# Summary of research proposal LROI



### Title:

What makes a best performing hospital in hip and knee replacement? Quality improvement using joint registry data.

## **Project members:**

R.G.H.H. Nelissen, P.J. Marang- van de Mheen, L. van Bodegom-Vos, S.N. Hofstede, J.A.N. Verhaar, T. Gosens, C.C.P.M. Verheyen, S.H.M. Verdegaal

#### Abstract:

Patient outcomes after hip or knee replacement may vary between hospitals. Part of this variation is due to some hospitals treating more complex patients, but part cannot be explained and may be due to the quality care delivered to these patients. Therefore hospitals can use information on whether the outcomes in their patients are better or worse than in other hospitals to improve their care. The present study will gain information on how much variation there is between Dutch hospitals, which factors may explain this and test a strategy to use this information to improve patient outcomes.

### **Approval date**

December 2017