

**International Hip Society
Closed Meeting**

**Boston, USA
May 17-20, 2023**

**Fairmont Copley Plaza
138 St. James Avenue, Boston, MA 02116, USA**

Social Program
International Hip Society, Closed Meeting,
Fairmont Copley Plaza, Boston, USA, May 17-20, 2023

Wednesday, May 17, 2023

Afternoon check in at hotel (Reception)

Reception (members and accompanying guests) 18:00 – 19:30 in Rooms Copley, Singleton and St James, Main Lobby Level

Dinner – members and accompanying guests please make your own individual arrangements. You may ask hotel concierge in advance or in lobby for recommendations/assistance.

Thursday, May 18, 2023

Breakfast (members) 6:30 – 7:30 in Venetian Room

Brunch (accompanying guests) 9:30 in Back Bay Room

Guided tour at Isabella Stewart Gardner Museum (accompanying guests), 280 Fenway, Boston

- Meet in Lobby at **10:45 am** for departure **via prearranged transportation at 11:00 am**
- Guided tour at 11.30 am: **Donna Wayne and Jane Jackson will lead the group**
- **The tour will be 1-hour long**
- Return **transportation** to the Hotel at **1:00 pm**

Lunch and Business meeting (members) 12:15 – 13:15 in Venetian Room

Dinner at Banks Fish House, 406 Stuart Street, 2nd floor, Boston (members and accompanying guests)

- Walk to restaurant will take approximately **2-3 minutes (distance from the hotel is 0.1 miles/160 meters)**



- Reception at 18:30
- Dinner at 19:30

Friday, May 19, 2023

Breakfast (members): 6:30 – 7:30 in Venetian Room

Afternoon free (lunch on your own)

Dinner at Fairmont Copley Plaza (members and accompanying guests) in Grand Ballroom

- Reception 19:00
- Dinner 19:30

Saturday, May 20, 2023

Breakfast (members) 6:30 – 7:30 in Venetian Room

Meeting closure 11:20

International Hip Society, closed meeting, May 17-20, 2023

All presentations are 7 minutes.

Thursday – 7:30-7:35 AM

Welcome to Boston

D. Berry

7:35-9:00 AM Revision THA: The Acetabulum

**Moderators: Daniel Berry
David Lewallen**

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| 7:35-7:42 | Can reconstruction in revision total hip arthroplasty with major acetabular bone loss be reproducible and reliable? | S. Jones (New Member) |
| 7:43-7:50 | Reconstruction of Paprosky 3B acetabular defects with porous tantalum shells and augments in revision total hip arthroplasty using the footing-technique | R. Hube |
| 7:51-7:58 | Cup-cage reconstruction for major acetabular defects: 10-year update of full and half cage constructs | M. Abdel (New Member) |
| 7:59-8:06 | Long term follow up of the cup-cage reconstruction for pelvic discontinuity | A. Gross |
| 8:07-8:14 | A novel hip reconstruction in-situ with screws and cement (HiRISC) construct to treat large acetabular bone defects: A preliminary report | C. Higuera |
| 8:15-8:22 | The clinical benefits of a revision arthroplasty network: Demonstrable and unquantifiable | A. Manktelow |
| 8:23-8:30 | Virtual biomechanical assessment of custom triflange and trabecular metal components to treat large acetabular defects | L. Solomon |
| 8:31-8:38 | Custom-made acetabular revision arthroplasty for pelvic discontinuity can result in stable constructs and significant improvement in health-related quality of life: A prospective cohort study | G. van Hellemond |
| 8:38-9:00 | Discussion | |

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| 9:00-9:35 | Complications of THA | Moderators: Peter Chiu William Jiranek |
| 9:00-9:07 | Threshold for anterior cup overhang correlated with symptomatic iliopsoas impingement after total hip arthroplasty: A 268 patient case-control study using CT-scan | H. Migaud |
| 9:08-9:15 | Surgical treatment of severe heterotopic ossification after contemporary total hip arthroplasty: Systematic review of the literature and new case series | P. Lachiewicz |
| 9:16-9:23 | The fate of revision total hip arthroplasty for instability | S. Goodman (New Member) |
| 9:23-9:35 | Discussion | |
| 9:35-9:55 | Break | |
| 9:55-11:30 | Primary THA: The Femur: Cemented and Uncemented Fixation | Moderators: Fares Haddad Martin Buttarro |
| 9:55-10:02 | Minimum 25-year results of a tapered titanium porous plasma spray coated femoral component | A. Lombardi |
| 10:03-10:10 | Long-term survivorship of an uncemented proximally hydroxyapatite coated femoral stem – a minimum of 20-year follow-up | P. Chiu |
| 10:11-10:18 | Thirty years follow-up of three commonly used femoral stems in the Norwegian Arthroplasty Register 1987-2021 | O. Furnes |
| 10:19-10:26 | Evaluation of proximal femoral bone mineral density in cementless Total hip arthroplasty: A 3-arm prospective randomized control Trial | G. Hooper |
| 10:27-10:34 | Periprosthetic fracture rates using collared stems in uncemented primary total hip arthroplasty with a posterior approach | T. Sculco |
| 10:35-10:42 | Low rate of periprosthetic femoral fracture with the anterior approach using stems cemented according to the “French Paradox” | M. Hamadouche |

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| 10:43-10:50 | The outcome of 394 consecutive cemented Exeter short stems used in primary total hip arthroplasties with a maximum follow-up of 28 years | B. Schreurs |
| 10:51-10:58 | Influence of stem fixation and stem type on revision and mortality rates in elective THA procedures of patients over 80 | M. Morlock |
| 10:59-11:06 | Registry based study of survivorship of cemented femoral stems vs collared non-cemented femoral stems in total hip replacement in older patients with osteoarthritis | A. Shimmin |
| 11:06-11:30 | Discussion | |
| 11:30-12:15 | Infection in THA | Moderators: Donald Garbuz Stephen Jones |
| 11:30-11:37 | The diagnostic accuracy of intra-operative synovial-fluid calprotectin in suspected low-grade periprosthetic hip joint infections | G. Macheras |
| 11:38-11:45 | Multicentre randomized double-blind placebo-controlled trial of combination vancomycin and cefazolin surgical antibiotic prophylaxis in joint arthroplasty surgery | R. de Steiger |
| 11:46-11:53 | Articulating vs static spacers in the treatment of hip arthroplasty prosthetic joint infection (PJI) | W. Jiranek (New Member) |
| 11:54-12:01 | Did a PJI referral center produce better outcomes than a paired cohort? A retrospective analysis | B. Springer (New Member) |
| 12:01-12:15 | Discussion | |
| 12:15-13:15 | Lunch/Business Meeting | |
| 13:15-14:35 | Hip Arthroscopy, Femoral Osteotomy, Soft Tissue Diagnosis | Moderators: John Clohisy Christopher Peters |
| 13:15-13:22 | A bioinductive patch for partial thickness hip abductor tendon tears: A preliminary report | J.W. Byrd |

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| 13:23-13:30 | Pre-arthritic hip disease: Isolated labral pathology is a valid diagnosis | P. Beaulé |
| 13:31-13:38 | What is the contemporary management of acetabular retroversion? | J. Witt |
| 13:39-13:46 | A modified approach to measuring femoro-epiphyseal acetabular roof (FEAR) index: Assessing the intraobserver and interobserver reliability | X. Chen |
| 13:47-13:54 | Ganz head reduction osteotomy for the treatment of femoral head Deformities: radiographic and functional outcomes | A. Massé |
| 13:55-14:02 | Mid-term results of autologous matrix-induced chondrogenesis (AMIC) used for large chondral defects in FAI hips | M. Leunig |
| 14:03-14:35 | Discussion | |
| 14:35-15:00 | The Hip-Spine Relationship | Moderators: Peter Devane Jay Lieberman |
| 14:35-14:42 | Post-operative changes in standing pelvic tilt from the pre-operative supine position – Implications for direct anterior approach THA | A. Shimmin |
| 14:43-14:50 | Low force direct anterior hip arthroplasty | J. Cobb |
| 14:50-15:00 | Discussion | |
| 15:00-15:20 | Break | |
| 15:20-16:20 | The Heavy Metal Session | Moderators: Henrik Malchau Richard de Steiger |
| 15:20-15:27 | Cardiac function is compromised in patients with elevated blood cobalt levels secondary to metal-on-metal hip implants | D. Meek (New Member) |
| 15:28-15:35 | Could Alzheimer's disease pathology be associated with metals released from total hip replacements? | J. Jacobs |
| 15:36-15:43 | Metal levels and glomerular filtration rate after Birmingham hip resurfacing | C.A. Engh (New Member) |

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| 15:44-15:51 | Femoral head size does not influence metal ion levels after metal-on-polyethylene total hip arthroplasty: a 5-year report from a randomized controlled trial | H. Malchau |
| 15:52-15:59 | Electrochemical damage of the trunnion in acetabular revision hip surgery | C. Lavernia |
| 15:59-16:20 | Discussion | |
| 16:20-17:30 | Complex Primary THA | Moderators: Carsten Perka Gijs van Hellemond |
| 16:20-16:27 | Hip surgery in genetic skeletal disorders - Risky business? | P. Bizot |
| 16:28-16:35 | Is a type 2B short stem adequate in patients with proximal femoral deformities? | M. Buttaro |
| 16:36-16:43 | Long term clinical outcomes of total hip arthroplasty performed in low and high dislocation hips using TM technology cups and short fluted conical stems | Th. Karachalios |
| 16:44-16:51 | Clinical outcomes and return to dance after total hip arthroplasty or hip resurfacing in competitive (professional) dancers | D. Padgett |
| 16:52-16:59 | How are adults with Legg-Calve-Perthes disease (LCPD) functioning after total hip replacement? Results of an international web-based survey | M. Mills |
| 16:59-17:25 | Discussion | |
| 17:25-17:30 | Closure | D. Berry |

Friday – 7:30-7:35 AM

Announcements

D. Berry

7:35-8:40 Dual Mobility Implants

**Moderators: Jean-Noel Argenson
Moussa Hamadouche**

7:35-7:42 What is the lifetime risk of re-operation and revision for patients undergoing dual mobility total hip arthroplasty? P. Hernigou

7:43-7:50 Monobloc dual mobility versus large femoral heads: A comparative study on a 1940 consecutive primary arthroplasties S. Lustig
(New Member)

7:51-7:58 At 10 years: Fewer subsequent revisions with modular dual-mobility than large femoral heads in revision total hip arthroplasties M. Pagnano
(New Member)

7:59-8:06 Dual-mobility constructs are not a panacea in revision total hip arthroplasty for recurrent dislocation: Results from a single-center series of 100 hips C. Perka

8:07-8:14 Metal artifact reduction sequence MRI abnormalities in asymptomatic patients with dual mobility hip prostheses J. Lieberman

8:15-8:22 Incidence, treatment and outcome of modern dual mobility dissociations R. Sierra
(New Member)

8:22-8:40 Discussion

8:40-9:25 Revision THA: The Femur

**Moderators: Wayne Paprosky
George Haidukewych**

8:40-8:47 Long-term outcomes of revision total hip arthroplasty with a modular revision hip system: A high-volume single center experience D. Garbuz

8:48-8:55 Modular fluted tapered stems in two-stage reimplantation of previously infected THAs: Results at 15 years D. Berry

8:56-9:03 No difference in subsidence between modern monoblock and modular titanium fluted tapered femoral stems R. McCalden

9:04-9:11 The Zweymuller primary stem is a reliable, effective and less invasive implant in revision arthroplasty L. Zagra

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| 9:11-9:25 | Discussion | | |
| 9:25-10:15 | Hip Fractures | Moderators: | Bryan Springer Ove Furnes |
| 9:25-9:32 | Comparison of total hip replacement vs hemiarthroplasty in patients with femoral neck fractures | | M. Huo |
| 9:33-9:40 | Direct anterior approach does not improve early functional outcomes in THA with dual mobility cup for femoral neck fractures: Results of a prospective comparative study versus posterolateral approach | | J-N Argenson |
| 9:41-9:48 | Long vs. short intramedullary nails for trochanteric hip fractures: A secondary analysis of the INSITE trial | | E. Schemitsch (New Member) |
| 9:49-9:56 | Fellowship trained orthopedic traumatologist achieve better post-operative radiographic parameters after cephalomedullary nailing of intertrochanteric fractures compared to community surgeons | | G. Haidukewych |
| 9:57-10:04 | Outcomes of total hip arthroplasty following acetabular fracture: Is there a difference between total hip arthroplasty in the acute or delayed setting? | | C. Nelson (New Member) |
| 10:04-10:15 | Discussion | | |
| 10:15-10:25 | Lifetime Achievement Award | Presented by: Introduction: Remarks: | D. Berry J. Callaghan Honoree |
| 10:25-10:40 | Break | | |
| 10:40-11:25 | Robotics in THA | Moderators: | Andrew Shimmin Luigi Zagra |
| 10:40-10:47 | Accuracy of stem anteversion in robotic THA. A comparison of cemented and cementless stems | | N. Sugano |
| 10:48-10:55 | Robotic arm helps optimizing center of hip rotation in cementless total hip arthroplasty for dysplastic hips - Comparison among the groups with manual placement, computer navigation, and robotic surgery | | Y. Nakashima |

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| 10:56-11:03 | Length of stay and discharge disposition following robotic-arm assisted total hip arthroplasty versus conventional technique and predictors of delayed discharge | F. Haddad |
| 11:04-11:11 | How much can a surgeon trust a robot for hip replacement? | P. Hernigou |
| 11:11-11:25 | Discussion | |
| 11:25-12:55 | Pelvic Osteotomy | Moderators: Michael Leunig Robert Trousdale |
| 11:25-11:32 | 30-year follow-up study after rotational acetabular osteotomy | Y. Yasunaga |
| 11:33-11:40 | Bernese periacetabular osteotomy for severe acetabular dysplasia: Mid-term outcomes are encouraging | J. Clohisy |
| 11:41-11:48 | Periacetabular osteotomy using CT-based navigation: Preoperative planning and accuracy evaluation | Y. Inaba (New Member) |
| 11:49-11:56 | Radiologic predictors for clinical improvement of PAO – perspective study | J. Czubak |
| 11:57-12:04 | Influence of acetabular and femoral morphology on pelvic tilt – a study in 400 patients | M. Tannast (New Member) |
| 12:05-12:12 | Does the false profile view really show anterior cover? | M. Beck |
| 12:13-12:20 | Effect and limitation of periacetabular osteotomy for acetabular dysplasia clarified by three-dimensional finite element analysis | E. Chosa |
| 12:21-12:28 | Incidence and clinical outcome of lateral femoral cutaneous nerve injury after periacetabular osteotomy: A prospective over 3-year follow-up study | T. Yamamoto |
| 12:29-12:36 | The incidence of subsequent hip arthroscopy after rectus-sparing PAO: Should we be looking in the joint? | C. Peters |
| 12:36-12:55 | Discussion | |
| 12:55-13:00 | Adjourn | D. Berry |

Saturday – 7:30-7:35 AM

Announcements

7:35-8:45 **Primary THA Bearings and the Acetabulum** **Moderators:** **Steven MacDonald**
William Maloney

7:35-7:42 Long-term polyethylene wear rates and clinical outcomes of
Oxidized Zirconium femoral heads on highly cross-linked
polyethylene in total hip arthroplasty K. Garvin

7:43-7:50 Di-Cumyl Peroxide Crosslinked UHMWPE/Vitamin-E Blend for
total joint arthroplasty implants O. Muratoglu

7:51-7:58 Thirty years data of ceramic-on-ceramic bearings in total hip
replacement L. Sedel

7:59-8:06 Managing the cost of advancing technologies A. Greenwald

8:07-8:14 Effects of abaloparatide or placebo on bone mineral density in
acetabular regions corresponding to DeLee and Charnley zones in
postmenopausal women with osteoporosis M. Bostrom

8:15-8:22 Comparative survival of contemporary cementless acetabular
components following primary total hip arthroplasty D. Lewallen

8:22-8:45 Discussion

8:45-9:40 **Revision THA and Head-Liner Exchange** **Moderators:** **Anders Troelsen**
Mathias Bostrom

8:45-8:52 How long do revised and multiply revised hip replacements last?
A retrospective observational study of the National Joint Registry A. Blom
(New Member)

8:53-9:00 Should high-risk patients seek out care from high-volume surgeons?
An analysis of 1,134 high-risk total hip arthroplasty cases R. Schwarzkopf
(New Member)

9:01-9:08 Liner exchange with highly crosslinked polyethylene for wear and
osteolysis – Does fixation method matter? P. Chiu

9:09-9:16 Outcomes of isolated head and liner exchange using large femoral
heads and modern liners in revision total hip arthroplasty W. Paprosky

9:17-9:40 Discussion

9:40-9:55 **Break**

9:55-11:15 **Outpatient THA, Operative Approaches, Registries, PROMs**

**Moderators: Bas Masri
Thomas Vail**

9:55-10:02 Nationwide risk of readmission and patient attitude towards day-case total hip arthroplasty A. Troelsen

10:03-10:10 Evaluation of MINS screening in hip arthroplasty patients S. MacDonald

10:11-10:18 Early recovery following THA is associated with the adjacent muscle quality T. Vail

10:19-10:26 Development and implementation of a “surgeon outlier” policy for the NZ National Joint Registry P. Devane

10:27-10:34 Using classifier neural networks to estimate personalized PROMs after hip replacement J. Wilkinson

10:35-10:42 Which is the best PROM to evaluate young patients undergoing hip surgery? O. Marin-Peña
(New Member)

10:43-10:50 The prevalence of joint replacement in Sweden O. Rolfson

10:51-11:15 Discussion

11:15-11:20 Closure D. Berry