

# Summary of research proposal LROI



## **Title:**

Outcome after re-revision of metal-on-metal hip arthroplasties - a Dutch Arthroplasty Registry study

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## **Abstract:**

Metal-on-metal hip resurfacing and large head (>36mm) metal-on-metal arthroplasties have experienced high short-term failure rates, as shown by multiple studies and national registry data. Subsequently, high number of subjects are involved and received or will receive revision surgery. Frequently, pseudotumour formation is the reason for revision. The potentially devastating character of pseudotumours might influence the outcome of revision. This study will focus on the re-revision rate, the reason for re-revision, and mortality rate up to 5 years follow-up. We suspect that re-revision of a metal-on-metal hip arthroplasty depends on the reason for revision, type of revision (acetabular, femoral, both) and bearing of the revision prosthesis. The metal-on-metal re-revision group will be compared with a non-metal-on-metal re-revision group.

## **Approval date:**

September 2018