IDES **HIP** Arhtroplasty Register
International Documentation and Evaluation System

siris
schweizerisches implantat-register
registre suisse des implants

REVISION B
2015
minimal

Last name	Official first name	Gender
		m / f
Street		M.R.N. *(internal)*
Country	Zip code	City
Social security number (ADI no.)		Birthdate (DD.MM.YYYY)
Last name at birth	Place of birth	Country of birth *(if not CH)*

☐ mandatory information   ☐ Recommended specification (Implant tracking*) ■

Directions
- *Use a #2 soft pencil for marking.*
- *Answer all questions unless otherwise indicated.*
- ■ *Completely fill in boxes to record answers.*

Side   ⊂⊃ **Right**   ⊂⊃ **Left**

Question types
⊂⊃ *only 1 answer allowed*
☐ *multiple answers allowed*

Admission

Hight** *(cm)* Enter exact values online if desired ....
⊂⊃140 ⊂⊃145 ⊂⊃150 ⊂⊃155 ⊂⊃160 ⊂⊃165 ⊂⊃170
⊂⊃175 ⊂⊃180 ⊂⊃185 ⊂⊃190 ⊂⊃195 ⊂⊃200 ⊂⊃205

Gewicht** *(kg)* Enter exact values online if desired ....
⊂⊃40 ⊂⊃45 ⊂⊃50 ⊂⊃55 ⊂⊃60 ⊂⊃65 ⊂⊃70
⊂⊃75 ⊂⊃80 ⊂⊃85 ⊂⊃90 ⊂⊃95 ⊂⊃100 ⊂⊃105

Height/Weight   ** BMI ist calculated online
⊂⊃ unknown/ not documented

Charnley Klasse
⊂⊃ A   ⊂⊃ BB   ⊂⊃ unknown/
⊂⊃ B   ⊂⊃ C   not documented

A = unilaterally diseased, opposite hip healthy; B = bilaterally diseased; BB =bilaterally diseased, opposite hip prosthesis; C = other condition(s) affecting walking

Diagnosis which lead to the revision
☐ loosening acetabular   ☐ pain
☐ loosening femoral   ☐ Girdlestone
☐ infection   ☐ spacer
☐ periprosthetic fracture AC   ☐ Ion blood level
☐ periprosthetic fracture FE   ☐ squeaking
☐ luxation   ☐ Metalosis
☐ implant failure   ☐ impingement
☐ wear   ☐ position/orientation of stem
☐ osteolysis AC   ☐ position/orientation of stem
☐ osteolysis FE   ☐ other diagnosis ....
☐ acetabular protrusion
☐ trochanter pathology

Implantation year if before 2012
(optional)
20.. ⊂11⊃ ⊂10⊃ ⊂09⊃ ⊂08⊃ ⊂07⊃ ⊂06⊃ ⊂05⊃ ⊂04⊃ ⊂03⊃ ⊂02⊃ ⊂01⊃ ⊂00⊃ **19..** ⊂99⊃ ⊂98⊃ ⊂97⊃ ⊂96⊃ ⊂95⊃ ⊂94⊃ ⊂93⊃ ⊂92⊃ ⊂91⊃ ⊂90⊃

Surgery

Surgery date
Day ⊂1⊃ ⊂2⊃ ⊂3⊃ ⊂4⊃ ⊂5⊃ ⊂6⊃ ⊂7⊃ ⊂8⊃ ⊂9⊃ ⊂10⊃ ⊂11⊃ ⊂12⊃ ⊂13⊃ ⊂14⊃ ⊂15⊃ ⊂16⊃ ⊂17⊃ ⊂18⊃ ⊂19⊃ ⊂20⊃ ⊂21⊃ ⊂22⊃ ⊂23⊃ ⊂24⊃ ⊂25⊃ ⊂26⊃ ⊂27⊃ ⊂28⊃ ⊂29⊃ ⊂30⊃ ⊂31⊃
Month ⊂1⊃ ⊂2⊃ ⊂3⊃ ⊂4⊃ ⊂5⊃ ⊂6⊃ ⊂7⊃ ⊂8⊃ ⊂9⊃ ⊂10⊃ ⊂11⊃ ⊂12⊃   **Year** ⊂15⊃ ⊂16⊃ ⊂17⊃ ⊂18⊃ ⊂19⊃ ⊂20⊃ ⊂21⊃ ⊂22⊃ ⊂23⊃ ⊂24⊃ ⊂25⊃ ⊂26⊃ ⊂27⊃

Morbidity state (ASA)
⊂⊃ASA1, no disturbances   ⊂⊃ASA3, severe   ⊂⊃ASA5, moribund
⊂⊃ASA2, mild/moderate   ⊂⊃ASA4, life-threatening   ⊂⊃unknown/ not documented

PROCEDURE

Intervention
⊂⊃ revision AC + FE
⊂⊃ revision AC
⊂⊃ revision AC + head
⊂⊃ revision FE
⊂⊃ revision FE + inlay
⊂⊃ revision head
⊂⊃ revision inlay
⊂⊃ revision head and inlay
⊂⊃ totalization of bipolar or FE head prosth.
⊂⊃ totalization of bipolar or femoral head
   prosthesis with stem exchange

⊂⊃ component removal, spacer implantation
⊂⊃ component reimplantation
   (after spacer or Girdlestone)
⊂⊃ Girdlestone
⊂⊃ osteosynthesis
⊂⊃ revision FE, inlay and
   osteosynthesis
⊂⊃ prosthesis preserving revision
⊂⊃ other intervention ....

Answers 'revision head', 'revision inlay', 'revision head and inlay', 'revision head', 'spacer implantation', 'Girdlestone', 'osteosynthesis', 'prosthesis preserving revision' and 'other intervention' in intervention excludes all cement questions.

Approach
⊂⊃ anterior
⊂⊃ anterolateral
⊂⊃ lateral
⊂⊃ posterior
⊂⊃ transfemoral
⊂⊃ other approach ....

Patient positioning
⊂⊃ supine normal
   table
⊂⊃ supine, extension
   table
⊂⊃ lateral
⊂⊃ other ....

Component fixation
⊂⊃ all cemented
⊂⊃ all uncemented
⊂⊃ hybrid (acetabulum uncemented, femur cemented)
⊂⊃ reverse hybrid (acetabulum cemented, femur uncemented)
⊂⊃ reinforcement ring, femur cemented
⊂⊃ reinforcement ring, femur uncemented
This answer excludes question "Cementing technique", but all other cement questions are required.

Additional interventions
☐ none
☐ bony acetabular roof plasty
☐ central osseous reconstruction
☐ trochanter osteotomy
☐ prox. femur osteotomy
☐ other ....

IMPLANT SPECIFICATION

Component registration
⊂⊃yes ⊂⊃no

Mark when Intervention indicates an implant.

CEMENT

Cementing technique
⊂⊃ 1st generation
⊂⊃ 2nd generation
⊂⊃ 3rd generation
All details regarding the cement will be collected in the subform cement.

Individual cement add-ons by surgeon
☐ no
☐ yes, contrast agent ....
☐ yes, antibiotics ....

Surgeon ....

Assistant *(optional)* ....

Abbreviations: AC = acetabular; FE = femoral

Comments / Implants used (supplier, product name, article number, lot number). Backside may also be used for barcode stickers.

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Inscription of components

Implant barcode stickers

Cement barcode stickers

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.

Implant tracking:
To have the possibility of an implant tracking across institutions, and to achieve the highest-possible accuracy when merging the anonymized data, multiple hashcodes (irreversible encryption) are generated. All sensitive data like patient, physician or clinic related information remain stored on a separate server in a protected environment. No sensitive data are transferred to the central server, only their neutralized unique keys. The social security number (national insurance number) is not saved. It is just used to generate a hashcode combined with a so called salt-appendix. This procedure makes it impossible to link the data with other external data collections.