



**IBRA** International Bone  
Research Association

## Program



### IBRA Advanced Instruction Course

# Management of Severe Deformities in Foot & Ankle Surgery

**November 24 – 25, 2017**

**Basel, Switzerland**

Chairman:

Prof. Dr. Dr. Victor Valderrabano, Basel, CH

Scientific Committee:

Prof. Dr. Christina Stukenborg-Colsman, Hannover, DE

Dr. Christian Plaass, Hannover, DE

Prof. Dr. Alexej Barg, Salt Lake City, USA

## Foreword

Dear colleagues

Painful defects and injuries of Foot and Ankle are among the most frequent musculoskeletal orthopaedic diseases. Their operative care always presents us with medical and technical challenges.

Strategy and method, the right osteosynthesis procedure as well as the appropriate materials are crucial elements for the postoperative function of the Foot and Ankle, and thus for the welfare of the patients.

Lectures on the state of science and progress in the field of Foot and Ankle Surgery on the one hand and the joint discussions about concrete cases and medical evidence on the other constitute the framework of the first course day. Great emphasis is thus put on the presentation of current treatment options.

The second day of the course focuses on the practical training on fresh frozen specimens.

A highly experienced international faculty will support and guide the participants through the exercises.

I would be delighted to welcome you to these practical days here in our trinationl swiss corner city Basel.



V. Valderrabano

## General Information

### **Chairman:**

Prof. Dr. Dr. Victor Valderrabano, Basel, CH

### **Scientific Committee:**

Prof. Dr. Christina Stukenborg-Colsman, Hannover, DE

Dr. Christian Plaass, Hannover, DE

Prof. Dr. Alexej Barg, Salt Lake City, USA

### **Faculty**

(in alphabetical order)

Prof. Dr. Alexej Barg, Salt Lake City, USA, barg@hsc.utah.edu

Prof. Dr. João de Carvalho Neto, São Paulo, BR, jcnneto@uol.com.br

PD Dr. Norman Espinosa, Zurich, CH, espinosan@me.com

Prof Dr. Mario Herrera, Tenerife, ES, herrera42@gmail.com

Prof. Dr. Bruno Magnan, Verona, IT, bruno.magnan@azosp.vr.it

Univ. Doz. Dr. Ernst Orthner, Wels/Klagenfurt, AT, orthner@moderne-medizin.at

Dr. Christian Plaass, Hannover, DE, Christian.Plaass@diakovere.de

Dr. Timothy Schneider, Melbourne, AUS, taschneider@mog.com.au

Prof. Dr. Christina Stukenborg-Colsman, Hannover, DE,  
christina.stukenborg@diakovere.de

Prof. Dr. Sergio Tejero, Sevilla, ES, tejerogarciasergio@gmail.com

Prof. Dr. Dr. Victor Valderrabano, Basel, CH, vvalderrabano@gsmn.ch

Dr. Martin Wiewiorski, Winterthur, CH, martin.wiewiorski@ksw.ch

Friday – November 24, 2017



<b>Location</b> IBRA Headquarters Hochbergerstr. 60E CH-4057 Basel		
<b>08:00 – 09:00</b>	<b>Registration</b>	
<b>09:00 – 09:15</b>	<b>Welcome</b>	<i>V. Valderrabano J. Vazquez W. Miesch</i>
<b>09:15 – 10:00</b>	<b>Session I: Forefoot</b>	<i>A. Barg S. Tejero</i>
09:15 – 09:30	Severe forefoot disorders	<i>Ch. Plaass</i>
09:30 – 09:45	Revision forefoot surgery	<i>M. Wiewiorski</i>
09:45 – 10:00	Discussion	<i>All</i>
<b>10:00 – 10:30</b>	<b>Session II: Midfoot</b>	<i>Ch. Plaass E. Orthner</i>
10:00 – 10:15	Management of severe midfoot deformities	<i>E. Orthner</i>
10:15 – 10:30	Discussion	<i>All</i>
<b>10:30 – 10:45</b>	<b>Coffee Break</b>	



## Friday – November 24, 2017



<b>10:45 – 14:45</b>	<b>Session III: Hindfoot</b>	<i>Ch. Stukenborg-Colsmann T. Schneider</i>
10:45 – 11:00	Correction of severe pes planovalgus	<i>A. Barg</i>
11:00 – 11:15	Correction of severe pes cavovarus	<i>S. Tejero</i>
11:15 – 11:30	Discussion	<i>All</i>
<b>11:30 – 12:30</b>	<b>Lunch</b>	
<b>12:30 – 13:45</b>	<b>Tour through MEDARTIS production facilities</b>	
13:45 – 14:00	Charcot foot reconstruction and the management of complications	<i>J. Carvalho Neto</i>
14:00 – 14:15	The failed calcaneal fracture	<i>M. Herrera</i>
14:15 – 14:30	The failed talus fracture	<i>T. Schneider</i>
14:30 – 14:45	Discussion	<i>All</i>
<b>14:45 – 15:00</b>	<b>Coffee Break</b>	

## Friday – November 24, 2017



<b>15:00 – 16:45</b>	<b>Session IV: Ankle</b>	<b><i>M. Herrera A. Barg</i></b>
15:00 – 15:15	The failed ankle fracture	<i>B. Magnan</i>
15:15 – 15:30	Managing the recurrent chronic unstable ankle	<i>N. Espinosa</i>
<b>15:30 – 15:45</b>	<b>Coffee Break</b>	
15:45 – 16:00	Management of malaligned lower leg / ankle	<i>A. Barg</i>
16:00 – 16:15	Revision surgery of the failed ankle fusion	<i>Ch. Stukenborg-Colsman</i>
16:15 – 16:30	TAR in severe deformities	<i>V. Valderrabano</i>
16:30 – 16:45	Discussion	<i>All</i>
<b>19:00</b>	<b>Dinner</b>	

Saturday – November 25, 2017



<b>Location</b> AMTS AG - Akademie für Medizinisches Training und Simulation Kriegackerstrasse 100 CH-4132 Muttenz		
<b>08:15 – 08:20</b>	<b>Welcome</b>	<b>V. Valderrabano</b>
08:20 – 08:30	Product introduction (Medartis tips and tricks)	<i>M. Walter</i>
<b>08:30 – 10:00</b> <b>Practical Part I – Severe Flatfoot Correction</b>		
08:30 – 10:00	Double calcaneus osteotomy: Lateral lengthening & medial sliding (CCS 7.0, 5.0)	<i>V. Valderrabano</i>
	Cotton osteotomy (Aptus 2.8)	<i>M. Wiewiorski</i>
	Flexor digitorum longus-to-posterior tibial tendon transfer & springligament suture (Vicryl 2 suture)	<i>N. Espinosa</i>
	Strayer-release (no material)	<i>N. Espinosa</i>
<b>10:00 – 10:30</b>	<b>Coffee Break</b>	

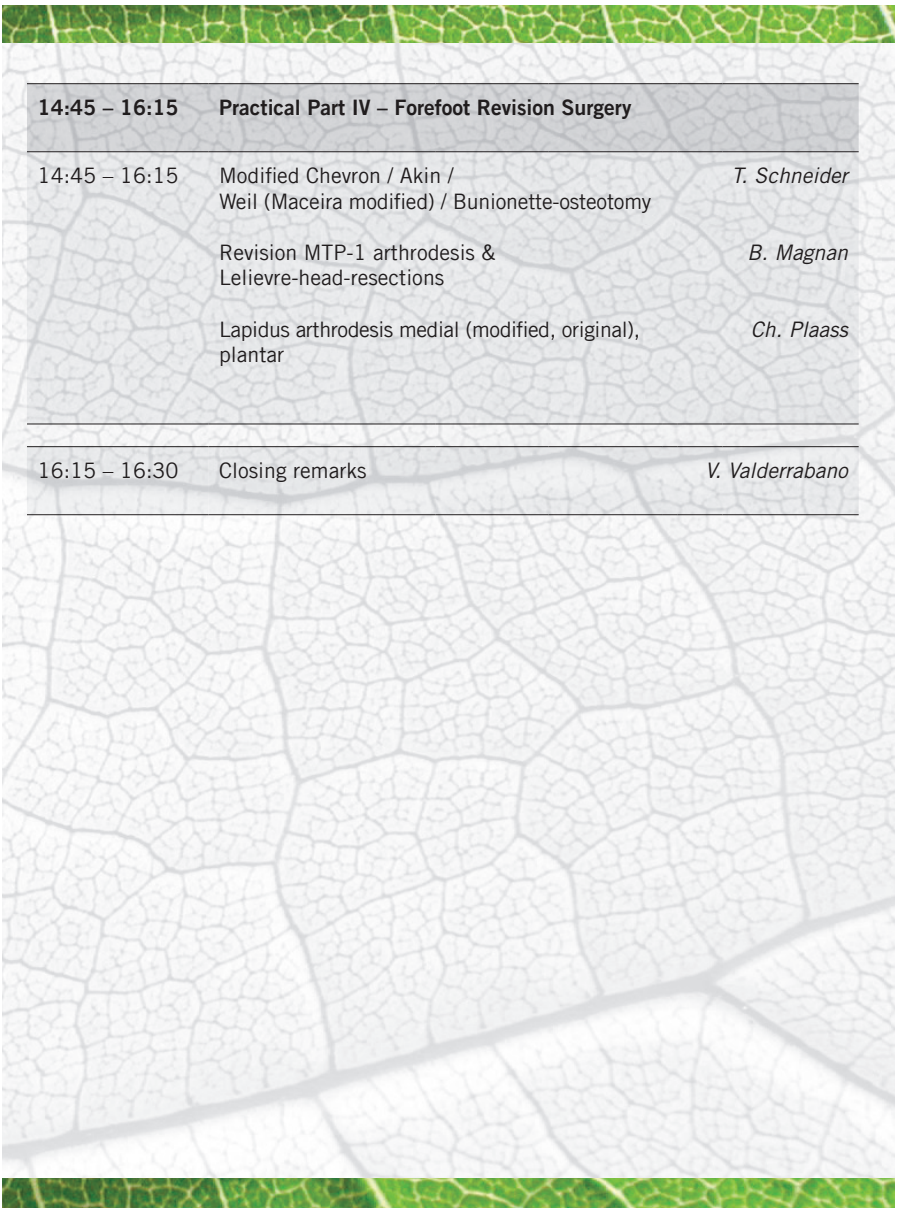


## Saturday – November 25, 2017

<b>10:30 – 12:00</b>	<b>Practical Part II – Pes Cavovarus Correction</b>	
10:30 – 12:00	Lateral sliding calcaneus / Dwyer osteotomy	<i>M. Herrera</i>
	Dorsiflexion metatarsal I-osteotomy	<i>Ch. Stukenborg-Colsman</i>
	Peroneus longus-to-brevis-tendon transfer	<i>M. Herrera</i>
	Plantar fascia release	<i>Ch. Stukenborg-Colsman</i>
	EHL-tendon release & FHL-Watson-Jones transfer	<i>J. Carvalho Neto</i>
<b>12:00 – 13:00</b>	<b>Lunch</b>	
<b>13:00 – 14:30</b>	<b>Practical Part III – Hindfoot and Ankle Arthrodesis</b>	
13:00 – 14:30	Triple-arthrodesis (double) – medial single incision	<i>A. Barg</i>
	Lambrinudi-arthrodesis and tib.post-transfer	<i>S. Tejero</i>
	Revision ankle arthrodesis – transfibular approach	<i>N. Espinosa</i>
<b>14:30 – 14:45</b>	<b>Coffee Break</b>	



# Saturday – November 25, 2017



14:45 – 16:15	<b>Practical Part IV – Forefoot Revision Surgery</b>	
14:45 – 16:15	Modified Chevron / Akin / Weil (Maceira modified) / Bunionette-osteotomy	<i>T. Schneider</i>
	Revision MTP-1 arthrodesis & Lelievre-head-resections	<i>B. Magnan</i>
	Lapidus arthrodesis medial (modified, original), plantar	<i>Ch. Plaass</i>
16:15 – 16:30	Closing remarks	<i>V. Valderrabano</i>

## General Information

### Organized by

IBRA - International Bone Research Association, Basel/Schweiz

### Registration & Information

IBRA Administration Office  
Hochbergerstrasse 60E, CH-4057 Basel, Switzerland  
Phone: +41 61 319 05 05, Fax: +41 61 319 05 19  
info@ibra.ch, www.ibra.ch



### Registration Fees

IBRA Members	EUR 560	Non Members	EUR 680
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### Accommodation

We have reserved for a room contingent at the Hotel Stücki, located just opposite the IBRA Headquarters:

Price per night: CHF 145 (exkl. Breakfast CHF 18)

Hotel Stücki  
Badenstrasse 1  
Postfach  
CH-4019 Basel  
Tel: +41 61 638 34 34

Email: stuecki@welcomehotels.ch  
www.hotel-stuecki.ch

Please mention the reference «IBRA Foot» when booking your room.

## General Information

### Cancellation Policy

Free cancellation until the 5th of August. Any cancellation made past the 5th of August will be charged.

### Method of Payment

The following methods of payment are accepted:

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 EUR 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





### **About AMTS**

The AMTS AG operates as an independent centre of competence to provide means supporting product development and advanced surgical training activities at top level.

Since foundation in 2009 we are focused at the field of muscular skeletal surgery.

We are offering three completely equipped operation theatres including anatomical specimen to be used by MedTech-companies and medical associations for advanced practical training courses.

For more information visit our website [www.amts.ch](http://www.amts.ch) or contact directly our head of course organisation Marc Wiesemann under [wiesemann@amts.ch](mailto:wiesemann@amts.ch) or by phone under +41 61 466 36 40.

### **Our vision**

Medical advances develop at a rapid speed. At the same time, regulatory requirements for hospitals and the MedTech industry increase.

Innovative diagnostical and treatment methods and new medical products are continuously created and have to be examined prior to public use.

Physicians need to get thoroughly acquainted with relevant developments to ensure optimum compliance with their patient's needs.

We offer optimum facilities for advanced training and simulation courses and are prepared to give any help in terms of program planning and course organisation in professional partnership

## 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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