SWISSTECH CONVENTION CENTER
ECOLE Polytechnique Fédérale de Lausanne Suisse

DUAL MOBILITY
AND ITS PRACTICE
FRIDAY, 15th JUNE 2018
LAUSANNE, SWITZERLAND

SCIENTIFIC COMMITTEE: Prof. Matthew Abdel (USA) - Dr Nicolas Bonin (France) - Prof. Olivier Guyen (Switzerland) - Prof. Didier Hannouche (Switzerland) - Dr Yasuhiro Homma (Japan) - Dr Hannes Rüdiger (Switzerland) - Prof. Rafael Sierra (USA) - Prof. James Waddell (Canada) - Dr Julien Wegzyn (France) - Prof. Luigi Zagra (Italy)

> DUAL MOBILITY: BASIC SCIENCE AND RESEARCH
> FAILURES AND LIMITATION OF DUAL MOBILITY
> DUAL MOBILITY IN REVISION PROCEDURES
> DUAL MOBILITY FOR YOUNG PATIENTS
Dear Colleagues and Guests,

On behalf of the Executive Committee and the Scientific Committee, I am honored to welcome you to this international dual mobility meeting, here in Lausanne, Switzerland, on 15 June 2018.

Dual mobility is a 40 year-old French concept first described by Professor Gilles Bousquet. After a mainly local French development for about 20 years, this concept has progressively gained attention in many countries and is currently becoming a widespread worldwide concept.

This international meeting will represent a great opportunity to share knowledge and experience with colleagues from Europe, North America, Australia and Asia about the current use of dual mobility in total hip arthroplasty.

The scientific program is focused on lectures given by distinguished speakers and abstract submissions from all over the world.

By attending this meeting, you will be aware of the latest international standards and be informed of the latest innovations regarding the dual mobility concept.

Lausanne is a very attractive place surrounded by vineyard-covered slopes with the Leman lake at its feet, and with the Alps rising impressively from the opposite lakeshore.

We look forward to meeting you in Lausanne, the « Olympic capital »!

Prof. Olivier Guyen
Lausanne University Hospital, CHUV
OPENING – WELCOME ADDRESS
O. Guyen (Lausanne, Switzerland)

SESSION 1: DUAL MOBILITY BASIC SCIENCES & RESEARCH

Chairmen: Hannes RÜDIGER et Julien WEGRZYN

08:10-08:18 Dual mobility cup: improved stability and gait parameters.
A. Acker (Lausanne, Switzerland)

08:18-08:26 Advantageous biomechanical behavior of dual mobility compared to big head and constrained implants.
O. Guyen (Lausanne, Switzerland)

08:26-08:34 Mapping mechanical stresses on dual mobility.
J. Geringer (St Etienne, France)

08:34-08:42 Dual mobility: basic science concerning the retentive rim system.
C. Manin (Lyon, France)

08:42-08:50 The third articulation: the retention collar.
D. Noyer (Bourgoin, France)

08:50-08:58 Is highly crosslinked polyethylene a safe option for dual mobility cup mobile component?
J. Wegrzyn (Lyon, France)

08:58-09:06 Ultrasound technique to analyse the behavior of a dual mobility acetabular system.
R. Desmarchelier (Morges, Switzerland)

09:06-09:14 Does a dual mobility cup generate significant amount of metal ions?
L. Marie-Hardy (Paris, France)

09:14-09:22 Ceramic heads and dual mobility cup.
B. Masson (Toulouse, France)

Discussion

10:00-10:30 COFFEE BREAK – VISIT OF THE EXHIBITION
SESSION 2: FAILURES AND LIMITATIONS OF DUAL MOBILITY

Chairmen: Luigi ZAGRA et Nicolas BONIN

10:30–10:36 Reasons for revision of dual mobility: data from the Australian registry. 
S. Brumby (Adelaïde, Australia)

10:36–10:42 Reasons for revision of dual mobility: matched cohort of 231 dual mobility cups 
and 231 fixed cups collected in a prospective series of 2044 first revision THA. 
JL. Prudhon (Echirolles, France)

10:42-10:48 10 years experience with Dual Mobility cups: analysis of failures. 
L. Zagra (Milan, Italy)

10:48–10:54 Isolated mobile PE liner exchange after intra-prothetic dislocation in dual mobility 
cup – 7 years follow-up. 
J. Béjui-Hugues (Latina, Italy)

10:54–11:00 Dual mobility and psoas syndrome. 
N. Bonin (Lyon, France)

11:00–11:06 Abductor reconstruction. 
R. Sierra (Rochester, MN, USA)

11:06–11:12 Does THA via the direct anterior approach using dual mobility increase leg length 
discrepancy compared to single mobility? 
S. Ishii (Tokyo, Japan)

11:12–11:18 Is there any limit for use of dual mobility in total hip arthroplasty using direct 
approach? 
Y. Homma (Tokyo, Japan)

11:18–11:24 Full-ceramic dual mobility: getting into trouble! 
P. Bizot (Paris, France)

Discussion

12:00–12:45 INDUSTRIAL SYMPOSIUM: DEDIENNE SANTÉ
WHAT’S NEW IN DUAL MOBILITY : THE SYMBOL HEMISPHERICAL CUP

Company Dedienne Santé profile presentation.

Results of 1 year minimum follow-up of a Dual Mobility hemispherical cup: the Symbol. F. Chatain (Grenoble, France)
Dual mobility and its mechanics: advantages and disadvantages of different dual mobility concepts. C. Manin, engineer (Lyon, France)

Trips and pearls to use a Dual Mobility cup in direct anterior approach for total hip arthroplasty? Why did I choose the Symbol. N. Bonin (Lyon, France)

Dual Mobility cup positioning: benefit of an hemispheric design. G. Estour (Challes les Eaux, France)

13:30–13:36
Dual mobility in primary THA: a literature review. H. Rüdiger (Zurich, Switzerland)

13:36–13:42
Analysis of 86 primary implanted THA with dual mobility cup to patients under the age of 65: over 4 years of mean follow-up. K. Bruynseels (Brussels, Belgium)

13:42–13:48
Performance of dual mobility THA in young (less than 55yo) active of fall easy patients. T. Kajiwara (Yokohama, Japan)

13:48–13:54
Dual mobility in less than 60-year old patients: a review of 65 cases at 10-year minimal follow-up. F. Chatain (Grenoble, France)

13:54–14:00
Primary THA: a consecutive series of 310 cups at 12.6 years follow-up. JL. Delalande (Orleans, France)

14:00–14:06
Excellent long-term survivorship of a dual mobility acetabular system. O. Bonnard (Roanne, France)

14:06–14:12
Results of dual mobility in primary procedures: The Geneva experience. D. Hannouche (Geneva, Switzerland)

14:12–14:18
Clinical experience with dual mobility at Chieti University Hospital. V. Salini, F. Fascione (Chieti, Italy)

14:18–14:24
Interest of dual mobility in the treatment of femoral neck fracture in elderly patients. F. Steffan (Echirolles, France)

14:24–14:30
Indications and short-term results of a screwed dual mobility acetabular cup. JP. Camilleri (Lyon, France)

Discussion

15:00–15:30
COFFEE BREAK - VISIT OF THE EXHIBITION
Chairmen: Matthew ABDEL et Olivier GUYEN

15:30-15:38 Dual mobility in revision: data from the Australian and Nordic registries.  
S. Brumby (Adelaïde, Australia)

15:38-15:46 The use and experience of Dual Mobility in Canada: limited but growing in popularity.  
A. Atrey (Toronto, Canada)

15:46-15:54 Dual mobility or big head in revision THA: is there a winner? A comparative study.  
S. Lustig (Lyon, France)

15:54-16:02 Dual-Mobility constructs in revision THA reduced dislocation, re-revision, and reoperation compared to large femoral heads.  
M. Abdel (Rochester, USA)

16:02-16:10 Dual mobility cup in revision THA for infection.  
O. Borens (Lausanne, Switzerland)

16:10-16:18 The use of dual mobility in revision of failed large diameter MoM implants.  
C. Tissot (Lausanne, Switzerland)

16:18-16:26 Conversion of hip hemiarthroplasties to total hip arthroplasty utilizing a dual-mobility construct: excellent short-term outcomes.  
M. Abdel (Rochester, USA)

16:26-16:34 Can dual mobility cups prevent dislocation in all situations after revision THA?  
J. Wegrzyn (Lyon, France)

16:34-16:42 The Burch-Schneider reinforcement cage combined with a dual mobility cup for managing complex acetabular revision arthroplasty in the elderly.  
V. Zottola (Como, Italy)

16:42-16:50 Cemented Dual Mobility into a cage or a fixed cup: a reliable option in THA revision.  
J. Bejui-Hugues (Latina, Italy)

16:50-16:58 Cementing dual mobility in revision THA: the Mayo Clinic experience.  
R. Sierra (Rochester, USA)

L. Zagra (Milan, Italy)

Discussion

17:35-17:45 Conclusion - Congress adjournment.  
O. Guyen (Lausanne, Switzerland)

18:45 CONGRESS DINNER
THE DUAL MOBILITY ORGANIZATION COMMITTEE WISHES TO EXPRESS ITS DEEPEST THANKS TO OUR PARTNERS

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