

## Patient data

MRN internal

Last name

First name

Date of birth dd.mm.jjjj   male  female

## Admission

**1.1 Height**  cm

**1.2 Weight**  kg

**1.3 Morbidity (ASA)**

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

### 1.4 Dominant arm

right  left  ambidextrous

### 1.5 Status of contralateral shoulder

healthy  
 diseased or injured, not operated  
 operated without arthroplasty  
 operated with arthroplasty  
 revised arthroplasty  
 unknown not documented

## Primary Surgery: Diagnosis and previous surgeries

### 2.1 Main diagnosis (if several diagnoses apply, please choose one main diagnosis)

primary osteoarthritis Walch-Class  massive cuff tear without arthritis  
 cuff tear arthropathy (CTA) Hamada-Class  acute fracture (<21 days) Neer Class  chronic fracture  
 secondary osteoarthritis  dislocation/instability  
 post traumatic  osteonecrosis / avascular necrosis  
 instability arthropathy  rheumatoid arthritis  
 postoperative  tumour  
 postinfection

other main diagnosis

### 2.2 Associated diagnoses

none  massive cuff tear without arthritis  secondary osteoarthritis  dislocation/instability  
 primary osteoarthritis Walch-Class  acute fracture (<21 days) Neer Class  osteonecrosis / avascular necrosis  
 cuff tear arthropathy (CTA) Hamada-Class  chronic fracture  post traumatic  rheumatoid arthritis  
 postoperative  tumour  
 postinfection

other associated diagnoses

### 2.3 Number of previous surgeries

Only consider operations on the same joint (e.g. left shoulder)

none  
 1  2-3  >3  
 unknown / not documented

### 2.4 Type of previous surgeries

open debridement / arthroscopy  osteosynthesis proximal humerus  
 rotator cuff repair  open  arthroscopic  
 stabilization(s)  osteosynthesis glenoid  
 open  arthroscopic  
 hardware removal  
 open  arthroscopic

other previous surgery

## Surgery

### 4.1 Surgery date

dd.mm.jjjj

### 4.2 Surgery side

right  
 left

### 4.3 Responsible surgeon

If a resident performed the surgery, please select the responsible surgeon who assisted the surgery.

### 4.4 Teaching surgery

no  
 yes

### 4.5 Type of shoulder arthroplasty used

hemi arthroplasty  anatomical total arthroplasty  reverse total arthroplasty

#### Humerus (anatomical)

standard stem  
 short stem  
 stemless  
 resurfacing  
 long / revision stem  
 fracture stem  
 bipolar prosthesis with large head  
 custom-made

#### Glenoid (anatomical)

keeled  
 pegged  
 keeled augmented  
 pegged augmented  
 metalback  
 metalback augmented  
 custom-made

#### Humerus (reverse)

standard stem  
 short stem  
 stemless  
 long / revision stem  
 fracture stem  
 custom-made

#### Glenoid (reverse)

base plate  
 base plate augmented

#### Fixation Humerus

cemented  uncemented

#### Fixation Glenoid

cemented  uncemented

#### Bearing Humerus

PE  metal  ceramic

#### Bearing Glenoid

PE  metal

### 4.6 Approach

delto-pectoral  
 superolateral / transdeltoid / anterosuperior

### 4.7 Subscapularis detachment

not addressed  osteotomy lesser tuberosity  
 sparing  peel off  
 tenotomy

### 4.8 Subscapularis refixation

only if detachment is performed (in 4.7)  
 yes  
 no

### 4.9 Refixation tuberosity

yes, greater tuberosity  
 yes, lesser tuberosity  
 no

### 4.10 Additional interventions

none  reconstruction / bone augmentation  
 tendon transfer  humerus  allograft  autograft  
 latissimus a/o teres major transfer  glenoid  allograft  autograft  
 pectoralis transfer  hardware removal  humeral cerclage

other additional intervention(s)

### 4.11 Intraoperative complications

none  fracture  vascular injury  nerve injury  
 other intraoperative complications

### 4.12 Technical aids

none  image derived 3D planing without PSI  patient specific instruments (PSI)  
 navigation  augmented reality  
 robotic

### 4.13 Prophylaxis

none  antibiotics  thrombosis  tranexamic acid

only fill in for acute fracture

**Implant registration** Barcode labels, manufacturer, article designation, article number, serial number

**Cement registration** Barcode labels, manufacturer, article designation, article number