

**International Hip Society  
Closed meeting**

**Göteborg, Sweden  
June 27-30, 2018**

Ladies and Gentlemen – dear Members,

Inger and I would like to welcome you all to Gothenburg and the 2018 closed meeting of the International Hip Society.

We have 50 presentations on the program during our meeting, so it will be a great scientific event with lots of discussions.

We have put together a social program to be both entertaining and enjoyable for all of us.

If you have any questions, Kajsa Erikson and myself will be available for your help throughout the meeting.

Most welcome to Gothenburg!

Sincerely,

Henrik Malchau, MD, PhD

President, International Hip Society

# Social Program

**Wednesday, June 27, 2018**

**Afternoon** – Check-in to hotel (Reception floor 0)

**Orthopaedic Research Building in Mölndal** (members)

- Buss depart Elite Park Avenue Hotel at 12.40
- Tour of the building 13.00 – 15.00
- Buss depart back to hotel at 15.15
- Buss arrive hotel approximately at 15.30

**Reception** (members and accompany persons): 18.30 – 20.30 at open space outside Banquet Hall 3, floor 1

Dinner – members and accompany persons make own individual arrangements. Ask personnel in lobby – there are several very good restaurants around the hotel.

**Thursday, June 28, 2018**

**Breakfast** (members): 07.00 – 10.00 hotel restaurant, floor 0  
(accompany persons): 07.30 – 10.00 hotel restaurant, floor 0

**Tour at Gothenburg Art Museum** (accompany persons):

- Meet in lobby at 11.00 for a short walk to the museum
- Guided tour at the museum 11.15-12.00
- Short walk back to hotel

**Lunch** (members and accompany persons): 12.30 in separate part of hotel restaurant, floor 0

**Boat trip in archipelago and Dinner at Långedrag's Vårdshus** (members and accompany persons):

- Meet in lobby for bus to leave hotel: 15.30
- Embark M/S LYRON at Stenpiren at 16.00 for a 2-hour tour of the harbor and archipelago. Drinks and snacks will be served on board.
- Disembark at 18.00 in Långedrag for a 3-course dinner at Långedrag's Vårdshus.
- Coach will depart at 21.30 for return to the hotel.

## Friday, June 29, 2018

**Breakfast** (members): 07.00 – 10.00 hotel restaurant, floor 0  
(accompany persons): 07.30-10.00 hotel restaurant, floor 0

**Walking tour to Kronhuset/Kronhusbodarna** (accompany persons):

- Meet in lobby at 11.00 for a walk (or tram tour) to Kronhuset/Kronhusbodarna

**Lunch** (members and accompany persons): 12.45 in separate part of hotel restaurant, floor 0

**Exhibition Louis Vuitton** (accompany persons):

- Meet in lobby: 14.00
- Exhibition at Galleri Nordstan, Västra Hamngatan 55 at 14.30
- Return to hotel at approximately 16.30

**Dinner at Elite Park Avenue Hotel** (members and accompany persons):

- Reception: 18.30 (open space, outside Banquet Hall 3, floor 1)
- Dinner: 19.00 (Banquet Hall 3, floor 1)

## Saturday, June 9, 2018

**Breakfast** (members): 07.30 – 10.00 in hotel restaurant, floor 0  
(accompany persons): 07.30-10.00 in hotel restaurant, floor 0

Spouses/significant others: Free morning

Meeting Adjourns: 11.15

# Scientific Program

**Wednesday, June 27, 2018**

**Orthopaedic Research Building in Mölndal (members)**

- Buss depart Elite Park Avenue Hotel at 12.40
- Tour of the building 13.00 – 15.00
- Buss depart back to hotel at 15.15
- Buss arrive hotel approximately at 15.30

**Thursday, June 28, 2018**

**Venue: Elite Park Avenue Hotel, Banquet Hall 2, floor 1**

**Breakfast** (members): 07.00 – 10.00 in hotel restaurant, floor 0

**Presentations to technician:** 07.00 – 08.00

**Scientific Meeting:** 08.00 – 10.00

**Break:** 10.00 – 10.30

**Scientific Meeting:** 10.30 – 12.30

**Lunch:** 12.30 – 13.30 in separate part of hotel restaurant, floor 0

**Business Meeting:** 13.30 – 15.00

**Friday, June 29, 2018**

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**Presentations to technician:** 07.00 – 08.00

**Scientific Meeting:** 08.00 – 10.15

**Break:** 10.15 – 10.45

**Scientific Meeting:** 10.45 – 12.45

**Lunch:** 12.45 – 13.45 in separate part of hotel restaurant, floor 0

**Scientific Meeting:** 13.45 – 15.30

**Break:** 15.30 – 16.00

**Scientific Meeting:** 16.00 – 17.00

## **Saturday, June 30, 2018**

**Breakfast** (members): 07.30 – 10.00 in hotel restaurant, floor 0

**Presentations to technician:** 07.30 – 08.30

**Scientific Meeting:** 08.30 – 10.00

**Break:** 10.00 – 10.30

**Scientific Meeting:** 10.30 – 11.15

**Meeting Adjourns:** 11.15

**Scientific Program**  
**International Hip Society, closed meeting,**  
**Gothenburg, Sweden June 27-30, 2018**  
**Venue: Elite Park Avenue Hotel, Banquet Hall 2, floor 1**

**Thursday June 28, 2018**

**08.00 – 08.15     Henrik Malchau: Welcome to Gothenburg**

**08.15 – 10.00     Session I: Primary Hip I – 7 presentations – 9 mins + 6 mins discussion**  
**Moderator: Dan Berry**

08.15 – 08.30     Changes in Spino-pelvic mobility after total hip replacement  
**Andrew Shimmin**

08.30 – 08.45     Hip or spine surgery first? A survey of treatment order by members of the North American Hip Society  
Stuart B. Goodman, Ning Liu, **Paul F. Lachiewicz**, Kirkham B. Wood

08.45 – 09.00     Is a modular dual mobility acetabulum a viable option for the young, active total hip arthroplasty patient?  
**Robert L. Barrack**, Denis Nam, Rondek Salih, Cindy R. Nahhas, Ryan M. Nunley

09.00 – 09.15     Early clinical results of an anatomic cementless ceramic hip resurfacing arthroplasty  
**Justin Peter Cobb**, Susannah Clarke, Camilla Halewood, Rob Wozencroft, Jonathan Jeffers, Kartik Logishetty, Brogan Keane, Hardeep Johal

09.15 – 09.30     Improved accuracy in restoration of native hip biomechanics in robotic-arm assisted surgery compared to conventional manual techniques for total hip arthroplasty: A prospective cohort study.  
Babar Kayani, Sujith Konan, Sumon Huq, **Fares Haddad**

09.30 – 09.45     Complications and obesity in arthroplasty - A hip is not a knee  
**John J. Callaghan**, David E. DeMilk, Nicholas A. Bedard, S. Blake Dowdle, Jacob Elkins, Timothy S. Brown, Yubo Gao

09.45 – 10.00     Dilute betadine lavage reduces the risk of acute postoperative infection in aseptic revision total knee or hip arthroplasty: Interim analysis of a randomized controlled trial  
Tyler E. Calkins, Chris Culvern, Denis Nam, Tad Gerlinger, Brett Levine, Scott Sporer, **Craig J. Della Valle**

**10.00 – 10.30 Break**

**10.30 – 12.30 Session II: Primary Hip II – 8 presentations – 9 mins + 6 mins discussion**  
**Moderator: Fares Haddad**

10.30 – 10.45     The SPAIRE technique (Spare Piriformis and Internus, Repair Externus) for hip arthroplasty is safe and effective  
**John Timperley**

- 10.45 – 11.00 All success of bone cement are stiffened bone structures - a histo-pathological analysis of successfully functioned cemented stems up to 26 years after implantation  
Ch P Draenert, **John Older**, K Draenert
- 11.00 – 11.15 Can acetabular bone stock be improved by using less stiff acetabular components?  
**Gary Hooper**, Nigel Gilchrist, Rod Maxwell, Chris Frampton
- 11.15 – 11.30 Hip capsular function after arthroplasty  
**Sara K. Muirhead-Allwood**, K. Logishetty, R.J. van Arkel, G.K.C. Ng, J.P. Cobb, J. Jeffers
- 11.30 – 11.45 Objective measures of activity and sleep after primary THA. How much do they improve in the first 6 months after surgery?  
**L. Bogdan Solomon**, J. Bahl, J. Arnold, K. Curness, F. Fraysse, D.W. Howie, D. Thewlis
- 11.45 – 12.00 Oxford Hip Scores at 10 years are (Still !) associated with total hip revision within the subsequent 2 years  
**Peter Devane**
- 12.00 – 12.15 Is the any clinical importance of separation congenitally dislocated hip into types C1 and C2 by G. Hartofilakidis?  
**Rashid Tikhilov**
- 12.15 – 12.30 40 years with the Swedish Hip Arthroplasty Register  
**Ola Rolfson**, Maziar Mohaddes, Cecilia Rogmark, Johan Kärrholm, Henrik Malchau
- 12.30 – 13.30 – Lunch**
- 13.30 – 15.00 – Business meeting**



## Friday June 29, 2018

### 08.00 – 10.15 Session III: Revision Hip I – 9 presentations – 9 mins + 6 mins discussion

**Moderator: Henrik Malchau**

- 08.00 – 08.15 90-day costs, re-operations, and re-admissions for primary total hip arthroplasty patients of varying BMI levels  
**Richard W. McCalden**, K. Ponnusamy, J.D. Marsh, L.E. Somerville, S.J. MacDonald, D.D. Naudie, B.A. Lanting, J.L. Howard, E.M. Vasarhelyi
- 08.15 – 08.30 The feasibility of outpatient revision total hip arthroplasty in selected patients  
**Adolph V. Lombardi, Jr.**, K.R. Berend, M.J. Morris, D.A Crawford, J.B. Adams
- 08.30 – 08.45 Two - year experience of a 'Hub and Spoke' revision arthroplasty network: 1,000 cases and counting  
Ben Bloch, Laura Mends, Peter James, **Andrew Manktelow**
- 08.45 – 09.00 Fixed prostheses can be loose. High hydroxy-appetite loosening rates in the collarless Corail un-cemented stem  
**Dick R. van der Jagt**, A. Brekon, L. Mokete, J. Pietrzak, M. Nortje, A. Schepers
- 09.00 – 09.15 Acetabular reconstruction with porous metal augments for primary and revision THA  
**Hirotsugu Ohashi**, Hirotake Yo, Tesshu Ikawa, Yoshito Minami, Takanori Teraoka
- 09.15 – 09.30 Inferior extended fixation using porous metal augments in acetabular reconstruction during revision total hip arthroplasty  
**Yixin Zhou**
- 09.30 – 09.45 Histological evaluation of the quality of acetabular bone tissue in revision surgery  
**Alessandro Massè**, A. Bistolfi, A. Alinari, E. Cravero
- 09.45 – 10.00 Uncemented highly porous tantalum acetabular components: What is the risk of failure 10 years after revision THA?  
PL Sousa, MP Abdel, EL Francois, AD Hanssen, **David G Lewallen**
- 10.00 – 10.15 Extended trochanteric osteotomy (ETO) in revision total hip arthroplasty: contemporary outcomes of 612 cases  
Matthew P. Abdel, Anthony Viste, Kevin I. Perry, Arlen D. Hansen, Robert T. Trousdale, **Daniel J. Berry**

### 10.15 – 10.45 Break

### 10.45 – 12.45 Session IV: Infection – 8 presentations – 9 mins + 6 mins discussion

**Moderator: Ian Stockley**

- 10.45 – 11.00 Different bearings on each side have different incidence of infection in patients with bilateral THA  
**Philippe Hernigou**, Arnaud Dubory, Charles Henri Flouzat Lachaniette
- 11.00 – 11.15 Is ceramic related to a lower bacterial adhesion than other biomaterials in vitro?  
M.A. Buttaró, P.A. Slullitel, M.L. Sánchez, G. Greco, S. McLoughlin, C. García-Ávila, F. Comba, G. Zanotti, **Francisco Piccaluga**

- 11.15 – 11.30 Can leukocyte esterase replace frozen section in the intraoperative diagnosis of periprosthetic hip infections?  
**Luigi Zagra**, Francesca Villa, Laura Cappelletti, Enrico Gallazzi, Giovanni Materazzi, Elena De Vecchi
- 11.30 – 11.45 Outcome of DAIR procedures in the Swedish Hip Arthroplasty Register 1999 – 2016  
**Johan Kärrholm**, Karin Svensson, Maziar Mohaddes, Ola Rolfson
- 11.45 – 12.00 Joint aspiration, including culture of reaspirated saline after dry tap is a valuable diagnostic tool in the diagnosis and characterization of hip and knee prosthetic joint infection  
**Ian Stockley**, D Partridge, R Cooper, R Townsend
- 12.00 – 12.15 Do post-debridement cultures taken in cases of prosthetic joint infection reflect procedural success?  
**Steven J. MacDonald**, Mehul Garach, Brent Lanting, Richard McCalden, Edward Vasarhelyi, Douglas Naudie, James Howard
- 12.15 – 12.30 Can we establish a global database for study of infection after THA? A proposal for the database structure and governance  
**Henrik Malchau**, Karin Svensson, Maziar Mohaddes, Ola Rolfson, Stephen Graves, Johan Kärrholm
- 12.30 – 12.45 Single-stage revision with selective direct intra-articular antibiotic infusion for chronic infected total hip arthroplasty: an average of 4.5 years of follow-up – Chinese experience  
**Cao Li**

## 12.45 – 13.45 – Lunch

## 13.45 – 15.30 Session V: Bearing Surfaces – 7 presentations – 9 mins + 6 mins discussion

**Moderator: Andrew Shimmin**

- 13.45 – 14.00 A prospective randomized trial comparing alumina ceramic on-ceramic with ceramic on conventional polyethylene: 15 year follow-up  
**James P. Waddell**, A. Atrey, J. Wolfstadt, A. Khoshbin, S. Ward
- 14.00 – 14.15 Highly crosslinked polyethylene in total hip arthroplasty – results after 8 to 16 years  
A Cheung, CH Yan, PK Chan, H Fu, S Cheung, **(Peter) KY Chiu**
- 14.15 – 14.30 Polyethylene wear of a porous-coated acetabular cup. A 18- to 23- year prospective follow-up study  
E García-Rey, E García-Cimbrelo, **José Cordero-Ampuero**
- 14.30 – 14.45 Lower friction and wear of highly cross-linked poly with phospholipid polymer surface treatments in ceramic on polyethylene total hip replacements: In vitro testing  
**Kevin L. Garvin**, J.N. Weisenburger, M. Kyomoto, R.L. Siskey, S.M. Kurtz, H. Haider

- 14.45 – 15.00 Evaluation of *in vivo* wear of vitamin E stabilized highly cross-linked polyethylene at five years: A multicenter, RSA Study  
**Orhun Muratoglu**, Vincent Galea, James Connelly, Bitu Shareghi, Johan Kärrholm, Olof Sköldenberg, Mats Salemyr, Mogens B Laursen, Charles Bragdon, Henrik Malchau
- 15.00 – 15.15 Osteolysis after primary THA using first-generation XLPE: analysis using 3-dimensional CT scan at follow-up of fifteen years  
Seung-Hoon Baek, Jong-Min Lee, Yeon Soo Lee, **Shin-Yoon Kim**
- 15.15 – 15.30 Cost reduction for the THA community worldwide produced by XLPE  
**William Harris**

**15.30 – 16.00 Break**

**16.00 – 17.00 Session VI: Miscellaneous – 4 presentations – 9 mins + 6 mins discussion**

**Moderator: John Timperley**

- 16.00 – 16.15 A retrieval analysis of oxinium heads: Do oxinium heads decrease tribocorrosion in total hip arthroplasty?  
**Mathias Bostrom**
- 16.15 – 16.30 Recycled autograft reconstruction for primary malignant bone tumor around the hip  
**Wei-Ming Chen**
- 16.30 – 16.45 The direct anterior approach for treatment of periprosthetic fractures of the femur  
**Martin Krismer**
- 16.45 – 17.00 Swedish Orthopaedics in the 21<sup>st</sup> century – How can we use national databases?  
Erik Malchau, Ola Rolfson, Peter Grant, Jonas Thanner, Magnus Karlsson, **Maziar Mohaddes**

**Saturday June 30, 2018**

**08.30 – 10.00 Session VII: Non Arthroplasty I – 6 presentations – 9 mins + 6 mins discussion**  
**Moderator: David Lewallen**

- 08.30 – 08.45     Borderline acetabular dysplasia: Independent predictors of hip instability versus impingement  
Jeffrey J. Nepple, Elizabeth A. Graesser, Joel E. Wells, **John C. Clohisy**
- 08.45 – 09.00     Tissue properties of delaminated cartilage flaps in FAI patients and their potential for refixation  
Clara Levingson, Florian Naal, Gian Salzmann, Marcy Zenobi-Wong, **Michael Leunig**
- 09.00 – 09.15     High survivorship and little osteoarthritis at longterm followup in severe SCFE patients treated with a modified Dunn procedure  
**Klaus A. Siebenrock**
- 09.15 – 09.30     Rotational acetabular osteotomy for symptomatic hip dysplasia in patients younger than 21 years  
**Yuji Yasunaga**, Ryuji Tanaka, Takuma Yamasaki, Takashi Syouji, Nobuo Adachi
- 09.30 – 09.45     The capsular arthroplasty for young patients with unilateral hip dislocation  
**Hong Zhang**
- 09.45 – 10.00     Achieving a zero percent transfusion rate in periacetabular osteotomy (PAO)  
**Richard F. Santore**, Michael P. Muldoon, Austin A. Long, G. Max Gosey, Robert Healey

**10.00 – 10.30 Break**

**10.30 – 11.15 Session VIII: Non Arthroplasty II – 3 presentations – 9 mins + 6 m discussion**  
**Moderator: John Callaghan**

- 10.30 – 10.45     Does the hip-shelf procedure modify the function and survival of primary hip arthroplasty? A case-control study comparing outcomes of arthroplasty after hip-shelf to those of arthroplasty in dysplastic hips at a minimum 10-years' follow-up  
**Henri Migaud**, K. Bénad, S. Putman, C. Delay, J. Girard, G. Pasquier
- 10.45 – 11.00     Genome-wide association study of osteonecrosis of the femoral head  
**Takuaki Yamamoto**, Yuma Sakamoto, Yasuharu Nakashima, Shiro Ikegawa
- 11.00 – 11.15     Modified femoral neck osteotomy through surgical hip dislocation for osteonecrosis of femoral head: Preliminary results  
**Xiaodong Chen**, Chao Shen, Junfeng Zhu, Jianping Peng, Yimin Cui

**11.15                Close of meeting**

# Scientific Program

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