**Program, Friday, 8th May 2015 Short Stem Prostesis**

08:15 Registration

Breakfast coffee

08:45 Welcome, Organization

Jerosch J., J. Schunck

09:00 Basics

Clinically relevant anatomy of the hip joint with special reference of the implantation of short-stem prostheses [T. J. Filler, Dusseldorf] 20 '

* Perioperative Management [NN] 15'
* Differences and classifications of the short shaft systems [J. Jerosch, Neuss] 20 '
* How important is the cup positioning? [NN] 15'

10:30 Coffee Break

11:00 **Prosthetic designs and Results I**

Rational design / construction principles / Theoretical background: biomechanical studies,

FE analyzes, etc. / indications / contraindications: age, osteoporosis, BMI, neck-shaft angle specific

Diseases / possible surgical approaches / Clinical Data: pre- and postoperatively. X-ray analyzes, offset,

CCD, leg length, Dexa data, RSA studies, clinical results / inspection option

**Practical Introduction to various short shaft systems by the operators.**

**In the previous year the following systems were present:**

* SMF stem (S & N)
* NANOS shaft (S & N)
* MiniHip (Corin)
* Profemur Preserve (Micro port)
* Optimys (Mathys)
* Brexis (stemcup)
* Fitmore (room)

12:30 – 13:00 Lunch Break

13:00 Video Demonstrations [Participants: auditorium floor, instructors: Workshop hall EC]

* Brief introduction of the systems on sawbone:

The instructors discuss tools, "Key Points" and personal tricks

13:45 Coffee Break

14:00 Hands-on Workshop OP-short-stem prosthesis

**Surgery with human cadavers:**

* Preparation of access
* prosthesis implantation in small groups under the guidance of the instructors

after, about

17:00 – 19:00 Get Together / Meet the Experts

**Program Saturday, 9. May 2015 Revisions Prosthetics**

07:45 Registration & breakfast coffee

08:15 Welcome, Organization

Ch. Götze, J. Jerosch

08:30 Cup revision

* Clinically relevant anatomy of the hip joint in the hip TEP revision.
* Course of the neurovascular structures (T. Filler) 15'
* Classification pan defects under consideration of specific treatment methods (Ch. Götze) 15'
* Access routes, change strategies and problems in the acetabular revision surgery (St. Höll) 15'

09:30 Cross-Fire Session: Strategies in cup revision

* Reconstruction with Impact Bone Graft (H. Quitmann) 10'
* Reconstruction with allografts structured (M. Tingart) 10'
* Reconstruction with Metallspongiosa (Ch. Götze) 10'
* Discussion all together

10:30 Coffee Break

11:00 Different cup designs

Representation on artificial bone

Moderator: J Jerosch / J. Schunck

* Gap Cups – Reko-Cup / Polarcup (Smith & Nephew) (Ch idol.) 15'
* Modular construction plastic, Mutars RS (Implantcast) (G. Gosheger / R. Diekmann) 15'
* EcoFit 2M pan (Implantcast) (G. Gosheger / R. Diekman) 15'
* CombiCup R hip cup (W. Link) (D. Flachmeyer) 15'

12:00 Hands-on: OP human cadaver

* Cup implantation in small groups under the guidance of the instructors
* (Supporting shells, support rings, bipolar cups, Mutars Rev. Cup, CombiCup)

13:15 Lunch break

13:45 Revision Stem

Chair: Ch. Götze / J. Schunck

* incidence and classification of periprosthetic Femur defects - Consideration in

surgical treatment of loosened prosthesis stem (M. Tingart) 15'

* change strategies in the short shaft (Ch. Götze) 15'
* How and where do I anchor the revision stem? (D. Flachmeyer) 15'
* Periprosthetic fractures - different treatment concepts to Mega prosthesis (St. Höll) 15'
* hip revision - saving bone removal? (J. Schunck) 15'
* Stem- and Hip Revision in case of infection (J. Jerosch) 15'

15:15 Coffee Break

15:30 Stem designs and results

Chaired by: J. Jerosch / Ch. Götze

* Mutars RS (Implantcast) (St. hell) 15'
* Redapt (Smith & Nephew) (Ch. Götze) 15'
* MP revision stem (W. Link) (D. Flachmeyer) 15'

View of the modular revision stem systems on the artificial bone

16:15 Hands-on: OP human cadavers

* Stem is implanted in small groups under the guidance of the instructors

(Mutars revision stem, stem Redapt system, MP revision stem)

18:15 End of the event

Distribution of Certificates

**Organizational Information:**

**Scientific Course Management:**

**Prof. Dr. med. Christian Götze**

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