| CASE | AGE/SEX/SIDE | FOLLOW-UP PERIOD (YEARS) | FEATURES AT PRESENTATION | SURGERIES PRIOR TO BONE TRANSPORT | FEMORAL DEFECT LENGTH | INDEX SURGERY | ADDITIONAL SURGERIES | BONE/FUNCTIONAL OUTCOMES |
|------|--------------|--------------------------|--------------------------|----------------------------------|-----------------------|--------------|----------------------|-------------------------|
| 1    | 2/F/R        | 16                       | Pyomyositis, pathological fracture | External fixation (x3), Screws change (x2) | 6 cm                  | Sequestrectomy, Orthofix* rail, osteotomy | N/A | Excellent/excellent |
| 2    | 6/F/L        | 15                       | Pathological fracture, Septic arthritis ipsilateral hip and knee joints | External fixation, sequestrectomy + external fixation | 20 cm                  | Ring fixator + osteotomy | Change of wires (x3), change of external fixator (x1) | Good/poor |
| 3    | 13/M/R       | 14                       | Pathological Fracture, stiff knee, synovitis ipsilateral hip | External fixation | 14 cm | Sequestrectomy + Orthofix* rail + osteotomy | Screws change (x1), change of external fixator + screws change (x2) | Good/good |
| 4    | 4/M/L        | 13                       | Pathological fracture, stiff knee, femoral neck deformity | N/A | 13 cm | Sequestrectomy + Orthofix* rail + osteotomy (anchor on the leg) | Pull-out of the tibial ring (x1), screws change (x2) | Fair/excellent |
| 5    | 10/F/L       | 12                       | Pathological fracture, septic arthritis of the knee, ulcer in the thigh | Hip spica | 20 cm | Sequestrectomy + ring fixator + osteotomy (1 week later) | Change of wires + fibula graft to docking | Excellent/fair |
| No. | Age | Gender | Diagnosis | Procedure | Fracture Length | Type of Fixation | Additional Procedures | Outcome |
|-----|------|--------|-----------|------------|-----------------|------------------|-----------------------|---------|
| 6   | 8/F/L| 11     | Stiff knee, hypermetric limb | Sequestrectomy, external fixation for post-surgical fracture | 7 cm | Sequestrectomy + Orthofix® rail + osteotomy | Sequestrectomy (x1), pull-out of 1 screw (x1) | Excellent/fair |
| 7   | 4/F/R| 10     | Limb shortening | Sequestrectomy | 5 cm | Sequestrectomy + ring fixator + osteotomy | N/A | Good/excellent |
| 8   | 11/F/L| 10    | Pathological fracture, stiff knee | External fixation, screws change (x1) | 12 cm | Sequestrectomy + ring fixator + osteotomy | N/A | Fair/good |
| 9   | 8/F/L| 10     | Pathological fracture, stiff knee | Sequestrectomy + external fixation, sequestrectomy (x2) | 6 cm | Ring fixator + osteotomy, pull-out of the tibial ring (x1) | Pull-out of the tibial ring (x1) | Good/good |
| 10  | 12/M/R| 11    | Pathological fracture, stiff knee | External fixation, sequestrectomy + external fixation (x2), screws change (x1) | 6 cm | Sequestrectomy + Orthofix® rail + osteotomy | Screws change (x3) | Good/good |
| 11  | 6/M/R| 12     | Pathological fracture, stiff knee, deformity of the ipsilateral hip-neck | Sequestrectomy + external fixation | 13 cm | Orthofix® rail + osteotomy | Screws change (x3), change of external fixator (x1), pull-out of 1 screw (x1) | Fair/fair |
Sequestrectomy (x1)

Supplemental Table 1: Individual case demographic details, surgical procedures and their respective bone and functional outcomes at final follow-up. * Orthofix Limb Reconstruction System, Orthofix Med.Inc., Texas, USA.