

# medartis



## **Craniomaxillofacial Fracture Treatment –** Update and hands-on

**October 15 – 16, 2021**  
**Mülheim an der Ruhr, Germany**

**Chairpersons:**

Professor Dr. Dr. Andreas Neff, Marburg, Germany  
Professor Dr. Dr. Philipp Jürgens, Munich, Germany

**Scientific support by:**



## 2 | Foreword

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Dear colleagues,

even though traumatology is considered part of our daily routine, there is hardly any other area of our specialty which boasts such a dynamic development.

Traumatology is one of the essential pioneers for the introduction of new techniques and technologies. Since the turn of the millennium, there has been a continuous paradigm shift in several central areas of traumatology.

Today, for example, in the area of the articular process as well as in the treatment of the orbita and the NOE, optimised osteosynthesis systems adapted to individual fracture localisation go hand in hand with the further development of low-risk and efficient access, including the use of endoscopic procedures.

Last but not least, patient-specific implants have now found their way into traumatology and corrective surgery. The principle being that efficient and atraumatic as possible primary treatment can prevent the previously frequent post-traumatic residual effects which burdened patients aesthetically and functionally.

The course at the Anatomy Department in Mülheim an der Ruhr is primarily intended to provide an interdisciplinary exchange of tips and tricks in traumatology. Our course is aimed at both residents undergoing further training as well as experienced surgeons.

Small, interactive preparation groups with a 1:4 supervision ratio allow hands-on experience in dealing with proven and new treatment options.

Afterwards, the results and therapy strategies will be discussed interdisciplinarily between the groups with the objective of comparing their own concepts and finding an optimal therapy algorithm for the respective fracture situation.

We look forward to welcoming you to our interactive course in Mülheim an der Ruhr in November.



Professor Dr. Dr.  
Andreas Neff



Professor Dr. Dr.  
Philipp Jürgens

**Chairpersons**

Professor Dr. Dr. Andreas Neff, Marburg, Germany

Professor Dr. Dr. Philipp Jürgens, Munich, Germany

**Faculty**

(in alphabetical order)

Dr. Dr. Lars Bonitz, Dortmund, Germany

Professor Dr. Dr. Philipp Jürgens, Munich, Germany

Professor Dr. Dr. Andreas Kolk, Innsbruck, Austria

Professor Dr. Dr. Andreas Neff, Marburg, Germany

Professor Dr. mult. Emeka Nkenke, Vienna, Austria

## 4 | Program

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Friday – October 15, 2021

13:30 – 13:45	Registration	
13:45 – 14:00	Welcome	A. Neff / P. Jürgens
14:00 – 14:30	Implants and instruments	Medartis
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<b>14:30 – 18:00</b>	<b>Theoretical Part</b> (180 min)	
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14:30 – 15:30	Case discussion in groups Each group receives a pre-fractured specimen x-rays and CT scans and elaborates the case Goal: Determination of therapy algorithm in the group	Groups 1 – 5
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<b>15:30 – 16:00</b>	<b>Coffee Break</b>	
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16:00 – 16:15	Presentation of treatment strategies Case 1	Group 1 / P. Jürgens
16:15 – 16:30	Presentation of treatment strategies Case 2	Group 2 / A. Kolk
16:30 – 16:45	Presentation of treatment strategies Case 3	Group 3 / E. Nkenke
16:45 – 17:00	Presentation of treatment strategies Case 4	Group 4 / L. Bonitz
17:00 – 17:15	Presentation of treatment strategies Case 5	Group 5 / A. Neff
17:15 – 18:00	Discussion between the groups and option for modification	Groups 1 – 5
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<b>19:30</b>	<b>Networking Dinner</b>	
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Saturday – October 16, 2021

<b>8:30 – 12:00</b>			<b>Practical Part I (210 min)</b>		
8:30 – 12:00	Case management (Cases 1 – 5)	Group 1 – 5			
<b>12:00 – 13:00</b>			<b>Lunch</b>		
<b>13:00 – 15:00</b>			<b>Practical Part II (120 min)</b>		
13:00 – 15:00	Case management (Cases 1 – 5)	Group 1 – 5			
<b>15:00 – 15:15</b>			<b>Coffee Break</b>		
<b>15:15 – 17:15</b>			<b>Practical Part III (120 min)</b>		
15:15 – 15:30	Presentation case 1	Group 1 / P. Jürgens			
15:30 – 15:45	Presentation case 2	Group 2 / A. Kolk			
15:45 – 16:00	Presentation case 3	Group 3 / E. Nkenke			
16:00 – 16:15	Presentation case 4	Group 4 / L. Bonitz			
16:15 – 16:30	Presentation case 5	Group 5 / A. Neff			
16:30 – 17:15	Goal: Troubleshooting, reevaluation of the therapy concepts, establishment of a consensus	Groups 1 – 5			
17:15 – 17:30	Summary	A. Neff / P. Jürgens			

### **Chairpersons**

Professor Dr. Dr. Andreas Neff, Marburg, Germany  
Professor Dr. Dr. Philipp Jürgens, Munich, Germany

### **Organization**

Medartis AG

### **Registration & Information**

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Fax +41 61 633 34 00  
anna.stadler@medartis.com  
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### **Course fee incl. tax**

EUR 550

### **Registration Deadline**

October 1, 2021

### **Educational hours**

Theoretical Part on Friday, October 15 – 180 min

Practical Part on Saturday, October 16 – 450 min

Total: 10,5 h

### **Target audience**

Recommended for residents undergoing further training as well as experienced surgeons.

### **Main specialty of the event**

The course offers the basics in clinical diagnostics, treatment and follow-up. The focus is on state-of-the-art surgical techniques.

### **Expected number of Participants**

20

### **Educational needs**

Starts with clinical anatomy. Based on expressed needs by participants of previous courses and events (evaluations), residents and physicians in training request and appreciate „hands-on“ workshops, explanations of experts, the exchange with a variety of faculty as well as discussions with peers about clinical cases.

### **Expected educational outcomes**

Consolidate the knowledge of classifications and most useful approaches. Increase the spectrum of skills dealing with standard surgeries. Learning tips and tricks (alternatively: handy hints) in applying techniques and conducting operations.

### **Nature of the event**

Day one focuses on preoperative planning based on radiologic findings of the pre-fractured specimens. Following the theoretical session, day two focuses on practical case management in the cad lab. 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 with helpful hints shown by faculty members.

### **International audience**

Yes

### **Main language of the event**

The official language is English.

### **Simultaneous translation**

No simultaneous translation will be provided.

**Venue**

European Anatomy Campus II  
Kölner Strasse 341  
45481 Mülheim a.d. Ruhr

**Accommodation**

relaxa hotel Ratingen City  
Calor-Emag-Str. 7  
40878 Ratingen

**Rates**

79.00-89.00 EUR (incl. VAT) / 8.00 EUR breakfast

**Booking**

via e-mail [reservierung.city@relaxa-hotel.de](mailto:reservierung.city@relaxa-hotel.de) or phone +49 (0) 2102-458611  
with the code IBRA

**Deadline**

September 14, 2021

**Cancellation**

booked rooms can be cancelled at no cost until 3 weeks before the event

**Networking Dinner**

Friday, October 15, 2021

**Time**

19:30 h

### **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-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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## **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

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## **IBRA Membership – Your future is in your hands!**

Take advantage of our innovative hands-on training courses and connect with like-minded experts worldwide.

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### **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](http://www.ibra.net/Membership)***

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# MODUS 2

Midface – Orthognathics – Mandible



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