



**IBRA** International Bone  
Research Association

## Program



**IBRA International Conference**

## All Around the Scaphoid

**April 15 – 16, 2016**

**Congress Center of the Czech National Bank  
Prague, Czech Republic**



Chairmen:

Dr. Radek Kebrle, Vysoké nad Jizerou, CZ  
Dr. Aleš Fibír, Hradec Králové, CZ

## Foreword

Dear Colleagues and Friends,

In 1954 – the famous Conservative treatment of 734 scaphoid fractures by Bohler was published, then in 1990 – Herbert's book on scaphoid treatment appeared - and between 1980 – 1990 over 300 articles were published internationally about scaphoid.

These are some of the milestones from the „scaphoid history“. As N. J. Barton wrote in 2002 when writing a book on 20 questions about scaphoid fractures: „Some of the questions can now be answered and some old teachings discarded, but at the same time new questions have emerged“. 13 years later we can see the advances in scaphoid basic science, an increasing role of arthroscopy as well as of microvascular surgery in the treatment and a striking development of osteosynthetic materials.

Aware of all these monumental advances in the history of scaphoid practice, we would feel honoured to invite you to the first Prague IBRA meeting focusing on scaphoid pathologies. Our congress is intended not only to describe basic procedures with the evidence based support but also to show and discuss much larger range of problems that everyone treating the scaphoid might face. The factors like scaphoid anatomy, type of fracture, delay from injury, age, location of pathology, and different treatment options, will be presented and debated. The complications and false treatments will be presented and possible treatment options will be shown. A two-day symposium on scaphoid surgery has been planned. All of the invited speakers are well-experienced specialists in this specific field. This event may appeal to all surgeons dealing with scaphoid injuries and their sequellae. As Nicolas Barton said: “Treating scaphoid is an art”, and you are all welcome to share a bit of this art with us.

And to make our invitation even more appealing - Prague is a spectacular, artistic and historical city, but you will see that it is also the home of state-of-the-art science.

See you in Prague in springtime



Dr. med.  
Radek Kebrle



Dr. med.  
Aleš Fibír

## General Information

### **Chairmen**

Dr. Radek Kebrle, Vysoké nad Jizerou, CZ

Dr. Aleš Fibír, Hradec Králové, CZ

### **Faculty**

(in alphabetical order)

Dr. Rohit Arora, Innsbruck, AT, rohit.arora@uki.at

Dr. Aleš Fibír, Hradec Králové, CZ, fibir@seznam.cz

Prim. Dr. Wolfgang Hintringer, Vienna, AT w@hintringer.at

Dr. Radek Kebrle, Vysoké nad Jizerou, CZ, radek.kebrle@seznam.cz

Prof. Dr. Hermann Krimmer, Ravensburg, DE, krimmer@handchirurgie-ravensburg.de

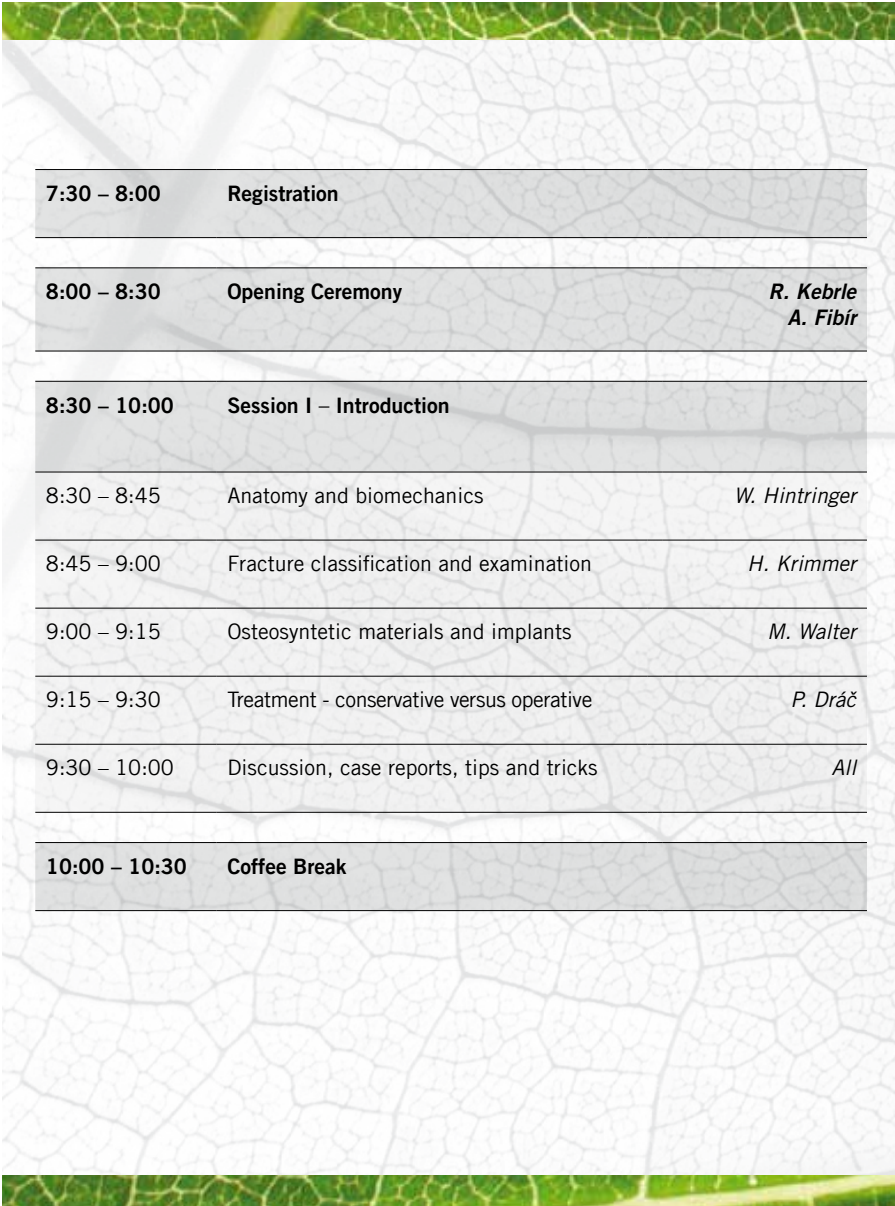
Prof. Rames Mattar Junior, São Paulo, BR, rames@usp.br

Dr. Pavel Dráč Olomouc, CZ, dracpa@seznam.cz

Dr. Christoph Pezzei, Vienna, AT, c.pezzei@utanet.at

Dr. Frederik Verstrecken, Antwerpen BE, frederik.verstrecken@azmonica.be

## Friday – April 15, 2016



|                      |   |                              |
|----------------------|---|------------------------------|
| <b>7:30 – 8:00</b>   | <b>Registration</b>                       |                              |
| <b>8:00 – 8:30</b>   | <b>Opening Ceremony</b>                   | <i>R. Kebrle<br/>A. Fibr</i> |
| <b>8:30 – 10:00</b>  | <b>Session I – Introduction</b>           |                              |
| 8:30 – 8:45          | Anatomy and biomechanics                  | <i>W. Hintringer</i>         |
| 8:45 – 9:00          | Fracture classification and examination   | <i>H. Krimmer</i>            |
| 9:00 – 9:15          | Osteosynthetic materials and implants     | <i>M. Walter</i>             |
| 9:15 – 9:30          | Treatment - conservative versus operative | <i>P. Dráč</i>               |
| 9:30 – 10:00         | Discussion, case reports, tips and tricks | <i>All</i>                   |
| <b>10:00 – 10:30</b> | <b>Coffee Break</b>                       |                              |

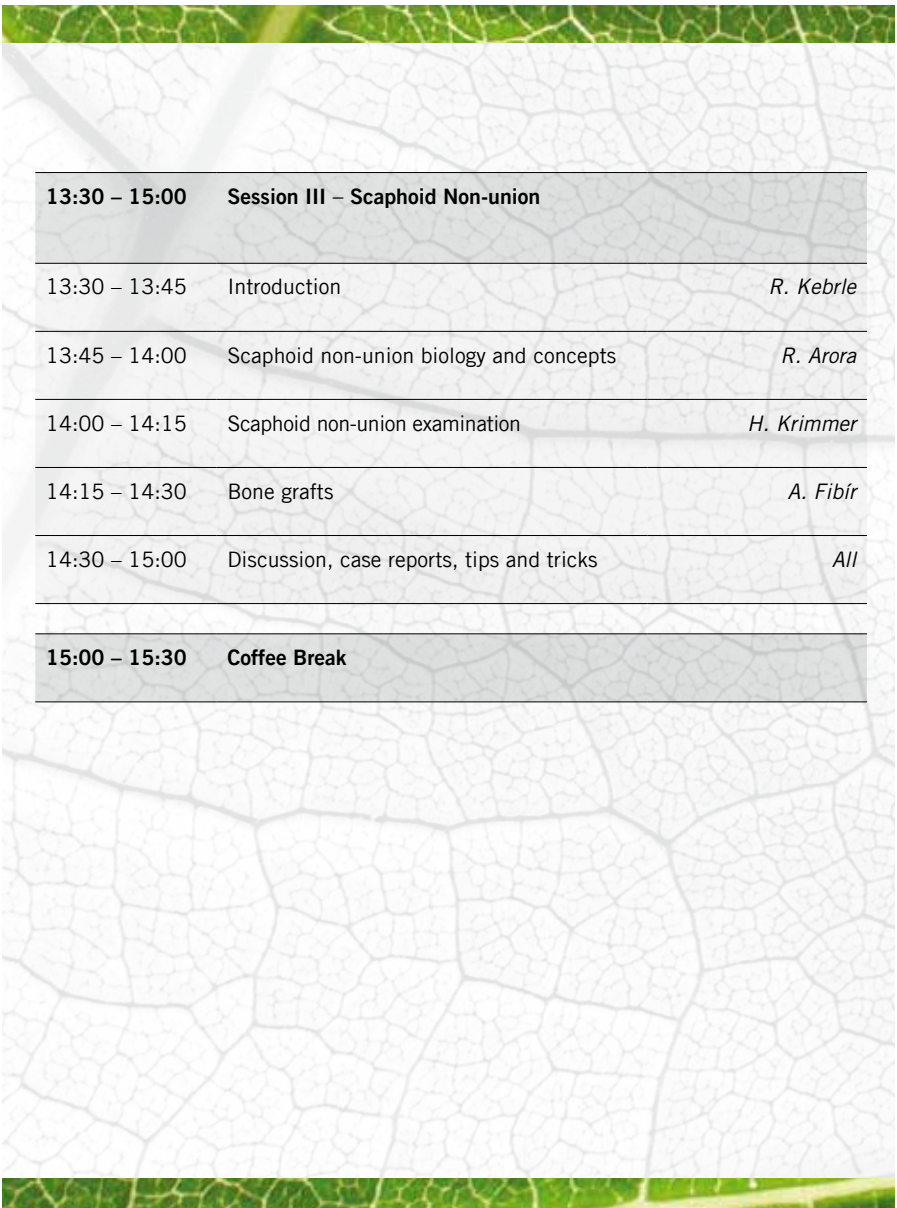


## Friday – April 15, 2016




|                      |   |                      |
|----------------------|---|----------------------|
| <b>10:30 – 12:00</b> | <b>Session II – Scaphoid Fracture Treatment</b> |                      |
| 10:30 – 10:45        | Percutaneous volar and miniopen dorsal approach | <i>P. Dráč</i>       |
| 10:45 – 11:00        | Transtrapezial volar approach                   | <i>F. Verstreken</i> |
| 11:00 – 11:15        | Open volar approach                             | <i>P. Dráč</i>       |
| 11:15 – 11:30        | Combined injuries                               | <i>P. Dráč</i>       |
| 11:30 – 12:00        | Discussion, case reports, tips and tricks       | <i>All</i>           |
| <b>12:00 – 13:30</b> | <b>Lunch</b>                                    |                      |

## Friday – April 15, 2016



|                      |   |                   |
|----------------------|---|-------------------|
| <b>13:30 – 15:00</b> | <b>Session III – Scaphoid Non-union</b>   |                   |
| 13:30 – 13:45        | Introduction                              | <i>R. Kebrle</i>  |
| 13:45 – 14:00        | Scaphoid non-union biology and concepts   | <i>R. Arora</i>   |
| 14:00 – 14:15        | Scaphoid non-union examination            | <i>H. Krimmer</i> |
| 14:15 – 14:30        | Bone grafts                               | <i>A. Fibr</i>    |
| 14:30 – 15:00        | Discussion, case reports, tips and tricks | <i>All</i>        |
| <b>15:00 – 15:30</b> | <b>Coffee Break</b>                       |                   |

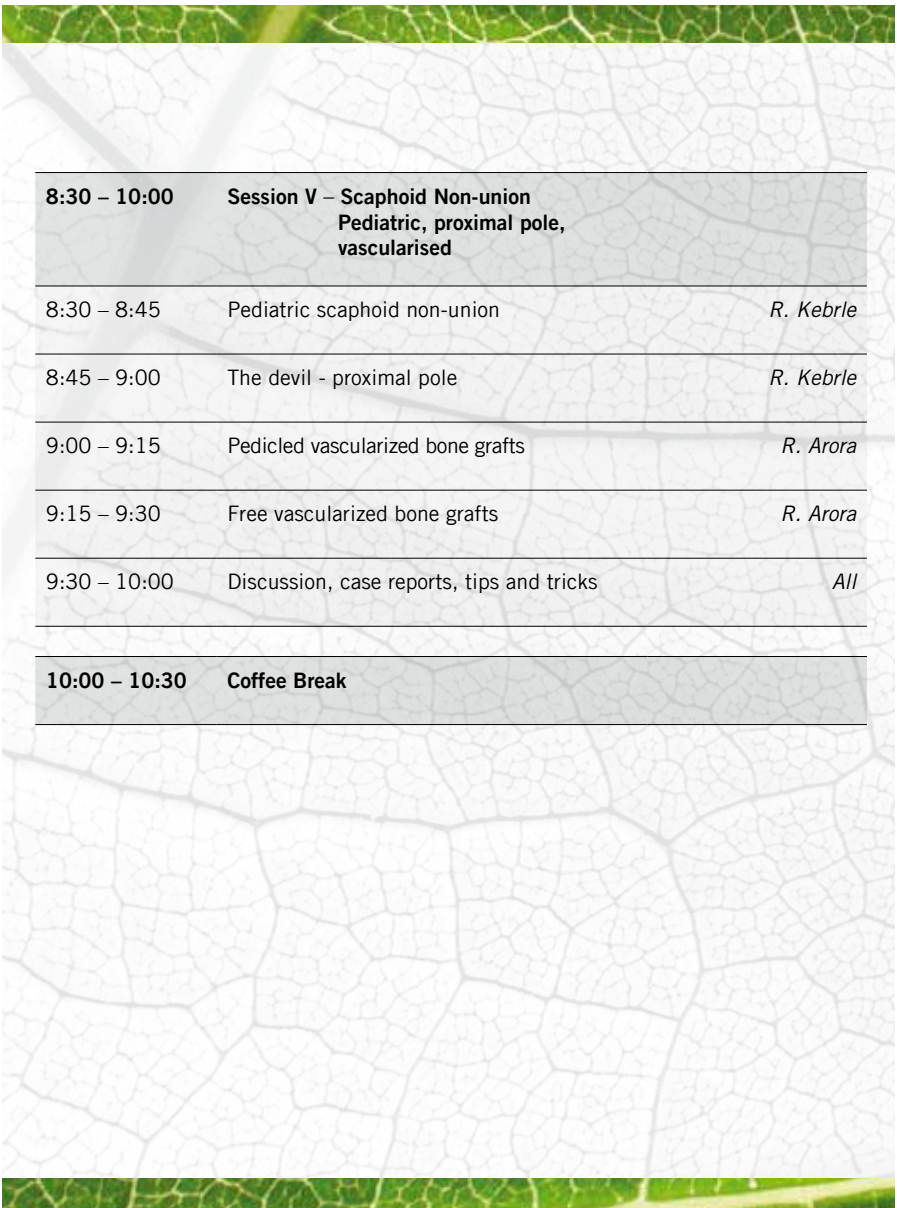
Friday – April 15, 2016



|                      |   |                      |
|----------------------|---|----------------------|
| <b>15:30 – 17:00</b> | <b>Session IV – Scaphoid Non-union non-vascularized graft</b> |                      |
| 15:30 – 15:45        | Volar non-vascularized bone graft                             | <i>H. Krimmer</i>    |
| 15:45 – 16:00        | Percutaneous management of SNU                                | <i>F. Verstreken</i> |
| 16:00 – 16:15        | Arthroscopic scaphoid non-union treatment                     | <i>R. Kebrle</i>     |
| 16:15 – 16:30        | Scaphoid plating in primary scaphoid non-union surgery        | <i>Ch. Pezzeri</i>   |
| 16:30 – 17:00        | Discussion, case reports, tips and tricks                     | <i>All</i>           |
| <b>19:00 – 23:00</b> | <b>Dinner</b>   |                      |



Saturday – April 16, 2016




|                     |  |                  |
|---------------------|--|------------------|
| <b>8:30 – 10:00</b> | <b>Session V – Scaphoid Non-union<br/>Pediatric, proximal pole,<br/>vascularised</b> |                  |
| 8:30 – 8:45         | Pediatric scaphoid non-union   | <i>R. Kebrle</i> |
| 8:45 – 9:00         | The devil - proximal pole  | <i>R. Kebrle</i> |
| 9:00 – 9:15         | Pedicled vascularized bone grafts  | <i>R. Arora</i>  |
| 9:15 – 9:30         | Free vascularized bone grafts  | <i>R. Arora</i>  |
| 9:30 – 10:00        | Discussion, case reports, tips and tricks  | <i>All</i>       |

|                      |                     |  |
|----------------------|---------------------|--|
| <b>10:00 – 10:30</b> | <b>Coffee Break</b> |  |
|----------------------|---------------------|--|



Saturday – April 16, 2016



|                      |  |                      |
|----------------------|--|----------------------|
| <b>10:30 – 12:00</b> | <b>Session VI – Scaphoid Non-union<br/>When reconstruction fails</b> |                      |
| 10:30 – 10:45        | Complications and how to get screw out                               | <i>F. Verstreken</i> |
| 10:45 – 11:00        | Revision strategy and where is the limit                             | <i>Ch. Pezzeri</i>   |
| 11:00 – 11:15        | What else when reconstruction is not possible                        | <i>R. Mattar</i>     |
| 11:15 – 11:30        | Free paper for something important                                   |                      |
| 11:30 – 12:00        | Discussion, case reports, tips and tricks                            | <i>All</i>           |
| <b>12:00 – 12:15</b> | <b>Course Closing</b>  |                      |

## General Information

### Organized by

IBRA - International Bone Research Association, Basel/Switzerland

### Registration & Information

IBRA Administration Office  
Hochbergerstrasse 60E, CH-4057 Basel  
Phone: +41 (0)61 319 05 05, Fax: +41 (0)61 319 05 19  
info@ibra.ch, Website: www.ibra.ch



### Registration Fees

|   | Early registration till<br>15.02.2016 | Late and on site |
|---|---------------------------------------|------------------|
| IBRA Member                                     | EUR 140                               | EUR 170          |
| Czech society for surgery<br>of the hand member | EUR 140                               | EUR 170          |
| Non-Member                                      | EUR 170                               | EUR 200          |
| Resident  | EUR 150                               | EUR 180          |
| Student   | free                                  | EUR 140          |

### Registration Deadline: April 4<sup>th</sup>, 2016

### Accommodation

Hotel reservations are the responsibility of the attendee and can be made by calling the Hotel directly.

Radisson Blu Alcron Hotel, Prague  
Stepanska 40  
110 00  
Prague, Czech Republic

Astoria Hotel Prague  
Rybná 10  
110 00 Praha 1  
Staré Město

Tel: +420 222 820 000  
Email: reservations.prague@radissonblu.com

Tel: +420 221 775 711  
Email: info@hotelastoria.cz

## General Information

### Methods of Payment

Credit Card      VISA       Master Card 

|                     |   |
|---------------------|---|
| Bank Transfer (EUR) | Bank J. Safra Sarasin AG, CH-4002 Basel |
| Account no.         | 6010055.4001                            |
| IBAN no.            | CH87 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 non-attendance.

## The Congress and Social Centre of the Czech National Bank

The historic building of the former Commodity Exchange in Prague is a pantheon of the world of finance. Its standard of comfort, craftsmanship and conservative luxury is the very embodiment of that world. The building has been sensitively renovated to preserve its architectural grandeur. Please accept our invitation to the CNB Congress and Social Centre, a unique venue for prestigious conferences and social, cultural and educational events. The Centre's flexible interior and state-of-the-art technical facilities make it one of the most sought-after venues in Prague. Our clients include prominent public and private institutions – both Czech and foreign – from various fields of activity.

With a total floor area of 1,100 square meters, the CNB Congress and Social Centre can comfortably accommodate up to 900 visitors for social events, conferences or training courses. Its special atmosphere is complemented by superb technical facilities, including audio equipment, lighting, and interpreters' booths.

The CNB's social spaces bear the imprint of the hundreds of major events they have hosted. They are an increasingly popular meeting venue for companies in creative industries, commercial businesses and cultural workers. The main hall and reception rooms of the former Commodity Exchange are imbued with a unique atmosphere. This is a place where history has been made, a place that has been visited by hundreds of politicians and by the leading lights of the Czech and international financial world.

You will be immediately enchanted by the fin de siècle atmosphere of the interior, designed by the Austrian architect Friedrich Ohmann.

Welcome and enjoy your event

CNB Congress Centre  
Senovážné náměstí 30 115 03 Praha 1  
[www.cnb.cz/kc](http://www.cnb.cz/kc)







## IBRA Training Center

Vysoke nad Jizerou, Czech Republic, Hand and Plastic Surgery Institute

The Hand and Plastic Surgery Institute in Vysoke nad Jizerou offers services covering large spectrum of surgery and physiotherapy of the hand.

Areas of surgical and clinical expertise:

- Acute injuries of the hand, wrist and forearm, including microsurgical procedures
- All types of hand, wrist and distal forearm fractures, as well as the correction of malalignments and deformities
- Nerv injuries, from the hand to elbow - acute and secondary reconstructions of injuries of peripheral nerves and their compression syndromes
- Salvage procedures of the hand, wrist and distal forearm, including implants
- Degenerative diseases - inflammatory or degenerative joint affection
- Congenital malformation
- Tumor surgery
- Plastic, reconstructive and aesthetic surgery
- Physiotherapy and splinting of the hand

Microsurgical servis including free tissue transfers is offered in cooperation with surrounding regional hospitals (Liberec, Mlada Boleslav, Hradec Kralove).

Education and clinical training in hand surgery including short time resident visit (2-6 weeks) and resident fellowship (6-12 month) is provided as well.

The Hand and Plastic Surgery Institute in Vysoke nad Jizerou is located in Liberec region in the north-eastern Bohemia and situated at the foothills of western Giant Moutains, favourite touristic location for summer and winter activities 100km north from Prague. Our institute has 52 beds and 4 surgical theatres and provides more than 4200 surgical procedures on the hand per year. 24-hour emergency hand trauma service for almost all Czech republic is available.

For further information please write to:

MUDr. Radek Kebrle  
Ustav chirurgie ruky a plasticke chirurgie  
Hand and Plastic Surgery Institute  
Dr. Farskeho 267  
512 11 Vysoke nad Jizerou  
Czech Republic

Phone: +420 481 350 964, +420 481 593 918

Fax: +420 481 593 155

E-Mail: [radek.kebrle@ruka-kosmetika.cz](mailto:radek.kebrle@ruka-kosmetika.cz)

E-Mail: [radek.kebrle@seznam.cz](mailto:radek.kebrle@seznam.cz)





# CHARLES UNIVERSITY



The Faculty of Medicine in Hradec Kralove was established as the first of the new medical faculties immediately after the end of World War II (October 13, 1945). From the beginning it became a part of Charles University, the oldest university in Central Europe (founded in April 7,1438 by Charles IV, the Holy Emperor and King of Bohemia). Faculty of Medicine in Hradec Králové started its educational activities on November 25, 1945 established as a part of the Prague Medical Faculty. Due to their cooperation it was immediately possible to establish both a high quality teaching staff and an effective medical structure in Hradec Králové.

Founded on the basis of one of the most advanced district hospitals at the same time as the Faculty of Medicine, University hospital became a centre of progress in many medical aspects. 1947-1952 Czech cardiosurgery was started here by J. Bedrna. In 1952 first tissue bank in Hradec Králové and first department of neurosurgery were founded by R.Klen and R.Petr. In 1958, first extracorporeal circulation was used during open heart surgery. As integral part of the hospital, department of plastic surgery is one of the leading departments in hand surgery in Czech republic with clinical as well as scientific interest in this field.

For its entire 57 years of existence, the Faculty of Medicine in Hradec Kralove has been among top Czech university institutions. Till now, almost 10 000 general and dentists doctors have finished their studies.



**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**

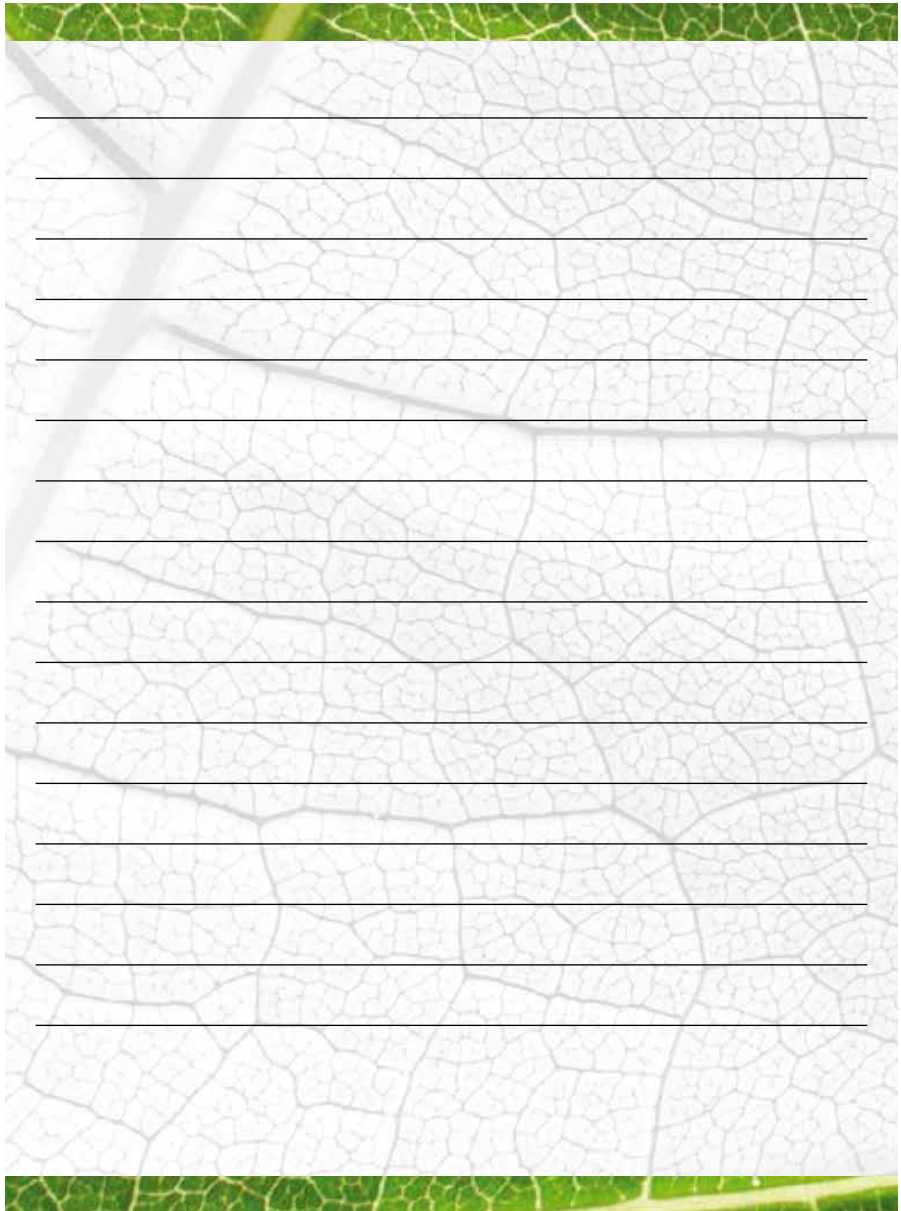
IBRA offers financial support for research projects dealing with bone biology and the improvement or development of internal fixation devices for maxillofacial and limbs surgery. With the emphasis on innovation and suitability for practical application, 95% of the research budget goes towards applied 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.

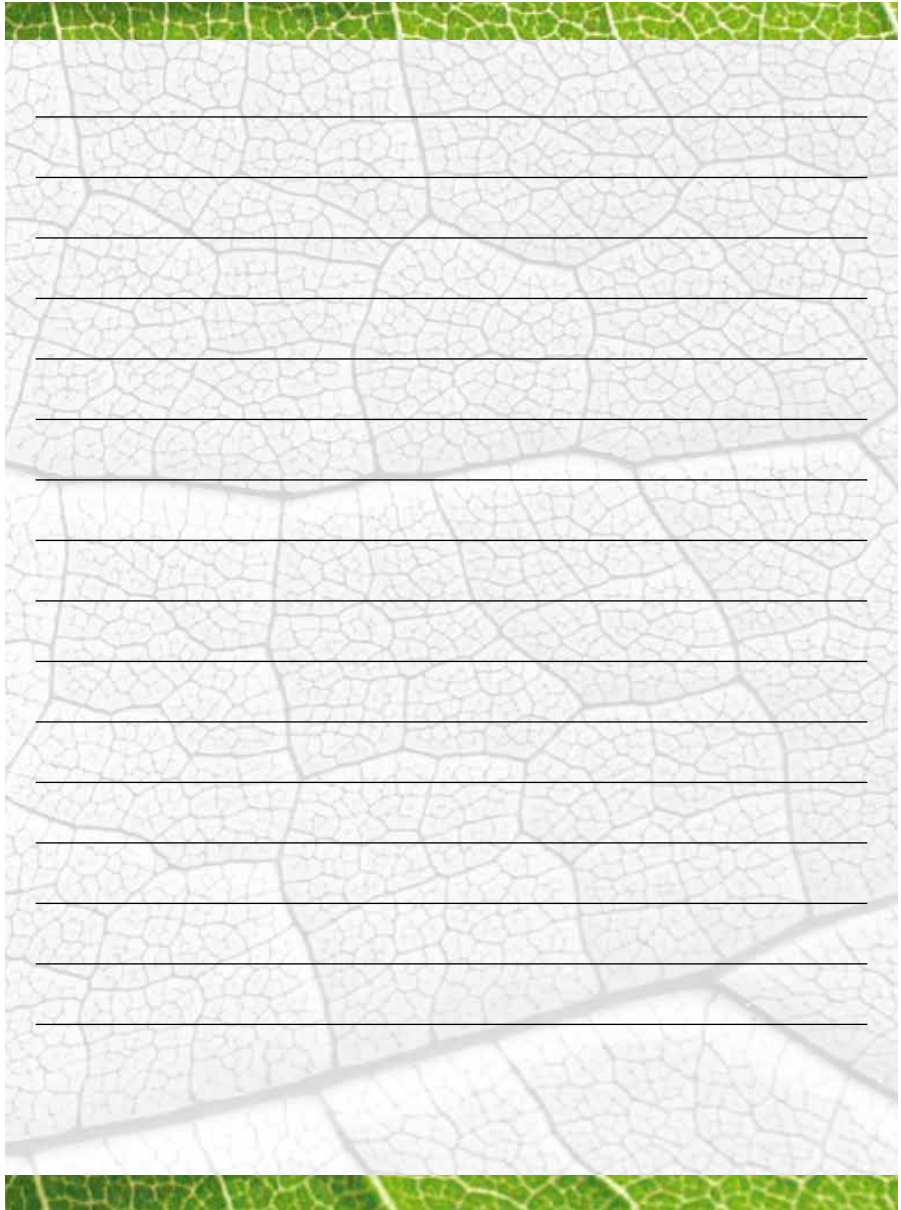


# Notes

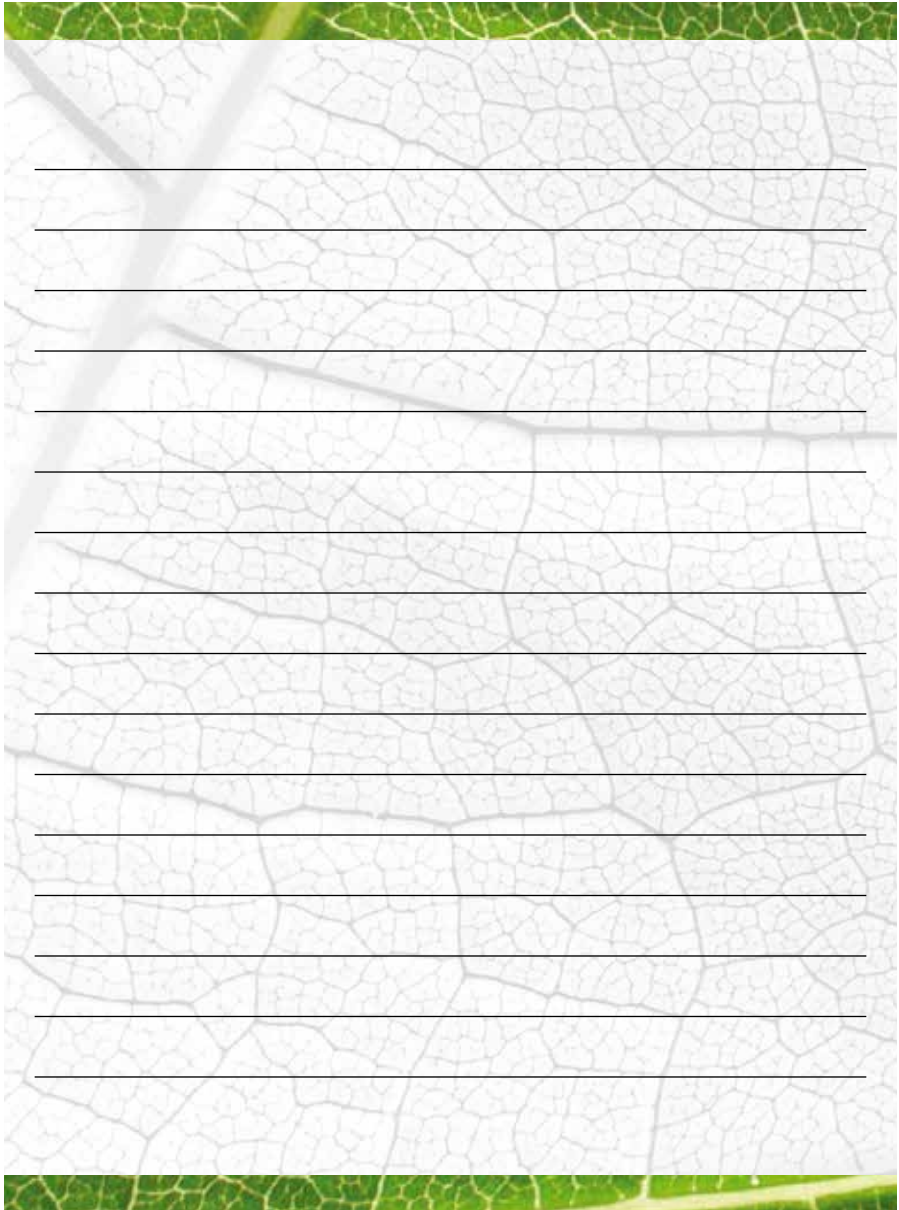




# Notes

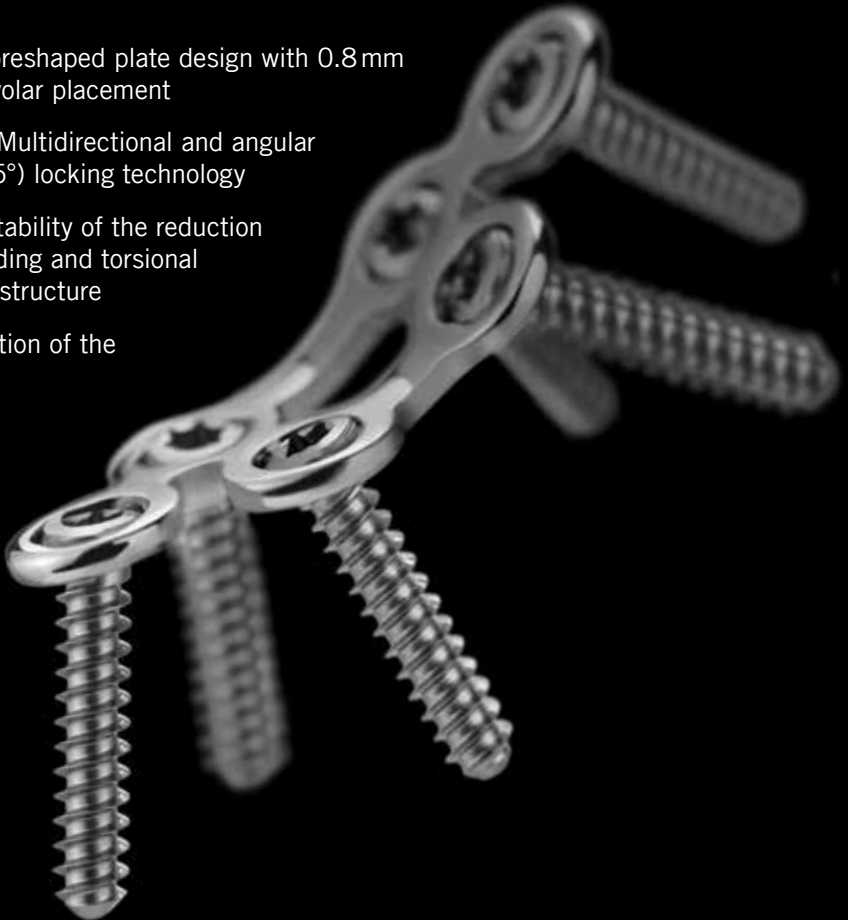


# Notes



# APTUS® TriLock® 1.5 Scaphoid Plate

- Anatomic preshaped plate design with 0.8 mm profile for volar placement
- TriLock® – Multidirectional and angular stable ( $\pm 15^\circ$ ) locking technology
- Excellent stability of the reduction due to bending and torsional stable grid structure
- Secure fixation of the bone graft



IBRA  
International Bone Research Association

Hochbergerstrasse 60E  
CH-4057 Basel  
Phone +41 61 319 05 05  
Fax +41 61 319 05 19  
info@ibra.ch  
www.ibra.ch

