Programme

4th Luxembourg Osteotomy Congress

DEGENERATIVE and POSTTRAUMATIC DEFORMITIES?
Preserve the knee joint!

30 November – 1 December 2018  Centre Hospitalier, Luxembourg

Chairmen: Dietrich Pape, MD, PhD, Professor | Romain Seil, MD, PhD, Professor
Co-Chairmen: Dieter Kohn, MD, PhD, Professor | Henning Madry, MD, PhD, Professor
Andrey Korolev, MD, PhD, Professor

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International experts • Hands-on workshops • www.osteotomy-congress.com
Dear Colleagues,

Experts estimate that up to 1/3 of knee replacement patients may have benefited from an osteotomy instead. European Arthroplasty Registers clearly show that up to 20% of all patients with total knee prosthesis are not satisfied with their knee function, mainly because of residual stiffness and pain. Although the number of osteotomies per year is still low, scientific interest in joint preserving procedures is rising worldwide due to improvements of planning, surgical technique and implants. Moreover, the indications for osteotomies around the knee are much broader and imply e.g. the simultaneous treatment of deformities and ligament instabilities including the patellofemoral joint. In approximately 25% of all deformity patients, the origin of malalignment is distant from the joint line and the determination of the center of rotation and angulation (CORA method) of the deformity is mandatory. Multiplanar deformities can be dealt with double osteotomies or – in the presence of soft-tissue compromise – with newly designed external fixators which allow for a simultaneous angular and limb length correction.

This 4th International Osteotomy Congress in Luxembourg is supposed to inform both young and experienced colleagues in the field of orthopedic / trauma surgery who regularly treat patients with knee OA and posttraumatic deformities. It offers a unique opportunity to gather detailed information of various techniques and implants from numerous industrial partners at a single event. A panel of high level International experts will present their favourite treatment algorithm. Critical discussions of these presentations are guaranteed. A number of hands-on workshops add to the practical experience. We hope that the scientific programme will help you to maintain the state of the art of this rapidly evolving field and to help you choosing the “right” implant for each patient.

We look forward to welcoming you in Luxembourg in November 2018.

Prof. Dr. Dietrich Pape
Prof. Dr. Romain Seil

Friday, 30 November 2018

09.00 Registration
09.15 Welcome / Pape, Seil

SESSION I: Osteotomies for degenerative deformities

Chair: Pape, Seil
09.30 History of osteotomies / Wilson
09.45 HTO and biological preservation of the knee / Madry
10.00 Biomechanics of osteotomies around the knee / Amis
10.15 5 years result from the Swedish Osteotomy Register / W-Dahl
10.30 Joint line orientation in osteotomies / Kley
10.45 Double-level osteotomy – technique and results / Staubli
11.00 Discussion
11.15 Coffee Break
11.45 How to design a good clinical study / Mouton
12.00 Biomechanical testing of osteotomy plates / Maas
12.15 Finite Element Analysis in HTO / Diffio Kaze
12.30 Fill the wedge – biomechanical implications / Belsey
12.45 Stress and strain concept in bone healing / Stoddard, AO Institute
13.00 Discussion

SESSION II: Epidemiology/Complications/New techniques

Chair: Kohn, Teitge
14.15 British Osteotomy Registry: update on UKKOR / Wilson C.
14.30 Reducing the risks: surgical principals for HTO / Pape
14.45 Neuromuscular complications – worst case scenario / Gerich
15.00 Chronic bone infections / Borens
15.15 Fill the wedge – clinical implications / Claes
15.30 New implants, new challenges / Dawson
15.45 Osteotomies in the 3rd World: simple fixation techniques for complex problems / Hligi, Fritschi
16.00 Discussion
16.15 Coffee Break
16.45 Workshop
18.30 Workshop
SESSION III: Advanced concepts for osteotomies

Saturday, 1 December 2018

08.15 Welcome / Seil, Pape
08.20 Minimal Invasive Surgery (MIS): surgical technique HTO / Wilson A.
08.40 Minimal Invasive Surgery (MIS): surgical technique DFO / Kley
09.00 Patient specific surgery (PSI) in osteotomies / Fucentese
09.20 Limits of and surgical alternatives to PSI / van Heerwaarden
09.40 Does alignment / high BMI affect cartilage thickness? / Moyer
10.00 HTO: a disease modifying operation? / Giffin
10.20 Osteotomies around the knee – the Russian perspective / Korolev
10.40 Basic principles of external fixation using the Ilizarov device for the correction of bone deformities / Solomin
11.00 Discussion
11.15 Coffee Break

SESSION IV: Advanced concepts for osteotomies

11.30 Torsional Deformities / Teitge
11.50 Distal tibial osteotomy / Spencacchio
12.05 Tibial slope correction in the PCL deficient knee / Seil
12.20 HTO and ACL: indications and surgical technique / Moyer
12.40 HTO and TKA / van Heerwaarden
13.20 PSI for knee osteotomies: a new toolbox / Ollivier
13.40 Lunch Break
14.30 – 16.15 Workshops

Friday, 30 November 2018

16.45–17.15 WS 01: Hands-on workshop Synthes: Tibia / Staabli
17.00 WS 02: Hands-on workshop Arthrex: Open Wedge High Tibial Osteotomy / Moyer
17.35–18.05 WS 03: Hands-on workshop Synthes: Tibia / Staabli
18.00 WS 04: Hands-on workshop Arthrex: Open Wedge High Tibial Osteotomy / Moyer
18.30–19.30 WS 05: Stryker – How to cut the bone: Surgical principles with and without a precision saw blade / Hoffmann, Kley
19.00 WS 06: Newcliptechics workshop with the ActivationPlates – PSI surgical technique / Ollivier
19.30–20.00 WS 07: Stryker – How to cut the bone: Surgical principles with and without a precision saw blade / Hoffmann, Kley
20.00 WS 08: Newcliptechics workshop with the ActivationPlates – PSI surgical technique / Ollivier
20.30–21.00 WS 09: Brainlab – Digital planning of knee osteotomies (TraumaCad) / Dawson, Howard
21.00 WS 10: Medi Workshop – Braces for osteoarthritis and ligament injuries of the knee
21.30–22.00 WS 11: Brainlab – Digital planning of knee osteotomies (TraumaCad) / Dawson, Howard
22.00 WS 12: Medi Workshop – Braces for osteoarthritis and ligament injuries of the knee

Saturday, 1 December 2018

14.30–15.00 WS 07: Stryker – How to cut the bone: Surgical principles with and without a precision saw blade / Hoffmann, Kley
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15.45–16.15 WS 11: Brainlab – Digital planning of knee osteotomies (TraumaCad) / Dawson, Howard
16.15–16.45 WS 12: Medi Workshop – Braces for osteoarthritis and ligament injuries of the knee

We would like to thank our partner “Deutsche Arthrose-Hilfe e.V.” and all other partners of the Luxembourg osteotomy congress 2018 for their extraordinary support!
Venue
Amphitheatre, Centre Hospitalier de Luxembourg,
4 rue Nicolas-Ernest Barblé, 1210 Luxembourg, Luxembourg

Organiser
Luxembourg Institute of Health,
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Times
Friday, 30 November 2018: 08.30 h–18.30 h
Saturday, 1 December 2018: 07.30 h–16.15 h

Registration & Accommodation
Please consult the the website www.osteotomy-congress.com for online registration and accommodation options.

Convention Fees
Medical Specialist  290 €
Fellow, Resident  240 €
Student  120 €

How to reach
By airplane: The international airport of Luxembourg is just 6 km away from the city centre. Have a look at the website www.lux-airport.lu to see which airlines fly in to Luxembourg.

By train: Luxembourg is connected to the TGV and ICE network and can be reached from the bordered countries easily. For your information use the following links: www.bahn.de / www.sncf.com / www.b-rail.be / www.sbb.ch

By car: Bordered by Belgium, France and Germany, Luxembourg is connected to the far corners of Europe by an excellent network of highways: A1, A13, A3, A4, A6, A7.

From the main station please use bus line 22 to reach the congress venue. Detailed information how to reach the “Amphitheatre, Centre Hospitalier de Luxembourg” can be found on: www.chl.lu/fr/contact