Program

IBRA Seminar and Workshop

Osteosynthesis of the Hand & Wrist

February 1 – 2, 2018
Irchel Campus
University of Zurich
Institute of Anatomy

Chairman:
PD Dr. med. Maurizio Calcagni
Dear friends,

the treatment of hand and wrist fractures greatly evolved in the last few years enlarging the spectrum, but also posing new challenges. The introduction of new fixation material together with better understanding of the wrist biomechanics allowed for new approaches and eventually enhanced results. The accurate diagnosis of the injury, the choice of the best possible treatment strategy (surgical or not), the use of the most adapted osteosynthesis and a personalized rehabilitation protocol are all necessary steps for an optimal functional recovery.

This course features theoretical demonstrations followed by practical workshops on anatomical specimens. This structure will give an in deep sight of the actual state of the art in the treatment of most common hand and wrist injuries. Four key-lectures will highlight specific topics in the hand and wrist fixation.

The small number of participants together with the large faculty local and international experts will allow for a constructive and in depth discussion. The experts will guide the participants through the different exercises and will stay at disposal for analysis of specific cases or problems.

We look forward to welcoming you in Zurich for a highly productive course.

PD Dr. Maurizio Calcagni
Zurich, CH
General Information

Chairman
PD Dr. Maurizio Calcagni, Zurich, CH

Faculty
(in alphabetical order)
Vera Beckmann-Fries, Zurich, CH
PD Dr. Maurizio Calcagni, Zurich, CH
Dr. Christoph Erling, Zurich, CH
Dr. Thomas Giesen, Zurich, CH
Prim. Dr. Wolfgang Hintringer, Vienna, AT
Dr. Ivan Tami, Lugano, CH
Prof. Dr. Andreas Schweizer, Zurich, CH
Matthias Walter, Basel, CH
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>08:00 – 08:30</td>
<td>Registration</td>
</tr>
<tr>
<td>08:30 – 08:40</td>
<td>Welcome</td>
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<tr>
<td><strong>08:40 – 12:35</strong></td>
<td><strong>Session I</strong></td>
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<tr>
<td>08:40 – 08:55</td>
<td>Material science from the implant industry point of view</td>
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<tr>
<td>08:55 – 09:25</td>
<td>Treatment of proximal phalanx fractures</td>
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<tr>
<td>09:25 – 09:45</td>
<td>Lecture: Endomedullary fixation of finger bones</td>
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<tr>
<td><strong>09:45 – 10:05</strong></td>
<td><strong>Coffee Break</strong></td>
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<tr>
<td>10:05 – 11:05</td>
<td>Lab 1: Horizontal fracture of the proximal phalanx (Fixation Plate 2.0)</td>
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<tr>
<td>11:05 – 12:35</td>
<td>Lab 2: Horizontal fracture of the proximal phalanx (CCS)</td>
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<td><strong>12:35 – 13:35</strong></td>
<td><strong>Lunch</strong></td>
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### Session II

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Speaker/Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:15 – 15:05</td>
<td>Lab 3: Neck fracture of the 2. metacarpal (T Plate 2.0)</td>
<td>D. Herren</td>
</tr>
<tr>
<td>15:05 – 15:55</td>
<td>Lab 4: Winterstein fracture 1. metacarpal (T Plate 2.0)</td>
<td>M. Calcagni</td>
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<tr>
<td>15:55 – 16:15</td>
<td>Coffee Break</td>
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<tr>
<td>16:15 – 16:35</td>
<td>Lecture: Rehabilitation of finger fractures</td>
<td>V. Beckmann-Fries</td>
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<tr>
<td>16:35 – 16:55</td>
<td>Lecture: PIP arthroplasty without prosthesis</td>
<td>W. Hintringer</td>
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<tr>
<td>16:55 – 17:15</td>
<td>Lecture: PIP arthroplasty with prosthesis</td>
<td>D. Herren</td>
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<tr>
<td>17:15 – 17:20</td>
<td>Closing of the day</td>
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<tr>
<td>19:30 – 23:00</td>
<td>Social Dinner</td>
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## IBRA Seminar and Workshop

### Friday – February 2, 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Description</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>08:00 – 09:00</td>
<td>Lab 5:</td>
<td>Fractures of the scaphoid palmar approach (Scaphoid Plate)</td>
<td>I. Tami</td>
</tr>
<tr>
<td>09:00 – 10:00</td>
<td>Lab 6:</td>
<td>Fractures of the scaphoid dorsal approach (CCS 2.0)</td>
<td>A. Schweizer</td>
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<tr>
<td>10:00 – 10:20</td>
<td>Coffee Break</td>
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<tr>
<td>10:20 – 10:50</td>
<td>Lecture:</td>
<td>Endoscopic partial wrist fusions</td>
<td>M. Calcagni</td>
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<tr>
<td>10:50 – 11:50</td>
<td>Lab 7:</td>
<td>Four corner fusion</td>
<td>W. Hintringer</td>
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<tr>
<td>11:50 – 12:50</td>
<td>Lunch</td>
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### Session IV

**12:50 – 13:50**
Lab 8: Fractures of the distal radius palmar approach (FPL Plate)  
*I. Tami*

**13:50 – 14:50**
Lab 9: Ulna Shortening  
*W. Hintringer*

**14:50 – 15:50**
Lab 10: Fractures of the distal radius dorsal approach (Dorsal Frame Plate)  
*W. Hintringer*

**15:50 – 16:10**
Coffee Break

**16:10 – 16:40**
Lecture: Tips and tricks in distal radius fixation  
*I. Tami*

**16:40 – 17:10**
Lecture: 3D planning and application of corrective osteotomies of the distal radius and scaphoid  
*A. Schweizer*

**17:10 – 17:15**
Closing of the course
General Information

Organized by
IBRA - International Bone Research Association, Basel/Switzerland

Registration & Information
IBRA Administration Office
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CH-4057 Basel
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Fax +41 61 319 05 19
info@ibra.ch
www.ibra.ch

Course Fee
IBRA Member  EUR 760
Non Member  EUR 880

Method of Payment
The following methods of payment are accepted:

<table>
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<tr>
<td>Master Card</td>
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<tr>
<td>Bank Transfer</td>
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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.

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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.
13th ZURICH WORKSHOP ON HAND FLAPS
January 29 - 30, 2018

7th ZURICH WORKSHOP ON TENDON REPAIR
January 31, 2018

3rd OSTEOSYNTHESIS OF THE HAND & WRIST
IBRA WORKSHOP
February 1 - 2, 2018

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