THR recorded in SHAR 1999–2017 Primary THR = 334,909 Reoperations = 16,693

Excluded (n = ??):

- primary THR for acute fracture, ??
- primary THR for tumors, ??
- primary THR prior to 1999 ??
- second of bilateral primary THR ??

Excluded due to erroneous data (n = 4):

- death prior to primary THR, 1
- reoperation prior to primary THR, 2
- death prior to reoperation, 1

First reoperations studied n = 7,368 Second reoperations n = 1,461