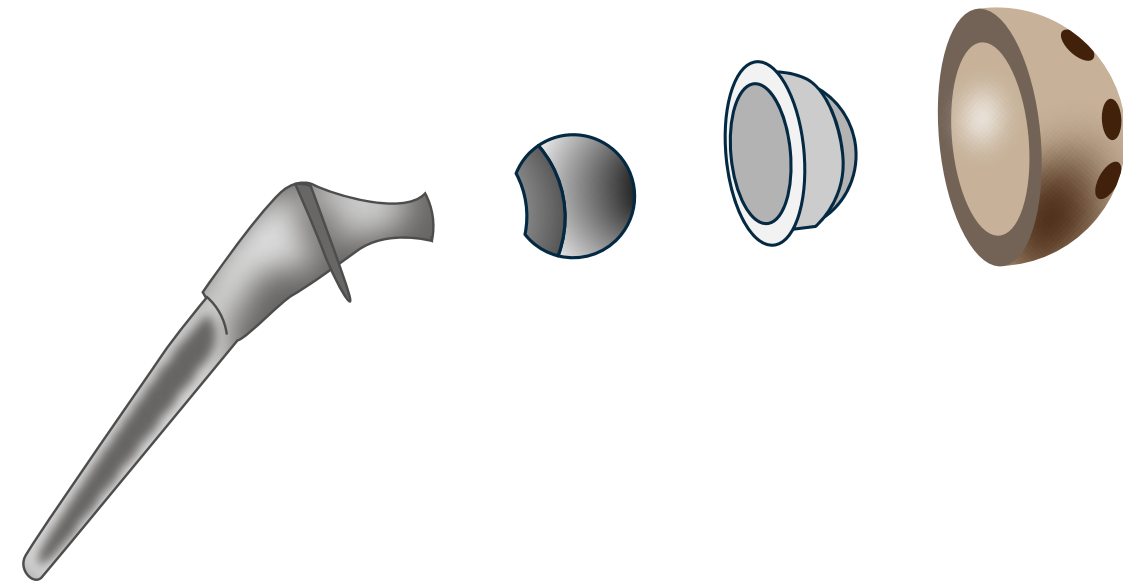


Is Polyethylene Liner and Femoral Head Exchange for Osteolysis Beneficial?

Polyethylene (PE) liner and Femoral head (FH) exchange is used to treat periprosthetic osteolysis after total hip arthroplasty (THA)



Long-term benefits and risk factors of PE liner and FH exchange were evaluated in 110 patients

Mean follow-up



11 years (range, 2 to 23 years)

Outcomes



Pain



Clinical improvement

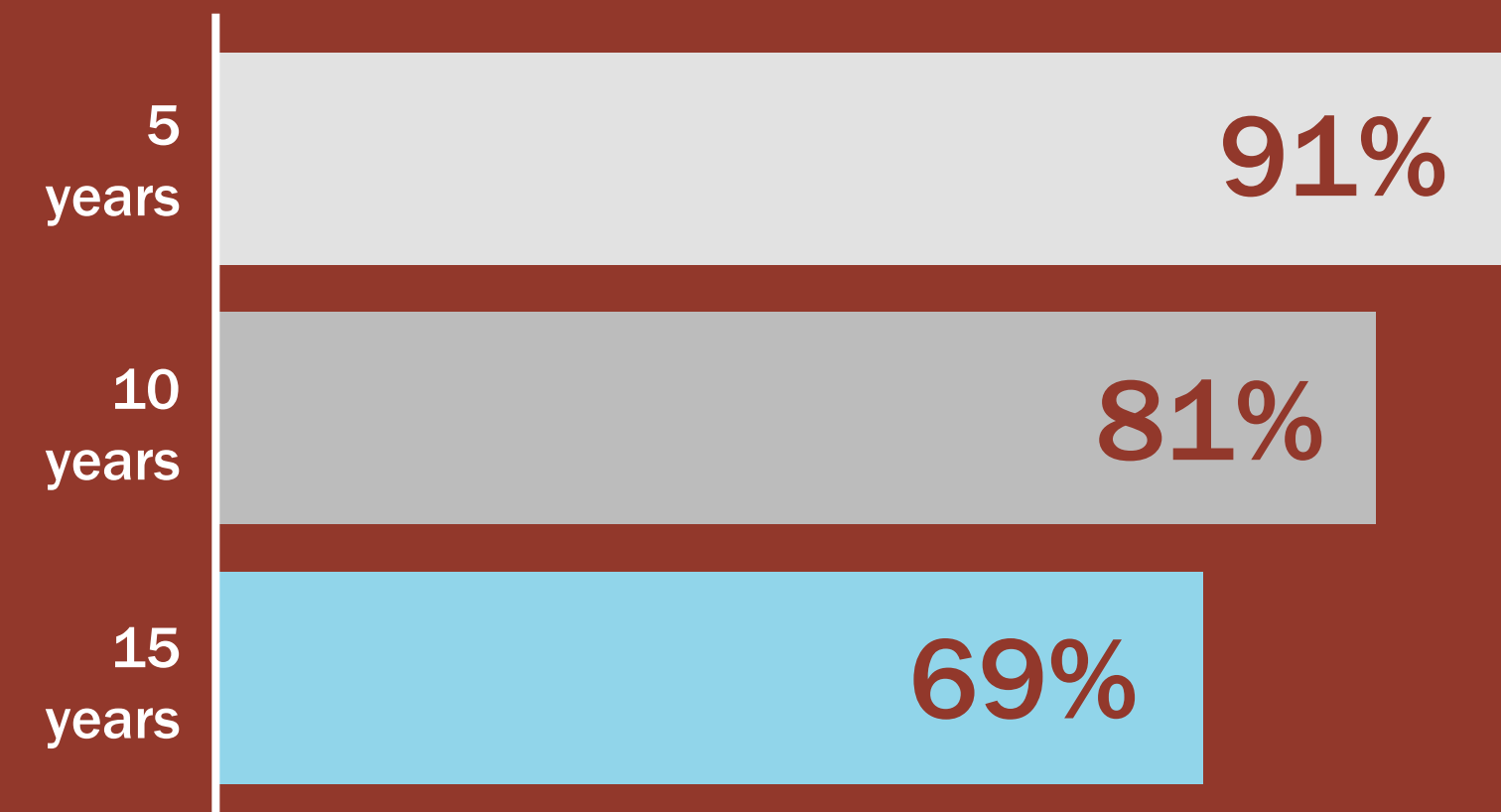


Revisions



Complications

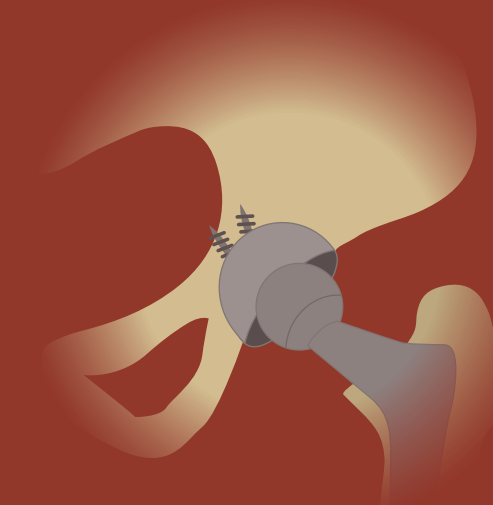
Long-term implant survivorship free of repeat revision



Reasons for repeat revisions included

4%

Aseptic acetabular loosening



4%

Wear of conventional PE

Use of highly cross-linked PE protected against osteolysis



PE liner and FH exchange provides good clinical outcomes with mid to long-term benefits in patients after THA

Polyethylene Liner and Femoral Head Exchange in Total Hip Arthroplasty:
Factors Associated with Long-Term Success and Failure
Petis et al. (2019) DOI: 10.2106/JBJS.18.00522

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