13th Congress of the European Hip Society

Congress President:
Dr. Berend Willem Schreurs, Nijmegen

20–22 September 2018
The Hague, Netherlands

www.ehs-congress.org
Welcome to next 2020 EHS in Lille

14th Congress of the European Hip Society

Congress President:
Jean-Alain Epinette, M.D.

Lille Grand Palais - Lille - France

SAVE THE DATE
1-2 October 2020

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www.ehs-congress.org
Dear members and friends of the European Hip Society,

Dear colleagues and guests,

We very much look forward to seeing you at the European Hip Society 2018 in The Hague, Netherlands, for our society’s 13th biennial meeting. For information on the latest innovations in hip care and hip surgery, to discuss treatment options, meet the industry and your hip friends, the EHS congress is unmissable. International as well as European hip surgeons depend on our meetings to get up to date information on international standards, to provide their patients with the best in hip care.

The city of The Hague has a very international esteem. The congress will take place at the World Forum congress centre – very easy to get to, situated close to Schiphol Amsterdam airport for excellent connections, worldwide.

A special welcome to the A.CA.R.O, the Argentinean Hip Society who is our EHS Guest society 2018 as well to the Dutch Hip Society.

Dr. B. Willem Schreurs
EHS President (2016–2018)

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Key Facts

Congress president
Dr. B. Willem Schreurs
Radboud University Medical Center
Nijmegen, Netherlands

Local organising team
Dennis Janssen
Radboud University Medical Center
Nijmegen, Netherlands

EHS
European Hip Society
www.europeanhipsociety.com

Guest Nation & Guest Society
Argentina
www.acaro.org.ar

Congress venue
World Forum congress centre
Churchillplein 10
2517 JW The Hague
Netherlands

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& Lisa Jung (exhibition)
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Welcome Message

Join the EHS now

If you are interested in hip surgery and are not already an EHS member, why not join today? We will be delighted to welcome you. Application is straightforward, online, and once a member, you can take advantage of the various benefits. Just visit www.europeanhipsociety.com or email our Membership Secretary, Samantha Stokes at samstokesehs@gmail.com. Follow us on Facebook (European-Hip-Society)

EHS
European Hip Society
www.europeanhipsociety.com

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About EHS

Why be part of EHS?

- Join our international network of over 400 active hip surgeons
- Be part of a strong specialist society established in 1992
- Develop a professional network with our members from 33 European countries and 18 beyond
- Receive support and advice from National Representatives from 26 European countries
- Get involved in our science and education committees - help organize meetings, workshops, courses and congresses
- Opportunities to lecture around the world with EHS support and visit international hip centres of excellence
- Enjoy free subscription to Hip International

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EHS Congress Time Table

Thursday, 20 Sep 2018

08:00
O01 Primary THA 1
08:30
O02 Hip preserving surgery 1
09:00
O05 Complex primary THA 1
09:30
O06 The paediatric hip
10:00
Coffee break
10:30
SY1 Treatment options of the symptomatic adolescent hip
11:00
ICL1 Resurfacing surgery revisited, is there any reason?
11:30
ICL2 Dutch Hip Society
13:00
ICL3 How to prevent dislocation after THA and treatment options for recurrent instability
13:30
ICL4 Guidelines for follow-up of Metal on Metal prostheses
14:00
O09 Revision THA 1
14:30
O10 THA in young patients
15:00
O11 Hip arthroscopy 1
15:30
Coffee break
16:00
O13 Patient management 2
16:30
O14 Dual mobility cups
17:00
SY3 How to interpret and use register data
17:30
SY4 Proximal femoral fractures: defining the problem and treatment options
18:00
Opening & Keynote lecture
19:00
Poster – Welcome Reception
19:30
Freshen up... Welcome Reception in Yangtze & Amazon Foyer Round
20:00
Congress Dinner

Friday, 21 Sep 2018

08:00
O17 Primary THA 2
08:30
O18 Surgical approach 2
09:00
ICL3 JACARO’s activity as a guest nation
10:00
Coffee break
10:30
SY5 The young patient with a total hip prosthesis
11:00
SY6 Revision of the femur
11:30
SY7 How to interpret and use register data
12:00
Coffee break
12:30
Lunch break
13:00
Industry Workshop
13:30
ICL4 Guidelines for follow-up of Metal on Metal prostheses
14:00
AW1 Award Abstracts session 1
14:30
O21 Registries and outcome
15:00
O22 Metal ion release & tribology
15:30
Coffee break
16:00
SY8 Revision acetabulum: Current dilemmas in acetabular revision and their solutions
16:30
SY9 New developments in THA: Tele-medicine, computer assistance and customization of implants
17:00
Awards ceremony
17:30
EHS General Assembly
18:00
EHS General Assembly
18:30
EHS General Assembly
19:00
Bus Transfer
19:30
Bus Transfer
20:00
Congress Dinner

Saturday, 22 Sep 2018

08:00
O25 Primary THA 3
08:30
O26 Short stems
09:00
ICL5 The infected total hip
09:30
ICL6 Short stems in primary THA
10:00
Coffee break
10:30
SY9 New developments in THA: Tele-medicine, computer assistance and customization of implants
11:00
ICL7 Hip Arthroscopy
11:30
ICL7 Hip Arthroscopy
12:00
Coffee break
12:30
Lunch break
13:00
Industry Workshop
13:30
ICL4 Guidelines for follow-up of Metal on Metal prostheses
14:00
AW2 Award Abstracts session 2
14:30
O23 Registries and outcome
15:00
O24 Metal ion release & tribology
15:30
Coffee break
16:00
SY7 How to interpret and use register data
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SY8 Revision acetabulum: Current dilemmas in acetabular revision and their solutions
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Awards ceremony
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EHS General Assembly
18:00
EHS General Assembly
18:30
EHS General Assembly
19:00
Bus Transfer
19:30
Bus Transfer
20:00
Congress Dinner
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How to download and open the EHS Congress:
1. Access the Apple or GooglePlay store
2. Download the app “SynopticCon”
3. Click on the button “Congresses” and scroll to the icon of the EHS Congress 2018
4. Click on the button “Open Congress”

Scientific Programme

Thursday, 20 Sep 2018

08:00–09:00 O01 Primary THA 1

King Willem Alexander

001-457 6’+2’
Chair: Manuel Ribas Fernández (Spain), René Ten Broeke (Netherlands)
The need for patient-specific “safe zones” in total hip arthroplasty
Jonathan Vigdorchik (United States of America), A. Elbuluk, M. Bradley, M. Miranda, D. Watson, D. Dennis, S. Kreuzer

001-133 6’+2’
Intraoperative calcar fractures are associated with the CLS Spotorno cementless stem design: both the surgeon and implant factor are involved
Carla Timmer (Netherlands), D. Gerhardt; E. de Visser, M. de Kleuver, J. van Susante

001-94 6’+2’
Occult intraoperative periprosthetic fractures of the acetabulum may affect cup stability
D. Dammerer, Wolfram Pawelka (Austria), D. Putzer, B. Glodny, J. Petersen, F. Arrich, M. Krismer, R. Biedermann

001-388 6’+2’
Early clinical outcomes of a tapered wedge femoral stem
M. Peterson, Hilary Feskanin (United States of America), J. Pierson

001-274 6’+2’
5 year stability of the cemented and uncemented porous coated Taperloc stem; a roentgen stereophotogrammetric analysis (RSA) study
Krista van Rest (Netherlands), S. Keizer, L. Koster

001-25 6’+2’
Prior arthroscopic treatment for femoroacetabular impingement does not compromise hip arthroplasty outcomes: A match-controlled study
Alexander Zimmerer (Germany), M. Hölztzermann, W. Miehlke, C. Sobau

001-168 6’+2’
Zero percent hip dislocation with 26mm head for 44–48mm cementless cup

08:00–09:00 O02 Hip preserving surgery 1

Amazon

002-117 6’+2’
Prevalence of cam and pincer deformities in asymptomatic Individuals
Alexander Brunner (Austria), S. Thier, S. Fickert, M. Thaler

002-98 6’+2’
Derotational femoral osteotomies for posterior extraarticular ischiofemoral hip impingement reduce anterior and posterior hip pain
Till Lerch (Switzerland), S. Steppacher, F. Schmaranzer, M. Tannast, K. Siebenrock

002-45 6’+2’
Hip arthroscopy compared to best conservative care for the treatment of femoroacetabular impingement syndrome: A randomised controlled trial
(UK FASHIoN)
E. Dickenson, Damian Griffin (United Kingdom), A. Realpe, N. Parsons, J. Griffin, C. Hutchinson, S. Petrou, P. Wall, J. Donovan, N. Foster
Acetabular chondral lesions associated with femoroacetabular impingement treated by autologous matrix-induced chondrogenesis or microfracture: A comparative study at 8-year follow-up
Andrea Fontana (Italy)

Bone wax can lead to growing osteolysis after open FAI surgery
Christiane Leibold (Switzerland), R. Langer, K. Siebenrock

Mid to long-term results of Bernese Periacetabular Osteotomy
Vahit Emre Ozden (Turkey), G. Dikmen, I. Tozun

AMIC (Autologous Matrix Induced Chondrogenesis) with bone marrow derived cell transplantation for treatment of acetabular cartilage lesions in cam-type femoroacetabular impingement (FAI)
Jan Somers (Belgium)

Native femoral anteversion can be measured accurately with low dose biplanar imaging
S. Jerabek, S. Sutphen, Kaitlin Carroll (United States of America), C. Esposito, D. Mayman

High variability in functional pelvic tilt in patients undergoing total hip arthroplasty
Ping Keung Chan (Hong Kong), K. Chiu, C. Yan, T. Ho, C. Lai, C. Fu, M. Cheung, Y. Cheung

Does combined anteversion prevent dislocation in total hip replacement?
Victor Barro (Spain), J. Nuñez, I. Mimendia, A. Hernandez

Alignment view before Total hip arthroplasty in dysplastic hips can find some cases for distal osteotomy with out shortening by new mechanical axis after inserting cup and stem, an important technical point
Dariush Savadkoohi (Iran), E. Pendar

Traction MR arthrography of the hip for characterization of avascular necrosis and femoral cartilage damage
F. Schmaranzer, M. Siegfried, Till Lerch (Switzerland), J. Cullmann-Bastian, E. Schmaranzer, K. Siebenrock, M. Tannast

The management of isolated greater trochanter fractures: Is cross-sectional imaging necessary?
Daniel Thurston (United Kingdom), B. Marson, H. Jeffery, B. Ollivere, T. Westbrook, C. Moran

Sport specific dynamic evaluation of the impinging hip in athletes
Nicola Santori (Italy), A. Bertino, D. Potestio

Influence of cognitive impairment on mortality, complications and functional outcome after hip fracture: dementia as a risk factor for sepsis and urinary infection
José Cordero-Ampero (Spain), A. Delgado, S. Marcos, M. Martín, J. Cur-Liu, E. Cordero, A. Maldonado

Perioperative outcomes of acute fixation and hip replacement for acetabular fractures in patients over 60 years of age
Dominic Davenport (United Kingdom), S. Smith, A. Day, P. Mitchell, O. Sabri, M. Rickman, P. Gillespie

Femoral head fractures management through surgical hip dislocation, safe but demanding technique
Ahmed Khalifa (Egypt), M. Abdelnasser, O. Elrefai

The optimal method of total hip replacement in patients with consequences of severe acetabular fractures and pelvic discontinuity
Rashid Tikhilov (Russian Federation), I. Shubnyakov, A. Denisov, A. Gudz

Acetabular reconstruction using a roof reinforcement ring with hook for total hip arthroplasty in developmental dysplasia of the hip-osteoarthritis – Minimum 22-year follow-up results
Markus Hanke (Switzerland), S. Steppacher, F. Schmaranzer, T. Lerch, K. Siebenrock, M. Tannast

Results of pertrochanteric fixation with proximal humerus plate in patients with total hip arthroplasty
Omur Caglar (Turkey), E. Ozdemir, M. Tokgozoglu, B. Atilla
Thursday, 20 Sep 2018

Scientific Programme

09:00–10:00 O07 Patient management 1

Mississippi
Chair: George Macheras (Greece), Matthijs Somford (Netherlands)

O07-162
6’2’
Comparison between a fixed and weighted dose of tranexamic acid in primary total hip arthroplasty
Geert Meermans (Netherlands), E. Goorden, J. van Kollenburg, W. Rosenberg

O07-75
6’2’
Topical, intravenous and combined tranexamic acid administration following primary total hip arthroplasty
Ana Cruz Pardos (Spain), J. Gomez-Luque, A. Garabito-Cocina, E. Garcia Rey, J. Ortega Chamorro

09:00–10:00 O06 The paediatric hip

Amazon
Chair: Arild Aamodt (Norway), Klaus-Arno Siebenrock (Switzerland)

O06-220
6’2’
Long-term results of single-stage open reduction, Salter innominate osteotomy, and proximal femoral osteotomy in children with developmental dysplasia of the hip
Ivan Pozdnikin (Russian Federation), A. Baindurashvili, V. Baskov, D. Barsukov, P. Bortulev

O06-389
6’2’
Osteotomy of the femur in the treatment of type II AN
Aleh Sakalouksi (Belarus), Y. Likhachevski, G. Brodko

09:00–10:00 O08 Fundamental research

Everest
Chair: Thierry Scheerlinck (Belgium), Dennis Janssen (Netherlands)

O08-233
6’2’
Dynamic trial fitting of the cup, does pre-expansion cause loss of primary stability (a biomechanical study)
Daniel Hoornenborg (Netherlands), S. de Waard, I. Sierevelt, D. Haverkamp

O08-356
6’2’
Is there a relationship between hip with proximal and distal segments kinematics during single leg squat in female subjects with femoro-acetabular impingement syndrome associated with greater trochanteric pain syndrome?
R. Schroder, Renato Locks (Brazil), M. Contreras, L. Araujo, A. Paz

O08-327
6’2’
Reported methodological quality of randomized controlled trials of total hip arthroplasty rehabilitation
Feride Salman (Turkey), B. Unver, F. Unver, V. Karatosun
Fingerprint pattern of bone mineralization on cemented and uncemented femoral stems analysed by [18F]-fluoride-PET. A randomised clinical study
Gösta Ullmark (Sweden), J. Sorensen

The effect of manufacturing tolerances and assembly force on volumetric wear in THA
Thom Bitter (Netherlands), I. Khan, T. Marriott, E. Lovelady, N. Verdonschot, D. Janssen

Trabecular titanium: Overview of the biomedical applications of an advanced cellular solid biomaterial
Leo Massari (Italy), A. Bistolfi, P. Grillo, A. Causero

Experimental study to investigate a potential model for improved osseointegration in sickle cell bone disease patients with avascular necrosis
Akintunde George (United Kingdom), M. Ellis, R. Gill

10:00–10:30 Coffee break, visit of industry and poster exhibition

10:30–12:00 SY1 Treatment options of the symptomatic adolescent hip
King Willem Alexander
Chair: Klaus-Arno Siebenrock (Switzerland), Manoj Ramachandran (United Kingdom)
20’ Adolescent necrosis of the femoral head
Rüdiger Krauspe (Germany)
20’ Modified Dunn: treatment concept for severe capital slips
Klaus-Arno Siebenrock (Switzerland)
10’ DDH: when and how to treat
Manoj Ramachandran (United Kingdom)
15’ Hip arthroscopy for femoro-acetabular impingement in the adolescent
Manoj Ramachandran (United Kingdom)
25’ Discussion

10:30–12:00 SY2 Knowledge gaps in perioperative management
Amazon
Chair: Per Kjaersgaard-Andersen (Denmark), Stephan Vehmeijer (Netherlands)
12’+3’ Choice of thrombosis prophylaxis
Banne Nemeth (Netherlands)
12’+3’ Prevention of infection
Murat Bozkurt (Turkey)
12’+3’ New developments in anesthesia
Jörgen Bruhn (Netherlands)
25’+20’ Fast-track concept and pain management
Henrik Kehlet (Denmark)

12:00–13:30 Lunch break, visit of industry and poster exhibition

13:30–14:30 ICL1 Resurfacing surgery revisited, is there any reason?
King Willem Alexander
Chair: Julien Girard (France), Evert Smith (United Kingdom)
10’+5’ Data analysis of 11,386 resurfacing arthroplasties in patients under 50 years
Catherine van der Straeten (United Kingdom)
10’+5’ Advantages and disadvantages of RA
Julien Girard (France)
10’+5’ Early development and results of RA
Evert Smith (United Kingdom)
10’+5’ RA versus alternative bearings in the young patient
Ronan Treacy (United Kingdom)

13:30–14:10 ICL2 Dutch Hip Society programme
Amazon
Chair: René Ten Broeke (Netherlands), Taco Gosens (Netherlands)
20’ What is new in the Netherlands? First experience and clinical studies with the direct superior approach
Stefan Bolder (Netherlands)
10’ The Leak study, a nationwide randomized controlled trial to optimize treatment after wound leakage after primary hip.
The leak study, a nationwide randomized controlled trial to optimize treatment after wound leakage after primary hip
Paul Jutte (Netherlands)
10’ TUpdate on the Interreg prosperos project focusing on antimicrobial coatings for the hip
Chris Arts (Netherlands)
10’ Discussion

14:10–14:30 Fellowship by the EHS
Amazon
Chair: Gösta Ullmark, Chairman EHS Education Committee (Sweden)
A brief, informal report from 2018’s EHS Travelling and Visiting Fellows on their experience in Germany and Turkey, plus information for future candidates

14:30–15:30 O09 Revision THA 1
King Willem Alexander
Chair: Fritz Thorey (Germany), Ton Vervest (Netherlands)
O09-149 6’+2’ Postoperative restoration and migration of the hip centre with the use of impaction bone grafting in revision and complex primary hip arthroplasty
Mohammad Kamal Abdelnasser (Egypt), A. Khalifa, M. Mahran, M. Mosa, H. Bakr, Y. Khalifa, A. Abdelaal
Thursday, 20 Sep 2018

14:30–15:30 O10 Complex primary THA 2

Amazon Chair: Stanislav Bondarenko (Ukraine), Eleftherios Tsiridis (Greece)

O10-375 6'+2' Sex differences in femoral morphology in patients with developmental dysplasia of the hip undergoing arthroplasty

O10-414 6'+2' High dislocation developmental dysplasia: Total hip arthroplasty with shortening subtrochanteric osteotomy
Alejandro Hernandez (Spain), I. Mimendia, V. Barro, D. Collado, J. Nuñez

O10-272 6'+2' Local use of autologous bone graft with 1,25-dihydroxy-vitamin D3 for the replacement of bone defects in primary total hip arthroplasty in patients with end stage renal disease
Nikita Mushtin (Russian Federation), A. Tse, A. Dulaev

O10-482 6'+2' Survival and complications after complex hip arthroplasty with a modular femoral stem
Elsa Spaans (Netherlands), B. Duinjneveld, K. Koenraad, R. Wagenmakers, J. van den Hout, L. Elmans, B. Boulder

O10-398 6'+2' Bone grafting of acetabular defects at THA in patients with dysplastic osteoarthritis of the hip
Ahmed Amine Badnaoui (Ukraine), V. Filipenko, S. Bondarenko, O. Pogdaiska, A. Zhigun

O10-332 6'+2' Modular neck fracture in the practice of total hip arthroplasty
Dmitri Markov (Russian Federation), K. Zvereva, P. Chernov

Scientific Programme

14:30–15:30 O11 THA in young patients

Mississippi Chair: Victor Voloshin (Russian Federation), Stephan Vehmeijer (Netherlands)

O11-558 6'+2' Long-term follow-up results of cemented total hip arthroplasty in patients younger than 30 years and outcomes of their subsequent revisions
Yara Eggen (Netherlands), E. Colo, W. Rijnen, G. Hannink, B. Schreurs

O11-183 6'+2' Post-operative radiological analysis of total hip replacements at the children's surgical centre, Cambodia
Saurav Kataria (United Kingdom), L. Hughes, S. Noor, H. Oy, J. Gollogly

O11-524 6'+2' Effect of surgical approach in young patients on short-term risk of revision after total hip arthroplasty
Martijn Kuipers (Netherlands), G. Hannink, S. Vehmeijer, L. van Steenbergen, B. Schreurs

O11-549 6'+2' Total hip replacement versus hip arthroscopy, which one offers more predictable clinical results?
Esther Fernandez-Tormos (Spain), C. Collado-Escudero, D. Guzman-Domechech, O. Marin-Pena, M. Abd-El-Radi, R. Larraínzar-Garijo

O11-391 6'+2' Total hip arthroplasty in young patients in the Netherlands: trend analysis of >19,000 primary hip replacements in the Dutch Arthroplasty Register
Martijn Kuipers (Netherlands), G. Hannink, L. van Steenbergen, B. Schreurs

O11-434 6'+2' Spiron screw prosthesis – An option for younger patients
Johannes Zeichen (Germany), V. Malinowski, E. Haering

O11-59 6'+2' Total hip arthroplasty in young patients in the Netherlands: trend analysis of >19,000 primary hip replacements in the Dutch Arthroplasty Register
Martijn Kuipers (Netherlands), G. Hannink, L. van Steenbergen, B. Schreurs

14:30–15:30 O12 Hip arthroscopy 1

Everest Chair: Enrico de Visser (Netherlands), Manuel Ribas Fernández (Spain)

O12-227 6'+2' Capsular closure versus unrepaired capsulotomy in hip arthroscopy, preliminary results of a randomized controlled trial
Niels Bech (Netherlands), I. Sierevelt, S. de Waard, R. Steekelenburg, B. Schreurs

O12-519 6'+2' The impact of routine capsular repair in competitive sportsmen undergoing arthroscopic correction of femoro-acetabular impingement: Case-control study with 2 year follow-up
Patrick Carton (Ireland), D. Filan

O12-308 6'+2' Effect of cigarette smoking on patient reported outcomes in hip arthroscopy: A matched-pair controlled study with minimum 2 year follow-up
B. Domb, Ajay Lall (United States of America), J. Hammarstedt, A. Gupta, J. Laseter, M. Mohr, I. Perets
**Thursday, 20 Sep 2018**

### Scientific Programme

**16:00–17:00**

**O14 Dual mobility cups**

**Chair:** Jean-Alain Epinette (France), Martyn L. Porter (United Kingdom)

- **O14-51** Cemented dual mobility cups and bone graft for reconstruction of acetabular defects
  - **Ayman Ebied (Egypt), S. Marei, H. Saad, A. Ebied, A. Hany Saleh**
- **O14-229** Total hip arthroplasty using a dual mobility cup for displaced femoral neck fractures in elderly patients: A comparative study with bipolar hemi-arthroplasty using a propensity score-matched analysis
  - **Kwang-Jun Oh (South Korea (ROK)), B. Kim, M. Joe, B. Ahn**
- **O14-477** Dual-mobility bearings for patients with abductor-trochanteric complex insufficiency
  - **Goksel Dikmen (Turkey), V. Ozden, B. Beksa, I. Tozun**
- **O14-201** Dual mobility THR for the management of failed proximal femoral fixation
  - **Sameh Marei (Egypt), H. Elsayed, A. Ebied**
- **O14-303** Cost analysis of dual-mobility vs. large femoral head constructs in revision total hip arthroplasty
  - **M. Abdel, L. Miller, S. Hull, A. Coppolecchia, Jim Nevelos (United States of America), A. Hanssen, M. Pagnano**
- **O14-463** The cost-effectiveness of dual-mobility in a spine fusion population with high-risk of dislocation
  - **A. Elbuluk, J. Slower, A. Anoushiravani, R. Schwarzkopf, A. Buckland, Jonathan Vigdorchik (United States of America)**

### 15:30–16:00

**Coffee break, visit of industry and poster exhibition**

**16:00–17:00**

**O13 Patient management 2**

**Chair:** Zoltan Csernatony (Hungary), Per Wretenberg (Sweden)

- **O13-281** Feasibility and patient experience of a home-based rehabilitation program driven by a tablet application and mobility monitoring for patients after a total hip arthroplasty
- **O13-315** Preoperative chronic opioid use and value-based outcomes in total hip arthroplasty
  - **K. Kim, A. Anoushiravani, M. Roof, K. Chen, J. Vigdorchik, Ran Schwarzkopf (United States of America)**
- **O13-362** The median local anesthetic dose (MLAD) of intrathecal bupivacaine and intrathecal prilocaine in total hip arthroplasty with the anterior supine intermuscular approach
  - **Michel Coenders (Netherlands), S. Vehmeijer, N. van Dasselaar, P. Langendijk, T. Molenaar, K. Renckens, W. Mulder, N. Mathijssen**
- **O13-396** Aspirin as DVT prophylaxis in total hip arthroplasty
  - **Seyed Mohammad Javad Mortazavi (Iran), H. Shafeii**
- **O13-514** Young patients with hip pathology; how to improve psycho-social problems in daily life
  - **Nelleke van der Voort (Netherlands), B. Schreurs, W. Rijnen**
- **O13-444** Comparison of sutures versus staples in surgical wound closure after total hip replacement
  - **Afshin Taheriazam (Iran), F. Safdari**
- **O13-234** Minimal post operative restrictions are safe after posterior approach total hip arthroplasty. Results from a large cohort study
  - **Walter van der Weegen (Netherlands), A. Kornuijt, D. Das, T. Sijbesma**

**Mississippi**

**Chair:** Afshin Taheriazam (Iran), Bülent Atilla (Turkey)

- **O15-493** Is the hype real? Direct anterior approach versus straight lateral approach in total hip replacement: early follow up
  - **Heinse Bouma (Netherlands), L. Huileman, P. van Kampen**
- **O15-420** The direct anterior approach THA; beyond the learning curve
  - **Wouter Eilander (Netherlands), A. Farid, P. van Kampen, T. Hogervorst**
- **O15-153** The influence of different pelvic supports on cup inclination angle using a posterior approach
  - **Geert Meermans (Netherlands), J. van Doorn, J. Kats**
- **O15-582** The direct anterior versus the direct lateral approach: Postoperative results with two-year follow-up
  - **Knut Erik Mjaaland (Norway), K. Kivle, S. Svenningsen, L. Nordsletten**
- **O15-14** Similar superior patient reported outcome measures for anterior and posterolateral approach after total hip arthroplasty in the Netherlands
Thursday, 20 Sep 2018

Scientific Programme

10’ Which femoral head size: are big heads a solution?
Overview and trends throughout registries
Maziar Mohaddes (Sweden)

10’ Current status and indications for "modern" Dual Mobility cups:
could they be the best option, even in younger patients?
Andre Ferreira (France)

10’ Can HXLPE liners be a reliable and of value option in DM cups?
Any concern with metal liners?
Jean-Alain Epinette (France)

10’ Is there still an indication for constrained liners?
Guido Grappiolo (Italy)

10’ Techniques and outcomes of soft tissue management
Stephen Jones (United Kingdom)

20’ Discussion

17:00–18:30 SY4 Proximal femoral fractures: defining the problem and treatment options

Amazon Chair: Theofilos Karachalios (Greece), Gösta Ullmark (Sweden)

15’+3’ A critical analysis of registry data related to hip fractures
Cecilia Rogmark (Sweden)

15’+3’ The “winner” patient
Theofilos Karachalios (Greece)

15’+3’ Implant selection for optimal treatment
George Babis (Greece)

15’+3’ Functional recovery
Klaus-Peter Günther (Germany)

15’+3’ A National System approach
Antony Johansen (United Kingdom)

18:30–19:00 Opening & Keynote lecture

King Willem Alexander
Chair: B. Willem Schreurs (Netherlands)

10’ Welcome messages
B. Willem Schreurs (Netherlands)

Highlight 20’ Keynote lecture: Obesity and total hip replacement – Challenges and facts
Per Kjaersgaard-Andersen (Denmark)

19:00–20:00 Poster Welcome Reception (see page 39 & 58)
Friday, 21 Sep 2018

**08:00–09:00 O17 Primary THA 2**

**King Willem Alexander**  
Chair: Pavel Dungl (Czech Republic), Sören Overgaard (Denmark)

- O17-371 6'+2'  
  Predicting offset restoration in short and conventional stems by use of digital templating  
  Sheryl de Waard (Netherlands), T. Verboom, I. Sierevelt, N. Bech, G. Kerkhoffs, D. Haverkamp

- O17-329 6'+2'  
  The association between radiographic and functional outcomes after THA  
  Stijn Bolink (Netherlands), E. Lenguerrand, N. Hinds, V. Wylde, A. Blom, M. Whitehouse, B. Grimm

- O17-355 6'+2'  
  Prospective comparative study of smooth-surfaced Titanium stem and polish-surfaced Stainless steel stem fixed with interface bioactive bone cement technique  
  Hiroshi Fujita (Japan), T. Okumura, H. Hara, H. Harada, M. Kataoka, T. Tominaga, R. Nishimura

- O17-10 6'+2'  
  A copy is not the same as the original – alarmingly high rates of implant fracture of a polished tapered femoral stem  
  S. Ghijselings, Jens Vanbiervliet (Belgium), J. Pallay, J. De Geyter, J. Simon

- O17-552 6'+2'  
  Early to mid-term results of an uncemented modular tapered femoral stem in total hip arthroplasty (THA)  
  Vishal Rajput (United Kingdom), M. Hau, M. Elmeligy, S. Sapare, R. Rambani, H. Minhas

- O17-384 6'+2'  
  Bilateral total hip arthroplasty: one-stage versus two-stage procedure  
  Afshin Taheriazam (Iran), A. Saeidinia, F. Safdari

- O17-276 6'+2'  
  A study of cementless stem stability after hip arthroplasty in patients with haemodialysis  
  Takeaki Yamamoto (Japan), K. Uchiyama, N. Takahira, H. Koizumi, H. Niki

**08:00–09:00 O18 Surgical approach 2**

**Amazon**  
Chair: Richard Baker (United Kingdom), Stefan Bolder (Netherlands)

- O18-134 6'+2'  
  Primary hip and knee arthroplasty in Germany and the Netherlands. Is there a downside effect to fast-track surgery regarding patient satisfaction and functional outcome?  
  Wout Füssenich (Netherlands), D. Gerhardt, T. Pauly, F. Lorenz, M. Olieslagers, C. Braun, J. van Susante

- O18-300 6'+2'  
  Clinico radiological comparative study anterior versus posterosateral approach  
  Daniel Godoy Monzon (Argentina), A. Cid Casteulani, G. Martinez Lotti, L. Turas, A. Ordas

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**08:00–09:00 O19 Custom implants**

**Mississippi**  
Chair: Martin Krismer (Austria), Justin Cobb (United Kingdom)

- O19-287 6'+2'  
  Positioning of in custom-made implants by revision hip arthroplasty: do they really apply as a “key to the lock”?  
  Rashid Tikhilov (Russian Federation), I. Shubnyakov, A. Denisov

- O19-262 6'+2'  
  A 3D printed cementless modular short stem for MIS THA: Retrospective study on 100 consecutive patients with average 5.6 years follow-up  
  Umberto Fusco (Italy), R. Sottocasa, M. Lodí, E. Morosi

- O19-43 6'+2'  
  Custom triflange acetabular component for revision total hip arthroplasty  
  Andrey Korytkin (Russian Federation), Y. El Moudni, C. Kovaldov

- O19-137 6'+2'  
  Patient specific 3D printed acetabular cages as last resort  
  Wim H.C. Rijnen (Netherlands), B. Schreurs

- O19-350 6'+2'  
  Early clinical and radiographic outcomes with an additive manufactured porous acetabular cup  
  R. Cohen, M. Bhomvik-Staker, A. Faizan, L. Scholl, R. Davignon, L. Raja, G. Westrich, Jim Nevelos (United States of America)

- O19-268 6'+2'  
  Clinical and radiological outcome up to 4 years after hip revision surgery of complex acetabular defects with the aMace custom-made acetabular cup: a retrospective study  
  Philippe van Overschelde (Belgium)

- O19-342 6'+2'  
  The outcome of the partial resurfacing arthroplasty of the hip shows high numbers of failures and conversion to total arthroplasty  
  T. Floerkemeier, H. Windhagen, Stefan Budde (Germany), G. von Lewinski, M. Ezechiel
08:00–09:00  O20 Hip preserving surgery 2

**Everest**
Chair: Klaus-Arno Siebenrock (Switzerland), Oliver Marin-Pena (Spain)

**O20-209 6’+2’**
The use of platelet rich plasma in the treatment of greater trochanteric pain syndrome. A systematic literature review
Mohammed Ali (United Kingdom), E. Oderuth, A. Malviya

**O20-547 6’+2’**
Comparison of ilizarov hip reconstruction osteotomy and total hip arthroplasty with femoral shortening in the treatment of high hip dislocation
Vahit Emre Ozden (Turkey), M. Kocaoglu, Y. Temelli, I. Tozun

**O20-480 6’+2’**
Gluteal tears in great trochanter pain syndrome. Results in 135 cases with mini-open technique
Manuel Ribas Fernández (Spain), C. Cardenas, V. Bellotti, E. Moya, L. Ramirez, G. Chacon

09:00–10:00  ICL3 ACARO’s activity as a guest nation

**King Willem Alexander**
Chair: Andres Silberman (Argentina), Werner E. Siebert (Germany)

2’ Welcome
B. Willem Schreurs (Netherlands)

4’ Introduction
Martin Buttaro (Argentina)

9’ THA in acute septic arthritis and sequelae
Fernando Lopreite (Argentina)

9’ Use of standarized infection ratio to asses the impact of preventive measures in THA
Federico Burgio (Argentina)

4’ Discussion
Fernando Comba (Argentina)

09:00–10:00  AW1 Award Abstracts session 1

**Amazon**
Chair: Klaus-Peter Günther (Germany), Thomas Ilchmann (Switzerland)

**AW1-540 7’+3’**
Function and quality of life after revision total hip arthroplasty
Antonios Koutalos (Greece), S. Varitimidis, K. Malizos, T. Karachalios

**AW1-103 7’+3’**
The effect of femoral offset on polyethylene wear in total hip arthroplasty: A CT-based finite element analysis of 15 patients with simulated gait
Hannes A. Rüdiger (Switzerland), A. Latypova, A. Terrier

**AW1-427 7’+3’**
Influence of the volume of procedures per hospital and year on the results in hip arthroplasty surgery
Miquel Pons (Spain), J. Arias-de la Torre, O. Martinez, L. Muñoz, M. Espallargues

**AW1-584 7’+3’**
How reliable are hip surgeons when determining the eligibility for hip arthroplasty?
Heinse Bouma (Netherlands), K. Koenraadt, F. Atsma, R. Wagemakers, O. Molenkamp, E. Roovers, S. Bolder

**AW1-248 7’+3’**
PTX3 as a new biomarker for the diagnosis of periprosthetic joint infection: a single-center pilot study
Mattia Loppini (Italy), F. Traverso, R. Avigni, R. Leone, B. Bottazzi, A. Mantovani, G. Grappiolo

**AW1-386 7’+3’**
Self-management versus usual care physical therapy after hip-arthroscopy. A randomized controlled trial
Enrico de Visser (Netherlands)

10:00–10:30  Coffee break, visit of industry and poster exhibition

10:30–12:00  SY5 The young patient with a total hip prostheses

**King Willem Alexander**
Chair: Sören Overgaard (Denmark), B. Willem Schreurs (Netherlands)

15’ How many young patients are affected, indications, prevalence and the growth of the number of THA in these younger patients
Sören Overgaard (Denmark)

15’ Registry data on outcomes and revision in the young
Henrik Malchau (Sweden)
15’ Cemented total hips in the very young, 180 THA under 30 yrs
B. Willem Schreurs (Netherlands)

15’ Are short noncemented stems the option in young patients?
Werner E. Siebert (Germany)

15’ DDH and THA for the young: technical challenges
Roberto Binazzi (Italy)

15’ Discussion

10:30–12:00 SY6 Revision of the femur

Amazon Chair: Thierry Scheerlinck (Belgium), George Macheras (Greece)
10’ Plan for the worst, hope for the best
Thierry Scheerlinck (Belgium)
10’ How to remove implants and cement
Kris Govaers (Belgium)
10’ Uncemented stem revisions, a good solution for all cases?
George Macheras (Greece)
10’ Is the use of cement in stem revision dead?
Jonathan Howell (United Kingdom)
10’ Periprosthetic fractures, an increasing problem
Eleftherios Tsiridis (Greece)
10’ What to do in hopeless cases
Duncan Whitwell (United Kingdom)
30’ Case presentations and discussion
Thierry Scheerlinck (Belgium)

12:00–13:30 Lunch break, visit of industry and poster exhibition

12:15–13:15 Industry Workshop (see page 60)

13:30–14:30 ICL4 Guidelines for follow-up of Metal on Metal prosthesis

King Willem Alexander Chair: Klaus-Peter Günther (Germany), Alister J. Hart (United Kingdom)
15’+5’ Adverse reactions to metal debris (ARMD): current knowledge of local and systemic risks
Alister J. Hart (United Kingdom)
15’+5’ Update of international recommendations on the follow-up of MoM implants
Harmen Ettema (Netherlands)
15’+5’ Revision surgery for failed MoM implants: indication, technique and outcome
Klaus-Peter Günther (Germany)

13:30–14:30 AW2 Award Abstracts session 2

Amazon Chair: Johan Kärholm (Sweden), Mazhar Tokgozoglu (Turkey)

AW2-198 7’+3’ Bad press equals bad PROMs?
Marieke F. van Wier (Netherlands), T. Nijman, L. Barendregt, V. Scholtes, S. P. van der Werf, R. Poolman

AW2-29 7’+3’ Is ceramic related to a lower bacterial adhesion than other biomaterials?
Pablo Slillitel (Argentina), G. Greco, M. Buttaro, S. Mc Loughlin, J. Oratia, C. Garcia Avila, F. Comba, F. Piccaluga

AW2-407 7’+3’ Conversion of hip fusion to total hip arthroplasty through direct anterior approach
Seyed Mohammad Javad Mortazavi (Iran), M. Kazemi

AW2-120 7’+3’ No measurable learning curve of the introduction of the direct superior approach in total hip arthroplasty
Bouke Duijnisveld (Netherlands), J. van den Hout, R. Wagenmakers, K. Koenraadt, S. Bolder

AW2-294 7’+3’ Eighteen year comparison of hybrid total hip replacement and Birmingham hip resurfacing in active young patients

AW2-433 7’+3’ Safe surgical anatomy of the deep gluteal space related to arthroscopic treatment
Bruno Capurro Soler (Spain), F. Reina de la Torre, A. Carrera, A. Leon Garcia, F. Marques Lopez, M. Tey Pons

14:30–15:30 O21 Registries and outcome

King Willem Alexander Chair: Evert Smith (United Kingdom), Nicola Santori (Italy)

O21-241 6’+2’ Mortality and revision rate of cemented and uncemented hemiarthroplasty after hip fracture. An analysis of the Dutch Arthroplasty Register (LROI)
Bouke Duijnisveld (Netherlands), K. Koenraadt, R. Wagenmakers, L. Boonman-de Winter, L. van Steenbergen, S. Bolder

O21-241 6’+2’ Most patients return to work and sports after total hip arthroplasty – a systematic review and meta-analysis
Alexander Hoornije (Netherlands), K. Janssen, R. van Geenen, K. Koenraadt, S. Bolder, L. Blankevoort, G. Kerkhoffs, P. Kuijer

O21-109 6’+2’ 15 years of mixed ceramic in total hip arthroplasty: Insights from the NJR
Alessandro Porporati (Germany)

O21-35 6’+2’ Measurement of physical function in hip osteoarthritis patients. Measurement properties of the OARSI core set of performance-based measures
J. J. Tolk (Netherlands), R. Janssen, C. Prinsen, M. van der Steen, S. Bierma-Zeinstra, M. Reijman
14:30–15:30 O22 Revision THA 2

Amazon

Chair: Rui Manuel V. C. Cabral (Portugal), Stefan Bolder (Netherlands)

O22-510 Use of a total femur prosthesis for revision of a total hip replacement with extreme bone loss

Mazhar Tokgozoglu (Turkey), S. Bekmez, O. Caglar, S. Bakircioglu, A. Yucekul

O22-242 Acetabular re-revision with impaction bone grafting and a cemented cup

Eduardo Garcia Cimbrelo (Spain), E. Garcia Rey

O22-175 Constrained liners revisited: Good 5-year mid-term results in 30 patients with abductor insufficiency

Eleftherios Tsiridis (Greece), E. Kenanidis, J. Nakopoulos, M. Potoupnis, F. Sayegh

O22-219 Trabecular metal cups and augments for the management of Paprosky type III defects. A mid-term retrospective study

Mattia Loppini (Italy), A. Paraskevopoulos, A. Della Rocca, R. Ruggeri, F. Della Rocca, F. Traverso, F. Astore, G. Grappiolo

O22-195 Initial experience of using a custom modular articulating spacer with the direct anterior approach in two-stage revisions of infected total hip arthroplasties

Wolfiram Pawelka (Austria), M. Nogler, M. Thaler

O22-372 Early radiologic assessment of revision total hip arthroplasty with the Reclalm modular revision hip system

Liana Wong (Ireland), P. Moriarty, J. Harty

O22-202 Long-term outcome of the Wagner SL tapered stem in complex revisions

Stefano Negri (Italy), D. Regis, A. Sandri, I. Bonetti, B. Magnus

14:30–15:30 O23 Metal ion release & tribology

Mississippi

Chair: Alister J. Hart (United Kingdom), Job van Susante (Netherlands)

O23-217 Adverse MOM wear mechanisms are triggered by release of large metal particles during MOM impingement episodes

Ian C. Clarke (United States of America), E. Smith, T. Donaldson

O23-377 Late occurrence of ARMD in 28mm metal-on-metal bearings

Jean-Pierre Simon (Belgium), S. Ghijselings

O23-357 Multi-system manifestation of cobalt toxicity in the setting of metal-on-polyethylene total hip arthroplasty

M. Grosso, P. Park, William Macaulay (United States of America)

O23-73 Mid-term functional outcomes & cobalt chromium levels following ceramic on metal total hip replacement

N. Mehta, J. Leong, P. Brown, Dhawal Patel (United Kingdom), H. Kazi, F. Carroll

O23-20 Update on corrosion and adverse tissue reaction of a modular neck design in a curved neck-tissue conserving stem

Timothy Mc Tighe (United States of America), D. Brazil, J. Keggi, L. Keppler, E. McPherson, B. Vaughn

O23-13 The effect of bearing type on the outcome of total hip arthroplasty

Rinne Peters (Netherlands), L. Van Steenbergen, M. Stevens, P. Rijk, S. Bulstra, W. Zijlstra

O23-199 Squeaking ceramic-on-ceramic total hip arthroplasties: 3D analysis of CT scans

B. Schiller, J. Friesenbichler, M. Maier, L. Leitner, A. Leithner, Werner Maurer-Ertl (Austria)

14:30–15:30 O24 Hip arthroscopy 2

Everest

Chair: Theofilos Karachalios (Greece), Roberto Binazzi (Italy)

O24-491 Arthroscopic treatment of Greater trochanteric pain syndrome

Francisco Alpoim (Portugal), F. Pires, F. Oliveira, F. Leal, E. Monteiro, A. Miranda

O24-520 The efficacy of chemical prophylaxis in prevention of Heterotopic Ossification (HO) following hip arthroscopy

Patrick Carton (Ireland), D. Filan

O24-383 Labral lesions in Hyper Mobility Syndromes. Treatment with arthroscopic surgery combined with physical therapy aimed at hip stability gives satisfactory results

Enrico de Visser (Netherlands)

O24-260 In search of the spherical femoroplasty: Cam over-resection leads to inferior functional 2 scores before and after revision hip arthroscopy

B. Domb, Ajay Lall (United States of America), Y. Mansor, I. Perets, M. Close, B. Mu, L. Yuen
Return to work following hip arthroscopy for femoroacetabular impingement
Paul Haggis (United Kingdom), T. Pollard, T. Andrade

Arthroscopic treatment of pigmented villonodular synovitis of the hip – case series
Filipa Pires (Portugal), E. Lisboa Monteiro, F. Alpoim, F. Oliveira, N. Reais, P. Atilano, F. Leal, S. Dias

Sustained benefit of autologous matrix-induced chondrogenesis (AMIC) for hip cartilage repair in athletic patients
Fritz Thorey (Germany), D. Giotis

15:30–16:00 Coffee break, visit of industry and poster exhibition

16:00–17:30 SY7 How to interpret and use register data
Chair: Johan Kärrholm (Sweden), Evert Smith (United Kingdom)

The advantages and limitations of Registry data in the monitoring of new devices and benchmarking
Keith Tucker (United Kingdom)

What is hidden behind the survival curves/diagrams?
Johan Kärrholm (Sweden)

Linkage – what can we learn from linking Registry data to other National Databases?
John A. M. Skinner (United Kingdom)

What register data can and cannot tell us
Michael Whitehouse (United Kingdom)

The use of results from registers in clinical practice
Liza van Steenbergen (Netherlands)

Monitoring surgical performance with Registry data
Peter Howard (United Kingdom)

16:00–17:30 SY8 Revision acetabulum: Current dilemmas in acetabular revision and their solutions
Chair: A. Mazhar Tokgozoglu (Turkey), Maziar Mohaddes (Sweden)

What is new in our understanding of acetabular bone defects and their effect on planning of surgery?
A. Mazhar Tokgozoglu (Turkey)

What is the role of acetabular impaction grafting in 2018?
B. Willem Schreurs (Netherlands)

New technologies (trabecular metal and their variants), when to use them
Andrew Manktelow (United Kingdom)

The role of new technologies in preventing instability, dislocation in acetabular revisions
Jean-Alain Epinette (France)

What is the best for our patients in light of registry data?
Maziar Mohaddes (Sweden)

17:30–17:45 Awards ceremony

17:45–19:15 EHS General Assembly
Amazon EHS Members only

20:00 Congress Dinner (see page 58)
### Saturday, 22 Sep 2018

#### 08:00–09:00 O25 Primary THA 3

**King Willem Alexander**
Chair: Hans Gollwitzer (Germany), Enrico de Visser (Netherlands)

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<th>Session</th>
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<tr>
<td>O25-530</td>
<td>Why primary total hip arthroplasty fails – our reality</td>
<td>Joao Barroso (Portugal), H. Aleixo, L. Carvalho, L. Fernandes, D. Castro, T. Lino, S. Araujo</td>
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<tr>
<td>O25-143</td>
<td>Exchangeable neck safety and efficacy assessment: a retrospective study on a cohort of 1,033 THAs with a maximum 15 years follow-up</td>
<td>P. Maniscalco, Corrado Ciatti (Italy), L. Ghidoni, G. Ghidoni, G. Strigini, F. Pogliacomi, F. Ceccarelli</td>
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<td>O25-226</td>
<td>Distal femoral cortical hypertrophy after Exeter stem implantation</td>
<td>Toshiki Iwase (Japan), D. Morita, G. Takemoto</td>
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<td>O25-299</td>
<td>Longitudinal evaluation of leg length discrepancy after total hip replacement</td>
<td>Paul Ruckensuthl (Austria), M. Grandesso, M. Maier, J. Friesenbichler, S. Fischerauer, P. Reinbacher, A. Leithner, W. Maurer-Ertl</td>
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<td>O25-466</td>
<td>One- or two-stage bilateral total hip arthroplasty – clinical results</td>
<td>Fritz Thorey (Germany)</td>
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<td>O25-545</td>
<td>Primary total hip arthroplasty with short Exeter stems, clinical follow-up and implant survival after 10 to 15 years</td>
<td>Remy van der Koelen (Netherlands), G. Hannink, W. Rijnen, B. Schreurs</td>
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**O25-545**
Primary total hip arthroplasty with short Exeter stems, clinical follow-up and implant survival after 10 to 15 years
Remy van der Koelen (Netherlands), G. Hannink, W. Rijnen, B. Schreurs

#### 08:00–09:00 O26 Short stems

**Amazon**
Chair: Werner E. Siebert (Germany), Pedro Dantas (Portugal)

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<th>Session</th>
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<tr>
<td>O26-471</td>
<td>Mid-thigh pain after short-stem compared to conventional stem uncemented total hip arthroplasty at medium-term follow-up. A randomized double blinded cross-sectional study</td>
<td>Willem Paul Giels (Netherlands), J. van Oldenrijck, N. Ten Cate, V. Scholtes, L. van Beers, C. Geerdink, B. Nijs, R. Poolman</td>
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<tr>
<td>O26-518</td>
<td>A 5-year radiological study of a short stem with preservation of the femoral neck. Is metaphyseal fixation true?</td>
<td>Miquel Pons (Spain), L. Lobo, D. Berlanga</td>
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<td>O26-366</td>
<td>The migration pattern and initial stability of the Optimys short stem in total hip arthroplasty: a prospective 2-years follow-up study of 33 patients with RSA</td>
<td>Sheryl de Waard (Netherlands), I. Sierenvelt, R. Jonker, D. Hoornenborg, H. van der Vis, G. Kerkhoffs, D. Haverkamp</td>
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#### 08:00–09:00 O27 Revision THA 3

**Mississippi**
Chair: Martyn L. Porter (United Kingdom), Luigi Zagra (Italy)

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<tr>
<td>O27-570</td>
<td>Our experience with short stem hip replacement surgery – 6 year follow-up</td>
<td>Sumeet Rastogi (India), S. Marya</td>
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<tr>
<td>O27-543</td>
<td>Is there a role for short stems in the treatment of high dislocated patients with total hip arthroplasty? A comparative prospective cohort comparing short vs. standard stems</td>
<td>Nicolas Restrepo (Colombia)</td>
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<tr>
<td>O27-497</td>
<td>A new triconical greater trochanter sparing short stem. Results at four years</td>
<td>Manuel Ribas Fernández (Spain), C. Cardenas, V. Bellotti, E. Astarita, E. Moya, L. Ramirez</td>
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<td>O27-171</td>
<td>Short stems in obese patients: A case-control retrospective study</td>
<td>Giandomenico Logroscino (Italy), M. Saracco, V. Campana</td>
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<tr>
<td>O27-567</td>
<td>Long term outcome and survivorship of extensively hydroxyapatite-coated femoral stem in revision hip arthroplasty</td>
<td>Kwong Yin Chung (Hong Kong), W. Liu, K. Cheung, K. Chiu, K. Ho</td>
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<td>O27-44</td>
<td>Extended trochanteric osteotomy for the management of periprosthetic femoral fractures</td>
<td>Younges El Moudni (Russian Federation), A. Korytkin, K. Kovaldov</td>
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<td>O27-181</td>
<td>Tantalum augments for Paprosky type IIIA and IIIB acetabular revision: Excellent mid-term results in 15 patients; a prospective cohort study</td>
<td>Eleftherios Tsiridis (Greece), E. Kenanidis, J. Nakopoulos, M. Potsipnisis, F. Sayegh</td>
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<tr>
<td>O27-559</td>
<td>Revision total hip: Validating porous titanium shells in rapid recovery</td>
<td>Kenneth Linton (Ireland), J. Gibbons, T. Mahmood, F. Rowan, J. Queally, D. Bennett</td>
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<tr>
<td>O27-216</td>
<td>Acetabular revision with trabecular titanium cups: a retrospective analysis of a prospective case series</td>
<td>Leo Massari (Italy), V. Lorusso, D. Battin, G. Pierattelli, R. Osti, G. Caruso</td>
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<td>O27-266</td>
<td>Outcome of revision arthroplasty in young patients with inflammatory arthritis</td>
<td>S. Salih, Johan Witt (United Kingdom)</td>
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<td>O27-75</td>
<td>Acetabular revision using trabecular metal augments for Paprosky type 3A and 3B defects</td>
<td>Bruno Tavares Rabello (Brazil), L. da Silva Sena, M. Tarrago Viana, L. Carlos Zacaron Junior, S. Ricardo Neto, F. de Melo Rangel Gomes, V. Hugo Vian</td>
</tr>
</tbody>
</table>
**08:00–09:00 O28 Infection**

**Everest**
Chair: Wim H. C. Rijnen (Netherlands), José Cordero-Ampuero (Spain)

O28-135
Reduction in prosthetic joint infection after introduction of per-operative wound irrigation with chlorhexidine: a large scale evaluation of a change in standard care
Marijn Rutgers (Netherlands), F. Yesilkaya, D. Moojen, R. Poolman, N. Willigenburg, D. Kempen

O28-536
Does laminar flow reduce the risk of early surgical site infection in hip fracture patients?
Azhar Din (United Kingdom), M. O’Boyle, P. Foden, M. Mathew, K. Periasamy

O28-127
Risk factors for periprosthetic joint infection after primary total hip arthroplasty: an analysis of institutional data
Georgios Triantafyllopoulos (United States of America), V. Soranoglou, S. Memtsoudis, T. Sculco, L. Poultsides

O28-515
Comparison of different antibiotics prophylaxis regimes in the risk of revision for infection following primary joint arthroplasty of the hip and knee in the Netherlands
Ewout Veltman (Netherlands), E. Lenguerrand, D. Moojen, M. Whitehouse, R. Nelissen, A. Blom, R. Poolman

O28-129
Low sensitivity of alpha-defensin (Synovasure) test for intraoperative exclusion of prosthetic joint infection
Ruben Scholten (Netherlands), J. Visser, J. van Susante, C. van Loon

O28-126
Does surgical approach affect the risk for deep infection after primary total hip arthroplasty?
Georgios Triantafyllopoulos (United States of America), S. Memtsoudis, H. Wang, Y. Ma, M. Alexiades, L. Poultsides

O28-69
The influence of recent dislocation and/or periprosthetic fracture on intraoperative frozen section histopathology for the diagnosis of periprosthetic joint infection in hip revision surgery
Jan Somers (Belgium), L. Luycx

**09:00–10:00 ICL5 The infected total hip**

**King Willem Alexander**
Chair: Per Kjaersgaard-Andersen (Denmark), Carsten Perka (Germany)

10’+5’ Bacteriologic diagnosis of an infected hip arthroplasty: difficulties and mistakes in one-stage protocols
Ian Stockley (United Kingdom)

10’+5’ Bacteriologic diagnosis of an infected hip arthroplasty: advantages and mistakes with two-stage protocols
José Cordero-Ampuero (Spain)

10:00–10:30 Coffee break, visit of industry and poster exhibition

10:30–13:00 SY9 New developments in THA: Tele-medicine, computer assistance and customization of implants

**King Willem Alexander**
Chair: Luigi Zagra (Italy), Henrik Malchau (Sweden)

10’ Tele orthopaedics is going to change where and how we deliver care
Jonathan Schaffer (United States of America)

10’ Will computer model predict our implant choice and outcome?
Nico Verdonschot (Netherlands)

10’ Computer navigation overview and state of the art
Carsten Perka (Germany)

10’ Using virtual reality as a tool for THA placement
Eleftherios Tsiridis (Greece)

15’ Discussion

10’ First experience with custom made 3D printed cups in revisions
Gijs van Hellemont (Netherlands)
10’ Antibiotic impregnated polyethylene and with local anaesthetics: a new era of an "old" material?
Henrik Malchau (Sweden)

10’ New diagnostic tools for PJI and “customized” antibiotics on the implants
Luigi Zagra (Italy)

10’ Discussion
Companies view of the future

10’ stryker: Innovation in Joint Replacement
Jim Nevelos (United States of America)

10’ Smith & Nephew: The Future of Hip Arthroplasty
Amir Kamali (United Kingdom)

10’ LimaCorporate: The Hip Arthroplasty 4.0: ideas and future
Fabio Riva (Italy)

10’ DePuy Synthes: Digital Technology in Orthopaedics
Josh Bridgens (United Kingdom)

15’ Final discussion

13:00 Farewell

Invited Faculty

Aamodt, Arild . . . . Norway
Arts, Chris . . . . Netherlands
Attila, Bülent. . . . Turkey
Babis, George . . . . Greece
Baker, Richard . . . United Kingdom
Binazzi, Roberto . . . Italy
Bolder, Stefan . . . . Netherlands
Bondarenko, Stanislav . . Ukraine
Bozkurt, Murat . . . Turkey
Brühn, Jörgen . . . . Netherlands
Büchler, Lorenz . . . Switzerland
Burgo, Federico . . . . Argentina
Buttarro, Martin . . . . Argentina
Cabraal, Rui Manuel V.C. . Portugal
Cobb, Justin . . . . United Kingdom
Comba, Fernando . . . Argentina
Cordero-Ampuero, José . . Spain
Csernatony, Zoltan . . Hungary
Dantas, Pedro . . . . Portugal
De Visser, Enrico . . . Netherlands
Deleanu, Bogdan . . . Romania
Dungl, Pavel . . . . Czech Republic
Epinette, Jean-Alain . . France
Ettema, Harmen . . . Netherlands
Ferreira, Andre . . . France
Garcia Cimbrelo, Eduardo . . Spain
Garcia Rey, Eduardo . . Spain
Girard, Julien . . . . France
Gollwitzer, Hans . . . Germany
Gosens, Taco. . . . . Netherlands
Govaers, Kris. . . . Belgium
Grappiolo, Guido . . Italy
Günther, Klaus-Peter . . Germany
Hart, Alister J. . . . United Kingdom
Howard, Peter . . . . United Kingdom
Howell, Jonathan . . . United Kingdom
Iichmann, Thomas . . Switzerland
Janssen, Dennis . . . Netherlands
Jerosch, Jörg. . . . . Germany
Johansen, Antony . . United Kingdom
Jones, Stephen . . . United Kingdom
Jutte, Paul . . . . Netherlands
Karachalios, Theofilos. . Greece
Kährholm, Johan . . Sweden
Kehlet, Henrik . . . Denmark
Kjaersgaard-Andersen, Per . Denmark
Krauspe, Rüdiger . . Germany
Krismer, Martin. . . . Austria
Lopreite, Fernando. . . Argentina
Macheras, George . . Greece
Malchau, Henrik . . Sweden
Maletti, Pablo . . . . Argentina
Manktelow, Andrew . . United Kingdom
Marin-Pena, Oliver. . . Spain
Masterson, Eric . . . Ireland
Mohaddes, Maziar. . . . Sweden
Nemeth, Banne . . . . Netherlands
Nogler, Michael. . . . Austria
Overgaard, Sören  .   .   .   Denmark
Perka, Carsten  .   .   .   Germany
Porter, Martyn L.  .   .   .   United Kingdom
Ramachandran, Manoj  .   .   .   United Kingdom
Ribas Fernández, Manuel  .   .   .   Spain
Rijnen, Wim H. C.  .   .   .   Netherlands
Rogmark, Cecelia  .   .   .   Sweden
Santori, Nicola  .   .   .   .   Italy
Schaffer, Jonathan  .   .   .   United States of America
Schafroth, Matthias  .   .   .   Netherlands
Scheerlinck, Thierry  .   .   .   Belgium
Schreurs, Berend Willem  .   .   .   Netherlands
Siebenrock, Klaus-Arno  .   .   Switzerland
Siebert, Werner E.  .   .   .   Germany
Silberman, Andres  .   .   .   Argentina
Skinner, John A. M.  .   .   .   United Kingdom
Smith, Evert  .   .   .   .   United Kingdom
Smolders, Jose  .   .   .   .   Netherlands
Solarino, Giuseppe  .   .   .   Italy
Somford, Matthijs  .   .   .   Netherlands
Stockley, Ian  .   .   .   .   United Kingdom
Taheriazam, Afshin  .   .   .   Iran
Ten Broeke, René  .   .   .   Netherlands
Thaler, Martin  .   .   .   Austria
Thorey, Fritz  .   .   .   .   Germany
Tokgozoglu, Mazhar  .   .   .   Turkey
Treacy, Ronan  .   .   .   .   United Kingdom
Tsiridis, Eleftherios  .   .   .   Greece
Tucker, Keith  .   .   .   .   United Kingdom
Ulmark, Gösta  .   .   .   Sweden
Van der Straeten, Catherine  .   .   .   United Kingdom
Van Hellemondt, Gjis  .   .   .   Netherlands
Van Steenbergen, Liza  .   .   .   Netherlands
Van Susante, Job  .   .   .   Netherlands
Vehmeijer, Stephan  .   .   .   Netherlands
Verdonschot, Nico  .   .   .   Netherlands
Vervest, Ton  .   .   .   .   Netherlands
Viale, German  .   .   .   .   Argentina
Voloshin, Victor  .   .   .   .   Russian Federation
Whitehouse, Michael  .   .   .   United Kingdom
Whitwell, Duncan  .   .   .   United Kingdom
Wretenberg, Per  .   .   .   Sweden
Zagra, Luigi  .   .   .   .   Italy

Overgaard, Sören  .   .   .   Denmark
Perka, Carsten  .   .   .   Germany
Porter, Martyn L.  .   .   .   United Kingdom
Ramachandran, Manoj  .   .   .   United Kingdom
Ribas Fernández, Manuel  .   .   .   Spain
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Van Susante, Job  .   .   .   Netherlands
Vehmeijer, Stephan  .   .   .   Netherlands
Verdonschot, Nico  .   .   .   Netherlands
Vervest, Ton  .   .   .   .   Netherlands
Viale, German  .   .   .   .   Argentina
Voloshin, Victor  .   .   .   .   Russian Federation
Whitehouse, Michael  .   .   .   United Kingdom
Whitwell, Duncan  .   .   .   United Kingdom
Wretenberg, Per  .   .   .   Sweden
Zagra, Luigi  .   .   .   .   Italy

Poster Exhibition

The Poster exhibition is located on the First floor in hall Yangtze and in the Amazon Foyer Round. It is open during the congress opening hours. The following poster categories will be available.

Yangtze

P01 Complex primary THA
P02 Dual mobility cups
P03 Fundamental science
P04 Hip arthroscopy
P05 Hip preserving surgery
P06 Infection
P07 Metal ion release and tribology
P08 New technologies
P09 Patient management
P10 Primary THA
P11 Registries and outcome
P12 Revision THA

Amazon Foyer Round

P13 Short stems
P14 Surgical approach
P15 The paediatric hip
P16 Trauma

Poster Welcome Reception

In order to improve the scientific exchange a Poster Welcome Reception is scheduled on Thursday, 20 September 2018, 19:00–20:00 h in and around the poster exhibition.

P01-16 A novel technique to remove Moore’s pins during conversion total hip arthroplasty Aaron Ng (United Kingdom), A. Bekhit, S. Niculescu
P01-28 Unconstrained primary total hip arthroplasty in gross motor level 3–4 Cerebral Palsy patients
Pablo Slullitel (Argentina), M. Buttaro, I. Cima, F. Comba, G. Zanotti, F. Piccaluga
P01-36 Total hip arthroplasty with shortening femoral osteotomy (with the S-ROM stem) for Crowe type IV developmental dysplasia
L. Necas, Maros Hrubina (Slovakia)
P01-115 Choice of acetabular cup in total hip replacement surgery due to adult congenital hip disease
Yordan Valeshkov (Bulgaria), G. Dimitrov, S. Todorov, I. Gerassimov, K. Totev
P01-116 Advantages of the posterior approach to the hip joint in endoprosthetic replacement of the dysplastic hip arthritis
Yordan Valeshkov (Bulgaria), G. Dimitrov, S. Todorov, I. Gerassimov, K. Totev
P01-144 Dual offset metaphyseal-filling stems in primary total hip arthroplasty in dysplastic hips after a minimum follow-up of 10 years
Goksel Dikmen (Turkey), V. Ozden, B. Bekac, I. Tozun
P01-165 Total hip arthroplasty after transtrochanteric rotational osteotomy for osteonecrosis of the femoral head: Evaluated with angiograms and computerized tomography
P01-178 Hartofilakidis type II and III DDH: Low offset Exeter cemented stem; excellent survival in 5-year follow-up in 40 patients
Eleftherios Tsiridis (Greece), E. Kenanidis, J. Nakopoulos, M. Potoupnis, F. Sayegh

P01-267 Total hip replacement in neuromuscular disorders
Ahmad Hany Saleh (Egypt), A. Ebied, M. Nagar

P01-271 Conversion total hip arthroplasty following failed cephalomedular nail for intertrochanteric hip fractures
Daniel Godoy Monzon (Argentina), M. Buttaro, P. Slullitel, A. Cid Casteulani, L. Turus, F. Piccaluga

P01-288 Five-year results after cementless total hip arthroplasty with Anthology stems for dysplastic femurs in Japanese patients

P01-305 Risk factors associated with persistent chronic opioid use following THA
A. Anoushiravani, K. Kim, M. Roof, K. Chen, J. Vigdorchik, Ran Schwarzkopf (United States of America)

P01-348 Fluoroscopy guided resurfacing hip arthroplasty in patients with osteosynthesis plates
Patricio Telesca (Argentina), M. Buttaro, F. Comba, G. Zanotti, F. Piccaluga

P01-351 Legg-Calvé-Perthes disease can lead to acetabular retroversion
Christiane Leibold (Switzerland), S. Steppacher, P. Whitlock, F. Schmaranzer, M. Tannast, K. Siebenrock

P01-353 Total hip arthroplasty with S-ROM modular system in patients with developmental dysplasia of the hip –10 years retrospective study
Filipa Pires (Portugal), F. Leal, F. Alpoin, F. Oliveira, N. Reais, P. Atilano, E. Lisboa Monteiro, S. Dias

P01-361 Direct anterior approach total hip arthroplasty in patients of retained hardware hip
Phonthakorn Panichkul (Thailand), S. Hongvilai, B. Visutipol, S. Rajo viroj, W. Sam ranvedhya

P01-380 Is Parkinson’s disease associated with worse outcomes following total hip replacement?
Peter Cnudde (Sweden), A. Wojtowicz, M. Mohaddes, D. Odin, S. Nemes, R. Williams

P01-387 Is one-stage bilateral total hip arthroplasty a safe procedure for patients with avascular necrosis of femoral head?
Afshin Taheriazam (Iran), F. Safdari

P01-399 THA in patients with haemophilia: DA approach is an asset
Seyed Mohammad Javad Mortazavi (Iran), H. Shafiei

P01-405 Alloplastic reconstruction of ligamentum teres femoris in unipolar hip arthroplasty
Oleksii Dudko (Ukraine), G. Dudko

P01-428 Morbi-mortality of total hip arthroplasty in patients with a high preoperative surgical risk

P01-431 The roof step cut technique for cotyloplasty in hip OA secondary to dysplasia
Zoltán Csirnátany (Hungary), S. Maró, G. Gyori, L. Zhang

P01-451 Total hip arthroplasty in association with digastic trochanteric osteotomy and proximal shortening: A solution for old hip dysplasia
Afshin Taheriazam (Iran), F. Safdari

P01-452 Total hip arthroplasty: A solution for previously fused hip
Afshin Taheriazam (Iran), F. Safdari

P01-454 Total hip arthroplasty following failed internal fixation of the proximal femoral fractures
Afshin Taheriazam (Iran), F. Safdari

P01-455 Total hip arthroplasty in Human Immunodeficiency Virus-positive patients – Up to a 14 year follow-up
D. Novikov, A. Anoushiravani, J. Feng, K. Chen, T. Wolfson, J. Vigdorchik, Ran Schwarzkopf (United States of America)

P01-501 Total hip arthroplasty in sickle cell anaemia and its challenges
M. Lopes, João Lobo (Portugal), M. Marta, C. Dopico, A. Sousa

P01-529 Tumoral reconstruction with the MUTARS megaprosthesi: our experience
Tiago Pato (Portugal), A. Pinto, R. Fonseca, J. Freitas, J. Casanova

P01-544 Dislocation after total hip arthroplasty in dysplastic cases crowe type 3 and 4
Dariush Savadkoohi (Iran)

P02-32 Cementation of a dual mobility cup into a well-fixed cementless shell in high risk patients undergoing revision total arthroplasty
Jesus Moreta (Spain), I. Uriarte, X. Foruria, I. Urra, A. Aguirre, J. Martinez-de los Mozos

P02-52 Cemented dual mobility cups in elderly patients
Sameh Marei (Egypt), A. Ebied, A. Zayda, H. Saad, A. Ebied

P02-130 Bone, cement and double mobility: a conservative approach in complex primary and revision surgery
Wouter Sioen (Belgium)

P02-180 Dual mobility total hip arthroplasty following failed fixation of proximal femoral fracture
Ahmed Ebied (Egypt), S. Marei, A. Hany Saleh, M. Alnagar, A. Ebied

P02-204 Impaction grafting and cemented dual mobility cup for failed fixation of acetabular fracture
Sameh Marei (Egypt), E. Badawy, A. Ebied

P02-289 Asymptomatic intra-prosthetic dual mobility cup dislocation with increased metal ion levels: a case report and review of current literature
Maarten Koper (Netherlands), K. Bos
P02-338 Encouraging short term outcomes with a novel acetabular reconstruction construct
A. Anoushiravani, T. Dogra, J. Feng, J. Vigdorchik, Ran Schwarzkopf (United States of America), Z. Cizmic, D. Novikov

P02-538 Revision of large diameter metal-on-metal THA using a custom-made dual-mobility bearing
Oliver Blocker (United Kingdom), E. Clatworthy, M. Goodson, A. John, S. Jones

P02-553 Dual mobility shell providing improved clinical outcomes with no dislocations
C. Brozyniak, G. Westrich, Kipling Sharpe (United States of America)

P02-572 Use of a solid backed press-fit dual mobility acetabular shell in hip revision arthroplasty
D. Marske, Kipling Sharpe (United States of America)

P03 Fundamental science

P03-95 dGEMRIC MRI of the hip can detect acetabular cartilage damage caused by femoro-acetabular impingement – a 3D CT validation study
Till Lerch (Switzerland), F. Schmaranzer, S. Steppacher, I. Todorski, G. Zheng, K. Siebenrock, M. Tannast

P03-146 Influence of total hip arthroplasty on bone metabolism
Evangelos Papadimitriou (Greece), T. Karachalios

P03-205 Smoking patients – faster mobilization? Postoperative mobilization after total hip arthroplasty (THA) measured by Fitbit® Tracker
Michael Doppelbauer (Switzerland), M. Schüler, D. Sauter

P03-240 Anatomical variations of hip external rotators and sciatic nerve path on human cadaveric models
M. Leite, A. Pinho, João Lobo (Portugal), P. Pereira, P. Pereira, D. Madeira, A. Sousa, João Lobo (Portugal)

P03-253 Computer-aided design of hip prosthesis: New three-dimensional method for the study of bone stress performance at femoral stem level

P03-254 Dynamic trial fitting of the cup, does surface roughness influence the judged press-fit (a biomechanical study)
Daniël Hoornenborg (Netherlands), S. de Waard, I. Sierevent, D. Haverkamp

P03-512 Does the muscle strength effect the balance of level of patients in early stage of total hip arthroplasty?
Vasfi A. Karatosun (Turkey), N. Elibol, B. Unver

P03-340 Comparisons of citations in Web of Science, Scopus, and Google Scholar for articles published in total hip arthroplasty rehabilitation
Feride Salman (Turkey), B. Unver, F. Unver, V. Karatosun

P03-374 Ischiofemoral impingement syndrome and anatomic variations in the trochanteric region on human cadaveric models

P03-413 Level of evidence of presentations at European Hip Society of the congresses from 2002 to 2016
B. Unver, H. Yarar, K. Sevik, Vasfi A. Karatosun (Turkey)

P03-421 Quality of randomized controlled trial abstracts presented at the European Hip Society of The Congresses from 2002 to 2016: An audit based on the CONSORT guidelines
B. Unver, H. Yarar, K. Sevik, Vasfi A. Karatosun (Turkey)

P03-474 Severity of hip osteoarthritis affects lower extremity compensatory mechanisms in spinopelvic malalignment

P03-481 Relevance of pelvic incidence in osteoarthritis of hip leading to arthroplasty
Seyed Mohammad Javad Mortazavi (Iran), H. Shafiei, F. Khan

P03-504 Nerve growth factor affects characteristics of sensory innervation and synovia of the hip in rat
Takanori Omae (Japan)

P03-505 A novel, non-invasive method for high-resolution 3D-MRI based volume and surface calculation in femoral head necrosis: A pilot study
F. Schmaranzer, Till Lerch (Switzerland), G. Zheng, J. Cullmann-Bastian, K. Siebenrock, M. Tannast

P03-513 Dynamic trial fitting of the cup, is the simulated press-fit reliable?
Daniël Hoornenborg (Netherlands), S. de Waard, I. Sierevent, D. Haverkamp

P03-548 Prospective study comparing acetabular bone resection in hip resurfacing and total hip arthroplasty
Sean O’Sullivan (Ireland), T. O’Sullivan, P. Carton, D. Filan
P04 Hip arthroscopy

P04-17 Return-to-Work after Arthroscopic Surgery for Femoral Acetabular Impingement in Patients younger than 30 Years
Alexander Zimmerer (Germany), W. Miehlke, C. Sobau

P04-93 Hip arthroscopy with initial access to the peripheral compartment for FAI treatment
Pedro Dantas (Portugal), C. Antonio, S. Goncalves, V. Campos, V. Mascarenhas

P04-97 Hip dysplasia and acetabular overcoverage negatively affect longterm outcome after open surgical treatment for cam FAI – a 15-year follow-up study
Till Lerch (Switzerland), I. Todorski, F. Schmaranzer, S. Steppacher, K. Siebenrock, M. Tannast

P04-246 Endoscopic treatment of deep gluteal syndrome: surgical technique and results
Fernando Leal (Portugal), T. Pato, R. Frada, M. Padin, J. Cruz de Melo

P04-251 Arthroscopic capsular plication in patients with labral tears and borderline dysplasia of the hip: Analysis of risk factors for failure
D. Maldonado, Mario Hevesi (United States of America), I. Perets, B. Mu, V. Ortiz-Declet, A. Chen, A. Lall, B. Domb

P04-256 Primary hip arthroscopy with labral reconstruction: Is there a difference between autograft and allograft?
D. Maldonado, Mario Hevesi (United States of America), I. Perets, V. Ortiz-Declet, A. Chen, A. Lall, J. Laseter, B. Domb

P04-256 The effect of complete tearing of the ligamentum teres in patients undergoing primary hip arthroscopy for femoroacetabular impingement and labral tears: A match-controlled study
B. Domb, Ajay Lall (United States of America), D. Maldonado, J. Laseter, I. Perets, V. Ortiz-Declet, A. Chen

P04-258 Outcomes of hip arthroscopy with concomitant periacetabular osteotomy. Minimum five-year follow-up
B. Domb, D. Maldonado, J. LaReau, I. Perets, V. Ortiz-Declet, J. Laseter, Ajay Lall (United States of America)

P04-302 Are results of arthroscopic labral repair durable in dysplasia at mid-term follow-up? A two centre matched cohort analysis
Mario Hevesi (United States of America), D. Hartigan, I. Wu, B. Levy, B. Domb, A. Kyrch

P04-313 Prevalence of generalized ligamentous laxity in patients undergoing hip arthroscopy: A prospective study of patients’ clinical presentation, physical examination, intraoperative findings, and surgical procedures
B. Domb, A. Saadat, Ajay Lall (United States of America), M. Battaglia, D. Maldonado, M. Mohr

P04-318 Femoral retroversion does not portend inferior mid-term outcomes after hip arthroscopy: a pair-matched controlled cohort analysis
B. Domb, Ajay Lall (United States of America), M. Battaglia, D. Maldonado, I. Perets, J. Laseter

P04-328 Intracapsular tumors of the hip: an arthroscopic approach
Tiago Pato (Portugal), F. Leal, R. Frada, M. Padin, J. Cruz de Melo

P04-337 Arthroscopic assisted mini-open approach of the hip for the treatment of benign tumours of the femoral head and neck – A case series of 6 patients
Marco Ezichieli (Germany), T. Caliess, H. Windhagen

P04-339 Reconstruction of the acetabular labrum with autologous capsule via arthroscopic assisted direct anterior mini open approach
Marco Ezichieli (Germany), H. Windhagen, T. Floerkemeier, M. Ribas

P04-385 Treatment results of labral lesions in adolescents
Enrico de Visser (Netherlands)

P04-392 Arthroscopic treatment of hip intra articular osteoid osteoma
Nicola Santori (Italy), A. Bertino, D. Potestio

P04-475 Return to sport in the recreational athlete following hip arthroscopy for femoro-acetabular impingement
Paul Haggis (United Kingdom), T. Pollard, T. Andrade

P04-476 Additional interventions required following hip arthroscopy
Paul Haggis (United Kingdom), T. Pollard, T. Andrade

P04-499 Arthroscopic treatment for femoral neck enchondroma – case report
Francisco Alpoim (Portugal), F. Pires, F. Oliveira, F. Leal, E. Monteiro, N. Reais, C. Queiroz, A. Miranda

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P14-569 No difference in patient reported outcomes between direct anterior and mini posterior approaches to THA at 3 months post-operatively
D. Marske, Kipling Sharpe (United States of America)

P14-577 The learning curve of the direct anterior approach without traction table in total hip replacement: Using the LC-CUSUM method
Stefan Beekhuizen (Netherlands), K. Steentjes, W. Eilander, P. Van Kampen, J. van der Lugt

P15 The paediatric hip

P15-278 Treatment of children with dysplastic coxarthrosis
Vladimir Baskov (Russian Federation), A. Baindurashvili, V. Neverov, P. Bortulev, D. Barsukov, I. Pozdnikin

P15-358 Neonatal paraplegias. Orthopaedic and functional hip aspects. What do not we have to do? A case report
Miguel Martinez-Espinosa (Spain), S. Ruiz García, J. González Gutiérrez, D. Paladino, D. Donaire-Hoyas, A. Albert-Ullibarri

P15-588 The modelling resection of the femoral head in children
Olexandr Korolkov (Ukraine), Z. Kuko, K. Lizaveta, A. Badnaoui

P15-591 Preventive surgery of the hip in children with cerebral palsy
Olexandr Korolkov (Ukraine), P. Rakhman, M. Rykun, S. Bondarenko, A. Badnaoui

P16 Trauma

P16-31 B2 periprosthetic femoral fractures around previously well-cemented polished stems can be treated with osteosynthesis in low-demand patients
Pablo Slullitel (Argentina), J. Ohiativa, F. Comba, G. Zanotti, M. Buttaro, F. Piccaluga

P16-38 Mini invasive approach or open technique with polyaxial locking plates in the treatment of periprosthetic hip fractures: which procedure is better?
Jorge Amestoy (Spain), J. Sanchez Soler, S. Martinez Diaz, A. León, M. Tey Pons, F. Marqués

P16-64 Incidence of periprosthetic fractures after cementless Alloclassic Zweymüller hip hemiarthroplasty
Thomas Baltes (Netherlands), E. de Vries, R. de Haan, J. Eerenberg, T. Vervest

P16-66 Pawel's angle as a prognostic factor in the osteosynthesis of Garden I and II subcapital femur fractures
Pedro Rosário (Portugal), F. Silva, R. Caria, M. Escobar, J. Martins

P16-67 Metastases of the femur. Aetiology, diagnosis and treatment – A review of our experience
Pedro Rosário (Portugal), F. Silva, R. Caria, M. Escobar, J. Martins

P16-156 Ceramic head fracture after high-energy trauma
José Antonio González Gutiérrez (Spain), A. Torres Pérez, D. Donaire-Hoyas, J. Martinez-Martín, S. Ruiz Garcia, M. Martinez-Espinosa, A. Albert-Ullibarri

P16-188 Recurrent anterior dislocation of the hip associated with ipsilateral intertrochanteric fracture of the femur – A case report
Young Sung Kim (South Korea (ROK)), S. Kang, J. Kim, H. Lee

P16-191 Comparative study of compression hip screw and proximal femoral nail in AO/OTA 31–A2.2 intertrochanteric fracture of the femur
Young Sung Kim (South Korea (ROK)), P. Chung, S. Kang, J. Kim, H. Lee

P16-324 Management of periprosthetic femoral fractures
Plamen Kinov (Bulgaria)

P16-369 Outcomes of management of periprosthetic fractures around stable hip or knee implants with ‘total femoral plating’
Dominic Davenport (United Kingdom), J. Hutt, A. Trompeter, P. Mitchell, A. Sandiford

P16-390 Treatment of periprosthetic fractures Vancouver type B2 through the DAA interval
D. Dammerer, Wolfram Pawelka (Austria), M. Nagler, M. Ban, M. Thaler

P16-443 Treatment of periprosthetic femoral fractures with uncemented modular revision stem with diaphyseal hold: our experience
Andrea Rossi (Italy), D. Munegato, R. Sotiri, G. Zatti

P16-587 Acetabular fracture fixation via a modified Stoppa intrapelvic approach
F. Oliveira, F. Leal, Filipa Pires (Portugal), C. Queiros, E. Monteiro, N. Reais, P. Attilano, S. Dias
Social Events

**Poster Welcome Reception**

The Poster Welcome Reception will be held on the first evening of the Congress in and around the poster exhibition. It is open to all registered delegates. Join us for and profit from informal scientific exchange and enjoying a free drink.

**Venue**
World Forum congress centre  
The Hague, Netherlands

**Date**
20 September 2018

**Time**
19:00–20:00 h

**Registration**
online on the EHS congress website: www.ehs-congress.org

**Congress Dinner**

Don’t miss the social event of the Congress – your chance to network with your peers! Join us for a fun filled evening of fine food and great entertainment. See you there!

Look forward to the David Mast Quartet:
The David Mast Quartet is a jazz combo consisting of four of the highest rated jazz musicians from the Netherlands. Band leader and trumpet player David Mast regularly plays with all the great Dutch acts and international acts like the legendary Gino Vanelli. Drummer Jeroen Vrolijk finished his Conservatory with the highest honor. Bass player Daniel van der Molen regularly plays with top Dutch acts like singer Ruth Jacott and Keyboard player Jan Willems van Delft is a highly sought-after composer, arranger and live pianist. Get ready for only the best jazz of all thinkable jazz sub-genres and styles!

**Venue**
Grand Hotel Amrâth Kurhaus The Hague  
Gevers Deynootplein 30l 2586 CK Den Haag Scheveningen

**Date**
21 September 2018

**Time**
20:00–00:00 h

**Costs per person**
EUR 69

**Registration**
onsite or on the EHS congress website: www.ehs-congress.org

**Bus Transfer**
from 19:30 h from World Forum, Main Entrance to Kurhaus  
drop off will be at the square in front of the hotel, next to restaurant Rodizio  
23:00 h and 23:30 h from Kurhaus to World Forum  
(pick up next to restaurant Rodizio)

Industry Workshops

The European Hip Society would like to thank the companies for organizing these great workshops and enhancing our programme.

**Thursday, 20 September 2018, 12:15–13:15 h**

**REDAPT™ Revision Symposium – ‘Elevate your revision experience’**

**Chair:** Stephen Jones (United Kingdom)  
**Faculty:** Prof. C. Görtze (GER), Mr. S. Konan (UK)

Smith & Nephew cordially invites you to join our expert faculty to learn more about our new REDAPT® Femoral and Acetabular Revision System.

**Programme:**

- Simplicity to achieve success in THA revision  
  - Mr. S. Jones
- Self-locking screws in acetabular revision – A new concept  
  - Prof. C. Görtze
- Modern monobloc system for femoral revision – Back to the future  
  - Mr. S. Konan
- Q&A and case discussion

**Amazon**

**Modern dislocation solution in primary and revision total hip replacement**

**Chair:** Jonathan Lee Conroy (United Kingdom), Jean-Alain Epinette (France),  
Jim Nevelos (United States of America)

**Presentations:**

- Can a new Additive Manufactured Cup improve dislocation in total hip arthroplasty?  
  - Jonathan Lee Conroy
- Modular dual mobility. Is it safe and does it meet the needs of young active patients?  
  - Jean-Alain Epinette
- Economic impact of dislocation in hospital practice  
  - Jim Nevelos
- Mako Robotic-Arm Assisted solutions in Hip replacements  
  - Jonathan Lee Conroy
**Industry Workshops**

**Friday, 21 September 2018, 12:15–13:15 h**

**Dual Mobility used in THA – the concept and the clinical results**
Chair: Douglas Dunlop (United Kingdom), Jean Charles Rollier (France), René Ten Broeke (Netherlands)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:15</td>
<td>Introduction to the symposium</td>
<td>Dr RHM ten Broeke</td>
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<tr>
<td>12:20</td>
<td>Dual Mobility across the World</td>
<td>Prof D Dunlop</td>
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<tr>
<td>12:30</td>
<td>Principles of Dual Mobility in THA</td>
<td>Dr JC Rollier</td>
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<tr>
<td>12:40</td>
<td>Should instability be solved via implant design or surgical technique?</td>
<td>Prof D Dunlop</td>
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<tr>
<td>12:50</td>
<td>Clinical Results – France</td>
<td>Dr JC Rollier</td>
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<tr>
<td>13:00</td>
<td>Q&amp;A Faculty</td>
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</tbody>
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**Partners**

The European Hip Society would like to thank the partners of the 13th Congress of the European Hip Society for their extraordinary support!

**Silver Partners**

- DePuy Synthes
  - [Image](https://example.com/depuysynthes)
  - [Website](https://www.depuysynthes.com)

- Smith & Nephew
  - [Image](https://example.com/smithnephew)
  - [Website](https://www.smithnephew.com)

- Stryker
  - [Image](https://example.com/stryker)
  - [Website](https://www.stryker.com)

**Bronze Partners**

- MicroPort Orthopedics
  - [Image](https://example.com/microporthip)
  - [Website](https://www.microporthip.com)

- Zimmer Biomet
  - [Image](https://example.com/zimmerbiomet)
  - [Website](https://www.zimmerbiomet.com)
Industrial Exhibition

The European Hip Society would like to thank the exhibitors of the 13th Congress of the European Hip Society for their support! We kindly invite you to visit the exhibition.

**Opening hours:**
- Thursday, 20 September 2018: 07.30–20.30 h
- Friday, 21 September 2018: 07.30–17.30 h

**List of exhibitors**

We thank the exhibitors of the 13th Congress of the European Hip Society for their support!

- B. Braun Aesculap 78532 Tuttlingen, Germany
- Arthrex GmbH 81249 Munich, Germany
- CeramTec GmbH 73207 Plochingen, Germany
- Condor GmbH 33154 Salzkotten, Germany
- EPM Endo Plant Müller GmbH 63839 Kleinwallstadt, Germany
- European Hip Society
- Heraeus Medical GmbH 61273 Wehrheim, Germany
- Johnson & Johnson Medical Devices Companies / DePuy Synthes 4528 Zuchwil, Switzerland
- LEXI Europe GmbH 90765 Fürth, Germany
- LIMACORPORATE S.p.A. 33038 Villanova di San Daniele del Friuli, Italy
- Waldemar LINK GmbH & Co.KG 22339 Hamburg, Germany
- Materialise NV 3001 Leuven, Belgium
- mediCAD Hectec GmbH 84032 Altdorf, Germany
- Medical Models – MITA RECON Bristol, BS6 7NZ, United Kingdom
- Medichanical Engineering ApS 7100 Vejle, Denmark
- Merete GmbH 12247 Berlin, Germany
- MicroPort Scientific Cooperatief U.A. 1101 BA Amsterdam, The Netherlands
- SERF 69153 Decines, France
- Shanghai Bojin Electric Instrument and Device Co., Ltd. 200436, Shanghai, China
- Smith & Nephew Orthopaedics AG 6340 Baar, Switzerland
- Stryker 1101 CM Amsterdam, The Netherlands
- Virtamed 8952 Schlieren, Switzerland
- Wisepress Ltd. London, SW19 2RL, United Kingdom
- Zimmer Biomet 8404 Winterthur, Switzerland

As of September 2018
Congress Registration & Fees

**Registration**

Please register online at www.ehs-congress.org or onsite from Wednesday, 19 September 2018 17:00 h.

**Registration fee includes** morning and afternoon scientific sessions, instructional course lectures, lunchtime symposia, access to technical exhibits, delegate’s badge, coffee breaks and the Poster Welcome Reception. A separate fee is applicable for the Congress Dinner.

**For group registrations** please send an email to ehs-congress@intercongress.de and request the special group booking form.

**Congress Registration & Fees**

<table>
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<tr>
<th>Congress ticket (20–22 Sep.)</th>
<th>Day ticket</th>
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</thead>
<tbody>
<tr>
<td><strong>Thurs./Friday,</strong> 20/21 Sep. (each)</td>
<td><strong>Saturday,</strong> 22 Sep.</td>
</tr>
<tr>
<td>Physicians Members of EHS or ACARO</td>
<td>EUR 490</td>
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<tr>
<td>Physicians Non members</td>
<td>EUR 570</td>
</tr>
<tr>
<td>Residents*/Subsidised Fee**</td>
<td>EUR 350</td>
</tr>
<tr>
<td>Students*/Physiotherapists*</td>
<td>EUR 200</td>
</tr>
<tr>
<td>Industry – non exhibiting</td>
<td>EUR 400</td>
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</tbody>
</table>

* registrations to be accompanied by a certificate signed by the head of department or valid student or professional ID (template form available at www.ehs-congress.org/registration)

**Social events**

- **Poster Welcome Reception**, 20 September 2018
  - EUR 0
- **Congress Dinner**, 21 September 2018
  - EUR 69

**Alterations & cancellation of congress registration**

Written notification is required for all congress cancellations and name changes. Notifications should be sent to EHS congress office ehs-congress@intercongress.de.

For alterations of reservations or any other invoiced item an administrative charge of 20.00 EUR will be charged. A cancellation charge of 30.00 EUR will be charged for cancellations until 23 August 2018. The fee for congress participation will not be refunded, even in case of non-participation, if a cancellation is not received in time. A refused visa application is no reason for refund. Alternative participants are readily accepted for an administrative charge of 20.00 EUR. No reimbursement will be made in case of cancellation of a social program from a participant. Please find full terms and conditions online at www.ehs-congress.org/registration.

**CME credits**

The 13th Congress of the European Hip Society, The Hague, Netherlands, 20/09/2018–22/09/2018 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 19 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

**Congress Information**

**Abstracts**

All accepted abstracts are published online only in the journal ‘Hip International’, the official journal of EHS (http://journals.sagepub.com/hip-int). There will be NO printed abstract book at the congress.

All abstracts are available in the Congress App, in the interactive Web programme or can be downloaded as PDF file from www.ehs-congress.org.

**Awards**

The two best presentations, after due evaluation by the Scientific Committee, will receive an award granted by Hip International of 1,500 EUR and 1,000 EUR respectively. The awarded abstracts will be published as full original article/review in a forthcoming issue of “Hip International”.

**Award ceremony**

The Award Ceremony is scheduled on Friday, 21 September 2018, 17:30–17:45 h in hall Amazon. All presenting authors have to attend personally.

**IMPORTANT Certificate of Attendance**

In order to receive CME credits for your congress participation you have to make sure that your badge is scanned at the entrance of each hall when entering a session – during the morning and during the afternoon. You will receive an email after your first scan. After the congress you will receive another email informing you about the CME credits collected, containing a link to download your certificate online.

A questionnaire regarding your congress participation needs to be filled in online. Self-printing terminals are available at the Registration desk. In order to print your certificate, please have your personalised badge at hand.

**Coffee & lunch breaks**

During the breaks participants will be provided with coffee, tea and water – free of charge. Snacks and drinks are also available throughout the whole meeting for a small charge at the World Café on the Ground floor. Important: in the World Café payment is only possible by credit or debit card (no cash will be accepted).
Congress Information

Congress language
Official language of the congress is English. There will be no translation of lectures.

Congress office onsite / Registration desk
If you have any queries or need help during the congress, please contact staff at the registration desk.
Opening hours:
Wednesday, 19 September 2018: 17.00–19.00 h
Thursday, 20 September 2018: 07.00–19.00 h
Friday, 21 September 2018: 07.00–19.00 h
Saturday, 22 September 2018: 07.00–13.00 h

Congress website
www.ehs-congress.org

IMPORTANT: Delegate’s badge
Your personal badge is your entrance ticket to all sessions as well as the exhibition. Please, remember each participant receives a name badge upon the self-printing terminals at the registration desk. Please have your Badge Express Print document at hand.
The badge is the official entrance ticket to all sessions as well as the exhibition. Please, remember to wear your badge at the congress and the social events.

In order to receive CME credits you have to make sure that your badge is scanned at the entrance of each hall when entering a session. Lost badges may only be replaced upon proof of original payment.

Filming/photography
Please note that all lectures are copyrighted in favour of the respective speaker. Therefore, visual or sound recordings require the prior consent of the speaker (Section 53, subsec 7 GCA). Any unapproved recording is unlawful and can cause compensation claims and injunctive relief by the copyright owner.

Industry exhibition
An industry exhibition will take place on the First floor at the World Forum congress centre. It will be open on Thursday from 07.30 until 20.30 h and on Friday from 07.30 until 17.30 h. 24 exhibitors will present a wide range of orthopaedic related products and services. Participants are encouraged to take advantage of this unique opportunity to be updated with the most recent advances and the latest news from our industry partners.

Insurance
Registration fees for the congress do not include any insurance. Neither the local organizing committee nor EHS Executive Committee will accept any responsibility or liability for any injuries, losses or damages sustained as a result of any cancellation, accidents, illness or other occurrences that may arise in connection with EHS congress 2018, unless occur as a result of our own negligence.

Mobile phones
All attendees are requested to turn-off or put their mobile phones in the silent mode during all scientific sessions.

Non-smoking
All venues for the conference are strictly non-smoking.

Speaker Preparation Room
The Speaker Preparation Room is located in room Volga on First floor of the World Forum.
Opening hours:
Wednesday, 19 September 2018: 17.00–19.00 h
Thursday, 20 September 2018: 07.00–19.00 h
Friday, 21 September 2018: 07.00–19.00 h
Saturday, 22 September 2018: 07.00–13.00 h

WiFi
Free WiFi in the World Forum is kindly supported by CeramTec
Login: EHS 2018
Password: bioloxdelta
Starting as revolutions and becoming standards, our original designs continue to evolve and inspire tomorrow’s greatest advancements.

Original M.E. Müller® Hip System
• Birth of the “Müller Philosophy” based on a straight, self-locking mechanism for cemented applications
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• 13A* ODEP rating
• 99% @ 26 yrs
• 100% @ 20 yrs in Dorr Type C Femurs

1. Latest ODEP ratings can be found at www.odep.org.uk
5. McLaughlin, J.R. et al. Long-Term Results of Uncemented Total Hip Arthroplasty with the Taperloc Femoral Component in Patients with Dorr Type C Proximal Femoral Morphology. The Bone & Joint Journal. 98-B.595-600, 2016. (Survival with endpoint stem revision for aseptic loosening)