BRUSSELS HAND/UPPER LIMB INTERNATIONAL SYMPOSIUM

Genval
Brussels, Belgium

Hand, Wrist and Elbow Surgery
Classical vs Innovative Concepts and Techniques
February 3-4, 2017

Hands-on Precourse on Elbow and Wrist Arthroscopy
February 2, 2017

www.brusselshandsymposium.eu
AIMS AND FORMAT

The 25th edition of the annual Brussels/Genval Symposium will take place on Friday, February 3 and Saturday, February 4, 2017. The Symposium is as always dedicated to a specific interdisciplinary topic involving the upper limb. The 2017 edition, the last one organized by F Schuind, will present the best of hand, wrist and elbow surgery: classical techniques vs new, exciting procedures, bringing potentially significant advantages but not having yet stood the test of time. The Château du Lac at Genval will again be the beautiful venue for this symposium. The previous meetings have truly been international with up to 150 participants from 25 different countries.

When comparing the most advanced techniques nowadays performed, a revolution seems to have taken place in our operation rooms, in reference to what we were doing twenty or even ten years ago. Some operations are now performed percutaneously, under sonographic control. Endoscopic neurolysis has found its place at the shoulder and elbow, not only at the wrist, and some use a robot for brachial plexus surgery. Nerve transfers offer improved clinical results in complex nerve lesions. Various new prosthetic arthroplasties and bone fixation techniques are proposed almost every year, yet loosening, corrosion, periprosthetic fractures remain important clinical problems after joint reconstruction. Many elbow and wrist procedures are now performed under arthroscopic control: to give an example, the treatment of a scaphoid non-union. Alternatively, in this indication some authors recommend a free microsurgical bone transfer. What are the results, complications and patients’ satisfaction after these new techniques as compared to the classics, for a scaphoid non-union a non-vascularized bone graft with screw fixation? Computer assisted surgery and navigation have not yet found a good place in upper extremity surgery, but preoperative planning based on 3D-imaging and guides have revolutionized upper extremity osteotomies. Perforator flaps and super-microsurgery have improved our skin reconstruction armamentarium. Fresh frozen allografts or treated allografts are to our disposal, not only for skeletal reconstruction but also for nerve and skin repair, the most remarkable successful allograft being the hand transplant. Do the results of hand transplantation favourably compare to those of bionic prostheses? New drugs are available, for example collagenase to treat fibrous contractures, botulinum toxin to diminish muscular tone, or long-acting liposome or crystal local anaesthetics to control postoperative pain. In rehabilitation, mirror therapy and related computer techniques help many patients suffering of chronic upper extremity pain. And there are many other examples of innovation in the care of upper extremity affections.

The symposium will comprise debates between classical techniques and innovations. We expect interesting “clashes” between the defenders of each procedure, from which the participants will forge their own opinions. As usual, much time will be set aside for the discussions. Presentations will be by invited faculty, but a limited number of free papers will be as well accepted.

SPECIFIC AIMS

• To discuss innovative upper extremity concepts and techniques, to evaluate their results and complications, in light of the classics;
• To formulate, on these bases, recommendations to the medical community;
• To discuss unsolved problems and possible solutions;
• To explore future directions of research.
PROGRAM DIRECTOR

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SCIENTIFIC DIRECTORS

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A. Aly (Brussels, Belgium)
J. Bahm (Brussels, Belgium and Aachen, Germany)
K. Cermak (Brussels, Belgium)
W. El Kazzi (Brussels, Belgium)
F. Moungondo (Brussels, Belgium)
L. Van Overstraeten (Tournai, Belgium)
R. van Riet (Deurne and Brussels, Belgium)

INTERNATIONAL FACULTY

A. Aly (Brussels, Belgium)
J. Bahm (Brussels, Belgium and Aachen, Germany)
G. Bain (Adelaide, Australia)
O. Barbier (Brussels, Belgium)
A. Carlier (Liège, Belgium)
K. Cermak (Brussels, Belgium)
N. Cuylits (Brussels, Belgium)
V. Créteur (Brussels, Belgium)
I. De Greef (Leuven, Belgium)
L. De Smet (Leuven, Belgium)
K. Drossos (Brussels, Belgium)
W. El Kazzi (Brussels, Belgium)
PC. Ho (Hong Kong, China)
M. Jayankura (Brussels, Belgium)
D. Koulalis (Athens, Greece and Brussels, Belgium)
J-P. Moermans (Brussels, Belgium)
F. Moungondo (Brussels, Belgium)
P. Pandin (Brussels, Belgium)
C. Robert (Brussels, Belgium)
F. Schuind (Brussels, Belgium)
M. Shahabpour (Brussels, Belgium)
F. Stockmans (Kortrijk, Belgium)
L. Van Overstraeten (Tournai, Belgium)
R. van Riet (Deurne and Brussels, Belgium)
A. Van Tongel (Ghent, Belgium)
F. Verstreken (Deurne, Belgium)
E. Vögelin (Bern, Switzerland)
Elbow and wrist arthroscopic cadaver workshop. Experts will first demonstrate their techniques. Two participants per station will be able to exercise the procedure.

Location: Laboratory for Functional Anatomy, ULB - Campus Erasme (CP 619), Rue de Lennik 808, 1070 Brussels

07.00 Bus transfer Genval- Brussels, registration, coffee and croissants
08.30 Change and instructions
08.45 **Demonstration**: Installation for Wrist Arthroscopy, Portals, Radio-Carpal Arthroscopy
09.15 **Demonstration**: Elbow Arthroscopy Portals and Orientation
09.45 **Hands-on workshop**
  Group A: Radio-Carpal Arthroscopy
  Group B: Elbow Arthroscopy, Portals and Orientation
11:00 **Demonstration**: Evaluation of Radio-Carpal Extrinsic and Intrinsic Ligaments, TFC Assessment and Repair
11:30 **Demonstration**: Lateral Epicondylitis Debridement
12.00 **Hands-on workshop**
  Group A: TFC Assessment and Repair
  Group B: Lateral Epicondylitis Debridement
13.15 Lunch
14.00 **Demonstration**: Medio-Carpal Arthroscopy
14.30 **Demonstration**: Arthroscopic Elbow Arthrolysis
15.00 **Hands-on workshop**
  Group A: Medio-Carpal Arthroscopy
  Group B: Arthroscopic Elbow Arthrolysis
16.15 **Demonstration**: Trapeziometacarpal Arthroscopy, Partial Trapeziectomy and Mini-Tightrope Suspension
16.45 **Demonstration**: Biceps Tendon Endoscopy and Tendon Re-Insertion
17.15 **Hands-on workshop**
  Group A: Trapeziometacarpal Arthroscopy
  Group B: Biceps Endoscopy
18.30 Demonstration: Metacarpophalangeal Ligamentoplasty
19.00 Cocktail in Museum of Anatomy, Campus Erasme, Université libre de Bruxelles
20.30 Return bus to Genval
FRIDAY, FEBRUARY 3, 2017

25TH BRUSSELS HAND/UPPER LIMB INTERNATIONAL SYMPOSIUM

08.15 – 17.00 Registration

09.00 – 10.35 SESSION 1: AN INTRODUCTION TO THE SYMPOSIUM (1)

Moderators: M. Jayankura, A. Van Tongel

09.00 Opening Address: Twenty-Five Years of Upper Extremity Symposia at Genval
F. Schuind (Brussels, Belgium)
09.15 Upper Limb Plexus Blocks With or Without Stellate Ganglion Blockade: An Update
P. Pandin (Brussels, Belgium)
09.30 Free Latissimus Dorsi Flap for Upper Limb Coverage, Classical versus Robotic Harvesting
N. Cuylits (Brussels, Belgium)
09.45 Peripheral Nerves in Hand, Wrist and Elbow Surgery : a 2017 Update
J. Bahm (Brussels, Belgium and Aachen, Germany)
10.00 Nerve Transfer as an Alternative to Tendon/Muscle Transfer
L. De Smet (Leuven, Belgium)
10.15 Discussion
10.35 Coffee-Break and Visit of the Commercial Exhibition

11.05 – 12.40 SESSION 2: AN INTRODUCTION TO THE SYMPOSIUM (1)

Moderators: D. Koulalis, E. Vögelin

11.05 Elbow Arthroscopy and Endoscopy
G. Bain (Adelaide, Australia)
11.20 3d Technology in Various Aspects of Hand Surgery
F. Verstreken (Antwerp, Belgium)
11.35 Upper Limb Casts : from Plaster of Paris to 3D Scanning and Printing
O. Barbier, L.P. Broze, F. De Boeck, F. De Smet, X. Libouton (Brussels, Belgium)
11.50 Setting Up a Home Microsurgical Lab
F. Youssef, A. Aly (Cairo, Egypt)
12.05 Home Based Exercise Program - Why, How, How Often
Ch. Robert, D. Mouraux (Brussels, Belgium)
12.20 Discussion
12.40 Lunch and Visit of the Commercial Exhibition

14.00 – 16.30 SESSION 3: SHOULDER AND ELBOW (1)

Moderators: F. Moungondo, G. Bain

14.00 Management of Shoulder Contracture in Obstetrical Brachial Plexus Palsy, between the Past and the Present
A. Aly (Cairo, Egypt)
14.10 Discussion
14.15 Rotator Cuff Tears : Arthroscopic versus Open Technique
D. Koulalis (Athens, Greece and Brussels, Belgium)
14.30 Discussion
14.35 Innovative Complex Compound Shoulder Fracture Fixation via Improvised Angle Blade Plate and Vancomycin Paste
14.45 Discussion
14.50 The Function of the Brachioradialis during Elbow Flexion
B. Caufriez, E. Brassinne, D. Mouraux, P.M. Dugailly, F. Schuind (Brussels, Belgium)
15.00 Discussion
15.05 Complex Elbow Instabilities
G. Bain (Adelaide, Australia)
15.15 Discussion
15.20 Arthroscopic versus Open Elbow Lateral Collateral Ligament Reconstruction
R. van Riet (Antwerp, Belgium)
15.35 Discussion
15.40 Distal Humeral NonUnions : Biological Healing
F. Schuind, F. Moungondo (Brussels, Belgium)
15.50 Hinged External Elbow Distractor : Salvage to Arthrodesis in Joint Destruction
I. Deguef, J. Lammens (Leuven, Belgium)
16.05 Discussion
16.15 Rehabilitation after Intraarticular Fractures of the Distal Humerus : the Effect of Combination between PNF with Elastic Resistance, Pilates Machines, and Kinesiotaping Applications - how they work together?
A. Nikolova, D. Encev, A. Balto, Ch. Rangger (Sofia, Bulgaria and Frankfurt, Germany)
16.25 Discussion
16.30 Coffee-Break and Visit of the Commercial Exhibition

16.50 – 17.40 SESSION 4: ELBOW (2)

Moderators: I. Deguef, R. van Riet

16.50 An Update about Tennis Elbow
A. Van Tongel (Ghent, Belgium)
17.05 Discussion
17.10 Endoscopic versus Open Distal Biceps Repair
R. van Riet (Antwerp, Belgium)
17.20 Discussion
17.25 A Ratio Based Approach to Identification of the Posterior Interosseous Nerve in the Proximal Forearm
V.M. George, T.S. Jepegnanam, I.J. Prithishkumar (Vellore, India)
17.35 Discussion

17.40 – 18.10 SESSION 5: INNOVATIVE CONCEPTS AND TECHNIQUES, CASE PRESENTATIONS

Moderators: F. Schuind, A. Aly

19.00 – 23.00 Social Program : Private visit of the Horta Museum, followed by a guided Art Nouveau walk and dinner in a typical Restaurant
07.30 – 17.00 Registration

08.00 – 09.35 SESSION 6: PERIPHERAL NERVES

**Moderators: J. Bahm, A. Carlier**

08.00  
The Effects of Humeral Shortening on the Three-Dimensional Configuration of the Brachial Plexus  
J. Valcarenghi, A. Andrzejewski, F. Moungondo, V. Feipel, F. Schuind (Brussels, Belgium)

08.10  
The Value of Sonography and MRI Neurography in Peripheral Nerve Lesions  
E. Vögelin (Bern, Switzerland)

08.25  
Sonographic Evaluation of Upper Extremity Nerve Pathology  
V. Creteur, A. Madani, F. Moungondo, F. Schuind (Brussels, Belgium)

08.40  
Practical Demonstration of Sonography  
V. Creteur (Brussels, Belgium)

08.50  
Discussion

09.00  
Endoscopical Nerve Decompression around the Elbow  
E. Vögelin (Bern, Switzerland)

09.10  
Discussion

09.15  
A New Indication for the Hypotenar Fat Pad Flap: End Stage Carpal Tunnel Syndrome  
T. Lattré, S. Brammer, S. Parmentier, C. Van Holder (Waregem, Belgium)

09.25  
Discussion

09.35  
Coffee-Break and Visit of the Commercial Exhibition

10.05 – 11.15 SESSION 7: DISTAL RADIUS AND DRUIJ

**Moderators: F. Stockmans, L. Van Overstraeten**

10.05  
Committed Articular Fractures of the Distal Radius : External Fixation or Volar Plate ? A Prospective, Randomized Study  
N. Pedini, F. Schuind (Brussels, Belgium)

10.15  
Discussion

10.20  
Tips and Tricks to Avoid Complications on the Distal RadioUlnar Joint following Palmar Plating of Unstable Distal Radius Fractures  
J. Rois (Vienna, Austria)

10.30  
Discussion

10.35  
Diagnosis and Management of Foveal tear vs Dorsal Tear of TFCC  
P.C. Ho (Hong Kong, China)

10.50  
Discussion

10.55  
Arthroscopic Osteotomy for Intra-Articular Distal Radius Malunion  
F. Moungondo (Brussels, Belgium)

11.10  
Discussion
11.15–11.55 SESSION 8: SCAPHOID

Moderators: F. Verstreken, L. De Smet

11.15 Arthroscopic Bone Grafting for Scaphoid NonUnion with DISI Deformity
P.C. Ho (Hong Kong, China)

11.25 Reconstruction of the Proximal Pole of the Scaphoid using a Vascularised Osteochondral Femoral Trochlea Flap
K. Kalb, B. Blanarsch (Bad Neustadt, Germany)

11.35 Prognostic Factors in the Treatment of Scaphoid Nonunions
F. Schuind, F. Moungondo, W. El Kazzi (Brussels, Belgium)

11.45 Effect of Neurodynamic Mobilizations on Fluid Dispersion on Median Nerve at the Level of the Carpal Tunnel: A Cadaveric Study
M. Boudier-Revéret M., K.K. Gilbert K.K., D.R. Allégue D.R., M. Moussadyk, J-M. Brismée J-M., V. Feipel V., P-M. Dugailly P-M., S. Sobczak (Montreal, Québec, Canada, Lubbock, Texas, USA and Brussels, Belgium)

11.55 Discussion

12.05 Lunch and Visit of the Commercial Exhibition

13.15 – 15.00 SESSION 9: CARPAL INSTABILITIES

Moderators: O. Barbier, P.C. Ho

13.15 Arthroscopic Classification of Extrinsic Ligaments and Dorsal Capsulo-Scapho-Lunate Septum
L. Van Overstraeten, E. Camus, M. Shahabpour (Brussels, Tournai, Belgium and Maubeuge, France)

13.30 Place of ECRL Tenodesis for the Treatment of ScaphoLunate Instability
W. El Kazzi (Brussels, Belgium)

13.45 SLAC and SNAC Treatment’s: CarpalFix® Device
A. Andrzejewski, Ph. Etienne (Brussels, Belgium)

13.55 Discussion

14.05 Complex Wrist Instabilities
G. Bain (Adelaide, Australia)

14.15 Normal and Pathologic MR Imaging of Extrinsic and MidCarpal Ligaments
M. Shahabpour, A. Milants, L. Van Overstraeten, M. De Maeseneer (Brussels, Tournai, Belgium)

14.30 MR Arthrography of Secondary Carpal Stabilizers with Arthroscopic Correlation
M. Shahabpour, M. De Maeseneer, B. Staelens, E. Camus, L. Van Overstraeten (Brussels, Tournai, Belgium and Maubeuge, France)

14.40 Discussion

14.50 Diagnosis and Ligament Reconstruction for Palmar Mid-Carpal Instability
P.C. Ho (Hong Kong, China)

15.00 Coffee-Break and Visit of the Commercial Exhibition
15.30 – 16.45 SESSION 10: TRAPEZIO-METACARPAL JOINT

**Moderators:** K. El Kazzi, P.C. Ho

15.30  **Dynamic Evaluation of CarpoMetacarpal Instability**  
F. Stockmans (Kortrijk, Belgium)

15.45  **CarpoMetacarpal Stabilization by only Reconstructing the DorsoRadioLateral Ligament**  
F. Stockmans (Kortrijk, Belgium)

15.55  **Discussion**

16.05  **Retrospective Analysis of a Series of Trapezio-Metacarpal Prostheses type ISIS**  
M. Bazi, S. Boulares, Ph. Everaert (Charleroi, Belgium)

16.15  **Dual Mobility TrapezioMetacarpal Implant: Principles and Clinical Series**  
P. Ledoux, B. Lussiez, C. Falaise (Mons and Valenciennes, Belgium and France)

16.25  **A Cupless CarpoMatacarpal Arthroplasty**  
F. Stockmans (Kortrijk, Belgium)

16.35  **Discussion**

16.45 – 17.35 SESSION 11: HAND

**Moderators:** K. Cermak, N. Cuylitis

16.45  **New Aspects of Treatment of Dupuytren Disease**  
J-P. Moermans (Brussels, Belgium)

17.00  **Collagenase Treatment in Dupuytren Disease: Enzymatic versus Surgical Fasciectomy**  
I. Degreex, K. Cootjans, M. Van Nuffel (Leuven, Belgium)

17.10  **Discussion**

17.20  **Percutaneous Sonography-Guided Trigger Finger Release**  
F. Moungondo (Brussels, Belgium)

17.30  **Discussion**

17.35 – 18.00 SESSION 12: INNOVATIVE CONCEPTS AND TECHNIQUES, CASE PRESENTATIONS - SUMMARY AND CONCLUSION

**Moderators:** F. Schuind, K. Bahm

17.35  **Ten Questions to the Floor and the Faculty**

17.45  **Summary and Conclusions**  

17.55  **End of Symposium**
SYMPOSIUM INFORMATION

http://www.brusselshandsymposium.eu

SYMPOSIUM VENUE
Château du Lac
Avenue du Lac 87
1332 Genval - Belgium

REGISTRATION FEES
Registration On-line at: http://www.brusselshandsymposium.eu

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Optional: touristic visit
and banquet (3 Feb. 2017) (4) € 100

(1) Fees include meeting attendance, congress bag with the abstract book and all related documents (certificates of payment and attendance, badge etc.), and lunches. Not included: hotel accommodation, meals except lunches. Acknowledgement of registration and receipt of fees will be sent soon after the registration form and full payment are received. Upon request, a letter of invitation will be sent. Payments should be made free of all bank charges and commissions. The organizers cannot be held responsible for any personal injury, loss, damage, accident to private property, or additional expenses incurred as a result of delays or changes in air, rail, sea, road or other services, strikes, sickness, weather, war, sports and other causes. Luggage is at owners risk throughout unless insured.

(2) Please include a certificate signed by head of department.

(3) Fees include access to the cadaver workshop, certificate of attendance, lunch, refreshment and transport from and to the Château du Lac.


CANCELLATION
In the event of cancellation, a full refund (less € 100 as a handling fee) of the registration fees may be obtained, provided that written notification is received by December 5, 2016. A 50 % refund will be made for cancellations received by January 5, 2017. No refunds will be made thereafter.
**ACCOMMODATION**

**Château du Lac (5 stars hotel) (Venue)**

15 km south of Brussels. An invigorating and sophisticated ambience, exquisite décor, fine cuisine. Free access available at the 'John Harris Fitness Centre' for participants accommodated at the Château.

Indicative rate: single 195 €/night with breakfast.

**Address:**
Château du Lac, avenue du Lac, 87, B-1332 Genval, Belgium
Tel.: + 32 2 655 71 11 – Fax + 32 2 655 74 44 - E-mail: seminars.cdl@martinshotels.com
Participants can also be accommodated at the hotel "Le Lido"; a 3 stars hotel located about 2 km from the Château du Lac (no transport will be provided).
Indicative rate: single 160 €/night with breakfast.

**Address:**
Le Lido, 20, rue de Limalsart, B-1332 Rixensart, Belgium
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