

Internal plate fixation with LCP 2.4 mm
for distal radius fracture and PHILOS for
proximal humerus fracture

Primary outcome measure

Documentation of bone/fracture and implant/surgery complications for
the distal radius and proximal humerus fracture groups

Secondary outcome measures

Distal radius

- Documentation of soft tissue/wound and systemic/general complications
- BMD measurement of contralateral wrist
- ROM measurement
- DASH questionnaire
- EuroQol 5 questionnaire
- Grip strength measurement*
- PRWE questionnaire*
- Bone volume (BV)/trabecular volume (TV) ratio*

Proximal humerus

- Documentation of soft tissue/wound and systemic/general complications
- BMD measurement of contralateral upper arm* and ipsilateral wrist
- ROM measurement
- DASH questionnaire
- EuroQol 5 questionnaire
- Constant-Murley functional assessment*
- SPADI questionnaire*

*Specific secondary outcome measurements for the respective fracture location