IBRA International Bone Research Association

Program

IBRA Basic-Intermediate / Fellow Course

Orthognathic Surgery

December 3 – 4, 2022
Yokohama, Japan

Chairpersons:
Prof. Dr. Dr. Andreas Neff, Marburg, Germany
Prof. Dr. Dr. Philipp Jürgens, Munich, Germany

Local Chairperson:
Prof. Dr. Masayuki Takano, Tokyo, Japan

Foreword

Dear Colleagues and Friends

It is our pleasure to invite you to our IBRA Seminar and Workshop on Orthognathic Surgery in Yokohama, Japan.

The program will focus on planning, treatment concepts, and surgical management as well as the optimization of aesthetic outcome. We will also encourage the participants and faculty to have interactive discussion through interesting clinical cases to develop close relationships.

The interactive hands-on approach of the course includes the evidence-driven techniques and promotes participants and faculty to share experiences and ideas, discuss challenging problems.

The hands-on workshop on bone model hosted by the eminent faculty will not only provide the latest technical details, but also the tips, and approaches to avoid pitfalls and complications.

We look forward to seeing you all at this unique and exciting event and to delivering you the maximum benefits during your stay.

Sincerely

Prof. Dr.
Masayuki Takano

Prof. Dr. Dr.
Andreas Neff

Prof. Dr. Dr.
Philipp Jürgens

Faculty

Chairpersons

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

Local Chairperson

Prof. Dr. Masayuki Takano, Tokyo, Japan

Faculty

(in alphabetical order)
Prof. Dr. Tomonao Aikawa, Hiroshima, Japan
Prof. Dr. Dr. Philipp Jürgens, Munich, Germany
Prof. Dr. Dr. Johannes Kleinheinz, Münster, Germany
Prof. Dr. Dr. Andreas Neff, Marburg, Germany
Dr. Keisuke Sugahara, Tokyo, Japan
Prof. Dr. Masayuki Takano, Tokyo, Japan
Dr. Akira Watanabe, Tokyo, Japan
Prof. Dr. Kensuke Yamauchi, Tohoku, Japan
Dr. Shuji Yoshida, Tokyo, Japan
Dr. Yoshihiko Yokoe, Japan

Saturday – December 3, 2022

	Location The Yokohama Chamber of Commerce and Industry (YCCI) Sangyo Boeki Center Building 8F 2 Yamashita-cho, Naka-ku, Yokohama 231-8524 Japan	
8:30 – 9:00	**Registration**	
9:00 – 9:10	Welcome	*M. Takano*
9:10 – 9:25	IBRA Introduction	*J. M. Vázquez*
9:25 – 11:45	**Session I: General aspects in orthodontics / orthognathic surgery**	***Y. Yokoe***
9:25 – 9:55	History of orthognathic surgery	*P. Jürgens*
9:55 – 10:25	Collaboration and planning with orthodontist	*S. Yoshida*
10:25 – 10:55	Important aspects for 2D and 3D planning in orthognathic surgery	*M. Takano*
10:55 – 11:25	**Coffee Break**	
11:25 – 11:45	Surgery first – surgical aspects	*A. Watanabe*

Saturday – December 3, 2022

11:45 – 15:30	**Session II: Mandibular osteotomies (180 min)**	***K. Sugahara***
11:45 – 12:15	The technique of mandibular osteotomies (SSRO, IVRO etc)	*Y. Yokoe*
12:15 – 12:45	Genioplasty, what is the patient-satisfying plan?	*A. Neff*
12:45 – 13:30	**Lunch**	
13:30 – 14:00	Segment osteotomies and augmentation of the mandible	*T. Aikawa*
14:00 – 14:30	Which is better, semi-rigid or rigid? And about the need for flexible plates	*J. Kleinheinz*
14:30 – 15:00	Efficacy of distractor for advance cases in mandible	*Y. Yokoe*
15:00 – 15:30	Precautions when selecting the material to be fixed in mandible (Ti or Absorb)	*A. Watanabe*

Saturday – December 3, 2022

15:30 – 18:00	**Practical Part I (130 min)**	***T. Aikawa***
15:30 – 16:10	Sagittal split (semi rigid and flexible system and absorb plate)	*K. Yamauchi*
16:10 – 16:50	Ramus osteotomies	*P. Jürgens*
16:50 – 17:10	Genioplasty	*K. Sugahara*
17:10 – 17:30	**Coffee Break**	
17:30 – 18:00	Case discussion, Q&A	*All*
18:00	Closing	*M. Takano*
19:00	**Networking Dinner**	

Notes

Sunday – December 4, 2022

	Location The Yokohama Chamber of Commerce and Industry (YCCI) Sangyo Boeki Center Building 8F 2 Yamashita-cho, Naka-ku, Yokohama 231-8524	
9:00 – 12:20	**Session III: Maxillary osteotomies (180 min)**	***A. Watanabe***
9:00 – 9:30	How to treat transversal deficiencies in the upper jaw	*M. Takano*
9:30 – 10:00	LeFort I a versatile and reliable osteotomy	*K. Yamauchi*
10:00 – 10:30	Segmentation of the maxilla – when and why	*K. Sugahara*
10:30 – 11:00	Efficacy of distractor for advance cases in maxilla	*T. Aikawa*
11:00 – 11:20	**Coffee Break**	
11:20 – 11:50	Precautions when selecting the material to be fixed in maxilla (Ti or Absorb)	*S. Yoshida*
11:50 – 12:20	Case discussion, Q&A	*All*
12:20 – 13:00	**Lunch**	

Sunday – December 4, 2022

13:00 –14:00	**Practical Part II (60 min)**	***K. Yamauchi***
13:00 – 14:00	LeFort I Intermaxillary fixation (Ti Plate and Absorb Plate)	*A. Watanabe*
14:00 – 17:45	**Session IV: Specials (180 min)**	***K. Yamauchi***
14:00 – 14:45	TMJ aspects in orthognathic surgery and total joint replacement	*A. Neff*
14:45 – 15:15	Aesthetic procedures in orthognathic surgery	*A. Watanabe*
15:15 – 15:45	Psychological aspects in orthognathic surgery	*J. Kleinheinz*
15:45 – 16:15	Case discussion, Q&A	*All*
16:15 – 16:45	Future development of orthognathic surgery	*P. Jürgens*
16:45 – 17:00	Final discussion	*M. Takano*
17:00	Closing	*M. Takano*

General Information

Chairpersons

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

Local Chairperson

Prof. Dr. Masayuki Takano, Tokyo, Japan

Organized by

IBRA - International Bone Research Association, Basel, Switzerland

Registration & Information

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

Registration Fees incl. Tax

JPY 30,000

Registration Fee includes

December 3 + 4: Lunch and Coffee Breaks

Networking Dinner: included

Dress code: casual

Registration Deadline: October 31, 2022

General Information

Educational hours

Theoretical Part on Saturday, December 3 - 300 min

Practical Part on Saturday, December 3 - 130 min

Theoretical Part on Sunday, December 4 - 360 min

Practical Part on Sunday, December 4 - 60 min

Total: 15h

Target audience

Recommended for a surgeon who already has experience with Orthognathic Surgery and who is about to perform Orthognathic Surgery.

Main specialty of the event

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

Expected total number of participants

30

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. Simultaneous translation will be available.

General Information

Venue

Yokohama Symposia
(The Yokohama Chamber of Commerce and Industry (YCCI))
Sangyo Boeki Center Building 8F
2 Yamashita-cho, Naka-ku, Yokohama 231-8524
Japan

Networking Dinner

Time: 19.00h

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 JPN 5000 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.

General Information

Support

The total cost of the event will be covered by membership fees, course fees and IBRA's own funds.
We would like to thank our sponsors Medartis and Gunze Ltd. 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.

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.

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.

Notes

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.

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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