

# Summary of research proposal LROI



## **Title:**

Success or failure after Debridement Antibiotics and Implant Retention (DAIR) for the treatment of early acute infections after primary total knee and hip arthroplasty

## **Authors:**

J. van Oldenrijk, B van der Ende, P.K. Bos, P. Croughs, M. Reijman, J.A.N. Verhaar

## **Abstract:**

We aim to perform a survival analysis of patients who underwent a Debridement Antibiotics and Implant Retention (DAIR) for acute early periprosthetic joint infection (PJI) within 3 months after a Total Knee Arthroplasty (TKA) or a Total Hip Arthroplasty (THA). We want to investigate how possible risk factors such as time after primary arthroplasty, number of sequential DAIR's and patient characteristics can determine implant failure (total revision, implant extraction) after DAIR procedure.

## **Approval date:**

October 2018