

International Hip Society – Closed Meeting, Rio de Janeiro, Brazil

Date: November 20th, 2014

Room: Gloria, SulAmérica Centro de Convenções

7:30 Reinhold Ganz Welcome – Introduction

Session 1 Joint preservation: Anatomy, Pathomorphology, Pathophysiology

Moderator: John J Clohisy

7:35 Jean-Noel Argenson The role of anatomical factors in the development of avascular osteonecrosis of the femoral head

7:40 Thomas Vail Defective perilacunar remodeling: a unrecognized mechanism underlying osteonecrosis of the femoral head?

7:45 Haruhiko Akiyama A single local administration of rhFGF-2 gelatin hydrogel for treatment of osteonecrosis of the femoral head: a preliminary prospective clinical trial

7:50 Christopher L Peters Femoral morphology in acetabular dysplasia: Are cam-lesions common?

7:55 Klaus A Siebenrock Muscle size ratio between iliocapsularis and rectus femoris muscles helps to diagnose hip dysplasia

8:00 Yasuharu Nakashima Native combined anteversion influenced pain onset in patients with dysplastic hips

8:05 Yuji Yasunaga Qualitative evaluation of articular cartilage with T2 mapping MRI following rotational acetabular osteotomy and microfracture for hip osteoarthritis

8:10 Young-Jo Kim Does periacetabular osteotomy have depth-related effects on the articular cartilage of the hip joint?

8:15 - 8:30 Questions and discussion

Session 2 Joint Preservation: Periacetabular osteotomy, Surgical dislocation, Arthroscopy, Infection

Moderator: Michael Leunig

8:30 Michael B Millis Periacetabular osteotomy to antevert and uncover the hip for treatment of pincer femoroacetabular impingement

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8:35 Etsuo Chosa	Periacetabular osteotomy for the treatment of coxarthrosis with huge cysts – Prospective consecutive series with a 11-year minimum follow-up period
8:40 John J Clohisy	Is combined surgical hip dislocation and periacetabular osteotomy a safe procedure for complex hip deformities?
8:45 Johan D Witt	Minimally invasive periacetabular osteotomy using a modified Smith-Peterson approach: technique and early outcomes
8:50 Alessandro Massè	Surgical hip dislocation for femoral head fractures
8:55 Reinhold Ganz	Particularities of hip surgery in osteopetrosis
9:00 JW Thomas Byrd	Endoscopic repair of hip abductor tears: Outcomes with one to two-year follow -up
9:05 Martin Krismer	N-chlorotaurine as substance to treat biofilms in vivo?
9:10 - 9:25	Questions and discussion

9:25 – 9:55

Break

Session 3 Primary THA: General aspects, Planning, Approaches, Nerve injuries

Moderator: Klaus-Peter Günther

9:55 Carlos J Lavernia	Appropriate use criteria and clinical indications for surgery: Are we hurting our THA-patients?
10:00 Michael Leunig	Gender differences in patient-reported outcomes after total hip replacement: role of pre-operative status and expectations
10:05 Richard de Steiger	Learning curve for total hip arthroplasty
10:10 Bas Masri	Assessing the reliability and validity of acetate templating on digital images as compared to digital templating
10:15 Paul E Beaulé	Is the anterior approach associated with higher risk of femoral component migration?
10:20 Leif Havelin	Risk of early revision of total hip prostheses according to the surgical approach
10:25 Michael Morlock	The taper disaster - how could this happen?
10:30 Francisco Piccaluga	Incidence of complex regional pain syndrome in primary THA
10:35 - 10:50	Questions and discussion

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Session 4 Primary THA: Design problems, Re-admission data, Epidemiology of revision, Risk factors

Moderator: Donald W Howie

- 10:50 Javad Parvizi Distinguishing between metal-on-metal failure and periprosthetic infection: role of a simple test
- 10:55 Craig J Della Valle Adverse local tissue reactions secondary to corrosion at the head-neck junction in metal on polyethylene bearings
- 11:00 Henrik Malchau Can an anatomically contoured dual mobility insert mitigate soft-tissue impingement and insert entrapment?
- 11:05 Vincent D Pellegrini Jr Hospital readmission after THA in the United States
- 11:10 Jay Lieberman The impact of osteonecrosis on the risk of complications following total hip arthroplasty
- 11:15 Wayne G Paprosky Dual mobility articulations outperform constraint liners for patients at high risk for instability
- 11:20 - 11:35 Questions and discussion

11:35 - 12:45 Lunch and Business meeting

Session 5 Primary THA: Risk factors , Instability, Infection

Moderator: Bas Masri

- 12:45 Daniel J Berry The effect of body mass index as continuous variable in THA on risk of complications and revision
- 12:50 Steven J MacDonald Instability in primary THA with the direct lateral approach using 32 and 36 mm femoral head sizes
- 12:55 Chitranjan S Ranawat Effect of fixed lumbosacral deformity on functional cup orientation from standing to sitting
- 13:00 Rocco P Pitto Does ceramic-on-ceramic in THA reduce the revision risk for late dislocation? A 10-year registry study
- 13:05 George Macheras Nerve injuries following manoeuvres in AMIS techniques
- 13:10 Carsten Perka Rapid detection of bacterial 16s-rDNA in synovial fluid for detection of periprosthetic joint infection

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13:15 Martin Buttarò Diagnosis of periprosthetic hip infection: intraoperative frozen section versus quantification of synovial c-reactive protein

13:20 José Cordero Positive cultures in reimplantation surgery

13:25 - 13:40 Questions and discussion

Session 6 Primary THA: Endurance, special indications, different couplings

Moderator: John J Clohisy

13:40 Shin-Yoon Kim Early results of cementless THA using Delta ceramic-on-ceramic articulation

13:45 Nobuhiko Sugano 25-year survival of cemented versus cementless THA in hip dysplasia

13:50 James P Waddell Clinical outcome and survival of THA after acetabular fracture: A case-control study

13:55 Xiaodong Chen THA with non-modular conical stem and transverse sub-trochanteric osteotomy in treatment of high dislocated hips

14:00 A Mazhar Tokgozoglú Short term follow-up results of a new generation modular cementless prosthetic system in proximal femoral tumoral resections

14:05 Luigi Zagra Ceramic-on-polyethylene articulation in revision THA after ceramic fracture

14:10 Orhun K Muratoglú A next generation anatomically contoured ceramic femoral head

14:15 - 14:30 Questions and discussion

14:30 - 15:00 Break

Session 7 Primary THA: Different couplings

Moderator: Orhun K Muratoglú

15:00 Gary Hooper The minimum five year clinical and radiological results of a Titanium coated polyethylene monoblock pressfit cup

15:05 Paul F Lachiewicz Long-term survival of an uncemented Titanium acetabular cup: the effect of polyethylene type on osteolysis and reoperation at minimum 10 years follow-up

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- 15:10 Peter A Devane A randomized prospective double-blind trial comparing x-linked with conventional polyethylene in THA. Minimum 10 year results
- 15:15 Kevin L Garvin THA with highly crosslinked polyethylene in patients 50 years and younger
- 15:20 Myung Chul Yoo Long-term results of metal-on-metal HRA using Birmingham hip resurfacing – Minimum 12 year follow-up study
- 15:25 Sarah K Muirhead-Allwood Medium-term performance of a bone conserving hip arthroplasty: the Birmingham mid-head resection from a single, non-designer surgeon

15:30 – 15:45 Questions and answers

Session 8 Primary THA: Different couplings

Moderator: Fares S Haddad

- 15:45 Moussa Hamadouche RCT comparison of oxinium versus metal against conventional polyethylene and XLPE in THA
- 15:50 Ove Furnes Oxinium femoral heads in THA: A 5 year follow-up RCT using radiostereometric analysis (RSA)
- 15:55 Theophilos Karachalios Oxinium bearing surface coupling in THA: a 10 year prospective in vivo wear study
- 16:00 Youn-Soo Park Primary ceramic-on-ceramic THA using ceramic head with Titanium-alloy sleeve
- 16:05 John J Callaghan Assessment of durability and function at minimum 35 year follow-up of THA in patients 50 and under
- 16:10 Laurent Sedel Thirty years results of ceramic on ceramic couple in total hip
- 16:15 - 16:30 Questions and discussion

Session 9 Revision surgery: Stability, Additional fixation, Antibiotic cement, Dislocation, Dislocation, Cup migration

Moderator: Peter A Devane

- 16:30 Fares S Haddad A cadaveric analysis comparing primary stability and surface strain in cementless revision prostheses
- 16:35 Berend W Schreurs Revisions with both acetabular and femoral impaction bone-grafting in patient younger than fifty-five years

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16:40	Ian Stockley	Comparison of the elution properties of antibiotic from commercially available and "home made" antibiotic impregnated bone cement
16:45	Thorsten Gehrke	Are preformed spacers superior to surgeon-made spacers in periprosthetic infections of the hip: A systemic review
16:50	Klaus-Peter Günther	Post-operative development of allograft function, quality of life and patient satisfaction after primary versus revision hip arthroplasty
16:55	Philippe Hernigou	Osteolysis is associated to capsule atrophy and muscle degeneration and influences the risk of dislocation after hip revision
17:00	Johan Kärrholm	High proximal migration of the revised acetabular component is a predictor for late cup loosening, 352 acetabular revisions followed 2-20 years
17:05	Donald W Howie	Patterns of migration of revision acetabular components using radiostereometric analysis (RSA)
17:10	Eduardo Garcia-Cimbrelo	Lateral mesh can be insufficient to avoid cup loosening in large segmental defects using impaction bone grafting in acetabular revision surgery
17:15	L Bogdan Solomon	Pelvic distraction and cup cage reconstruction for acute acetabular and periprosthetic acetabular fractures: a radiostereometric analysis (RSA) study
17:20	David G Lewallen	Construct rigidity: Keystone for reconstructing pelvic discontinuity
17:25 – 17:45		Questions and discussion
17:45		Adjourn