontinental at Doral Miami
Room: Jacaranda Ballroom

General Information

Method of Payment

The following methods of payment are accepted:

Credit Card VISA  Master Card  American Express 

Bank Transfer (USD)

Account no.

IBAN no.

Clearing no.

SWIFT

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Registration and Confirmation

All registrations are confirmed by e-mail. If you have not received a confirmation prior to your departure for this course, please contact us.

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.

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 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-to-date 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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