

B Hip Revision – minimal

= only one answer allowed = multiple answers allowed

Patient sticker or filling in master data on sheet with component and cement registration

Admission

3. Height

4. Weight

5. Type of revised arthroplasty

- total hip arthroplasty
- femoral head/hemiprosthesis
- other prosthesis type

Diagnosis leading to revision

6a. Acetabular component

- none
- loosening
- osteolysis
- periprosthetic fracture
- malposition leg length discrepancy
- wear
- implant fracture

6.b Femoral component

- none
- loosening
- osteolysis
- Vancouver A periprosthetic fracture
- Vancouver B periprosthetic fracture
- Vancouver C periprosthetic fracture
- malposition leg length discrepancy
- wear
- implant fracture

6d. General

- none
- infection
- spacer in situ
- Girdlestone after hip prosthesis infection
- dislocation/instability
- pathological metal ion level
- metallosis, pseudotumour (ARMD, ALVAL, etc.)
- squeaking
- pain of unclear origin
- heterotopic ossification
- wrong sizing, wrong bearing pairing
- femoral head protrusion wear acetabulum

7. Class Charnley

- Limitation of walking ability
- A unilaterally diseased, opposite hip healthy
 - B bilaterally diseased
 - BB bilaterally diseased, opposite hip prosthesis
 - C other condition(s) affecting walking
 - unknown/not documented

6c. Prosthesis head

- none
- wear
- implant fracture

other diagnoses

8. Implantation year if before 2012

Surgery

1. Surgery date

2. Side

- right
- left

3. Responsible surgeon

5. Morbidity state (ASA)

- ASA 1 no disturbance
- ASA 2 mild/moderate
- ASA 3 severe
- ASA 4 life-threatening
- ASA 5 moribund
- unknown/ not documented

4. Assisting consultant

6. Intervention

- conversion **without** replacement of stem head-/hemiprosthesis to total hip
- conversion **with** replacement of stem head-/hemiprosthesis to total hip
- replacement of cup
- replacement of stem
- replacement of head
- replacement of inlay
- replacement of modular neck
- osteosynthesis femur
- osteosynthesis acetabulum
- component removal, spacer implantation
- component reimplantation (after spacer or Girdlestone)
- Girdlestone
- prosthesis preserving reoperation

7. Approach

- anterior
- anterolateral
- lateral
- posterior
- transfemoral
- Trochanter osteotomy

other approach

8a. Patient positioning

- supine position
- lateral position

andere Lagerung

8b. Operation table

- traction table
- normal table

9. Component fixation

- all cemented
 - all uncemented
 - AC uncemented, FE cemented
 - AC cemented, FE uncemented
 - reinforcement ring, FE cemented
 - reinforcement ring, FE uncemented*
 - reinforcement ring, FE unchanged*
- *Cementing information is omitted here

10. Technology

- none
- computer navigation cup
- computer navigation stem
- robotic-assisted (image guided, CT based)
- patient specific cutting blocks
- intraoperative fluoroscopy/radiography

11. Additional interventions

- none
- bony acetabular roof plasty
- central osseous reconstruction
- proximal femur osteotomy
- ORIF/CRIF acetabulum
- cerclage femur
- ORIF/CRIF femur
- Augments

other additional interventions

12. Cementing technique

- 1st generation
- 2nd generation
- 3rd generation

13. Individual cement add-ons by surgeon

- none
- contrast agent
- antibiotics

specify contrast agent

specify antibiotics

14. Component registration

- YES, if components have been changed or newly inserted
- no

First generation cementing technique: Finger packing, bowl mixing, no medullary plug, no cement pressurization, limited sizes and geometry of components.

Second generation cementing technique: Intramedullary plug, cleaning of bone bed, drying of the bone, retrograde cement insertion, multiple sizes and geometry of acet. and fem. components.

Third generation cementing technique: In addition to second generation – vacuum mixing, porosity reduction of cement, pressurization of cement mantle after insertion, centralization of stem within cement mantle.

Abbreviations: AC = acetabular, FE = femoral

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Patient data

MRN internal

Last name

First name

Birthdate dd.mm.jjjj male female

Street

Zip code Country

City

E-mail

Optional for implant tracking:
Place of birth, ADI, Country of birth, Last name at birth

Implants used Barcode stickers, supplier, product name, article number, lot number

Cement used Barcode stickers, supplier, product name, article number, lot number