

Table S1. Adverse events in the included studies.

Authors year	Surgery management not involving the acetabular cup	Conservative management
Haenle M. et al. 2013	2 open reductions for dislocations 1 revision of head and liner 1 resuturing of gluteus medius for gluteal insufficiency	No
Whitehouse M.R. et al. 2013	2 internal fixations for femoral periprosthetic fractures 2 strut graftings of the femur 1 stem revision for aseptic loosening 1 stem revision for fracture 1 liner revision and abductor repair for recurrent dislocation 1 liner revision 1 radical debridement for infection	1 close reduction for dislocation
Whitehouse M.R. et al. 2013	2 debridement for early infection 2 strut graftings of the femur 1 stem revision for aseptic loosening	1 close reduction for dislocation 1 examination under anesthetic to assess subluxation 1 stem revision for aseptic loosening
Schwartz C. et al. 2015	No	Crutch or walking stick remained necessary in 5 of the cases
Hayashi S. et al. 2017	NR	NR
Abdelazim H. et al. 2020	1 debridement and exchange of the modular prosthesis head for early infection	5 persistent pain revolved after a mean of 4m
Gagala J. et al. 2021	1 internal fixation for femoral periprosthes fracture 1 reoperation for metal cable broken for the osteotomy	1 close reduction for early dislocation
Comba L.C. et al. 2022	No	1 early infection treat with antibiotics

m, months; NR, not reported.