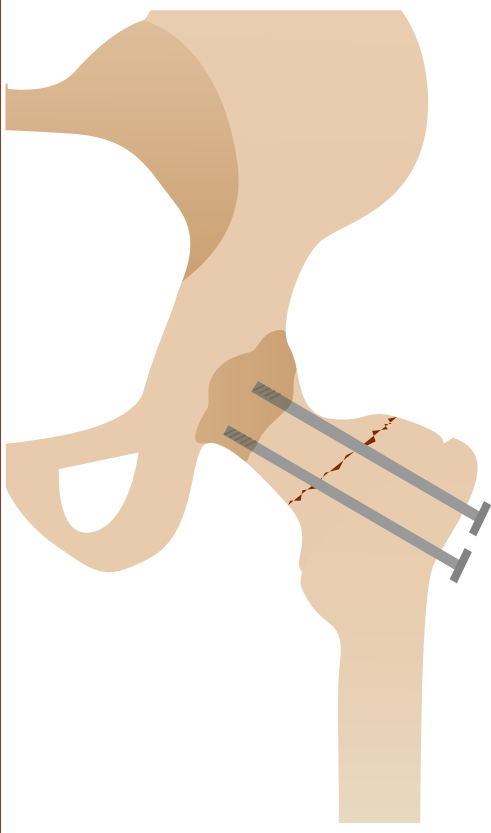
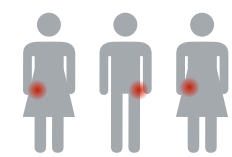


Does Implant Position Increase Reoperation Rates for Femoral Neck Fracture?



Up to **40%** of patients require reoperation following osteosynthesis of femoral neck fractures

Study evaluated the impact of parallel implant position on the risk of reoperation in **1,206 surgeries** registered in the Danish Fracture Database



Patient median age: **73 years**
(range: 21–102 years)

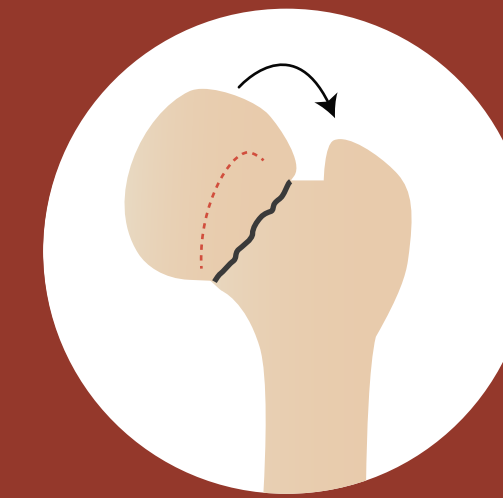
69%
Female patients

Overall 1-year reoperation rate: **13%**

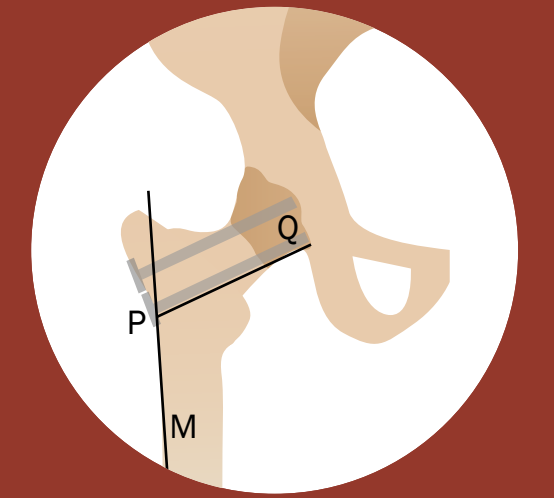
Reoperation risk increased with:



Initial fracture displacement



Insufficient reduction



Varus implant position

Neither the number of implants used nor the tip-cartilage distance, the calcar distance, or the posterior distance were associated with risk of reoperation



Clinicians should focus on proper patient selection and careful fracture reduction to reduce reoperation rates

Osteosynthesis with Parallel Implants in the Treatment of Femoral Neck Fractures: Minimal Effect of Implant Position on Risk of Reoperation

Nyholm et al. (2018) DOI: 10.2106/JBJS.18.00270

www.jbjs.org | theJBJS | @JBJS

