

## Summary of research proposal LROI



### **Title:**

Revision Total Elbow Arthroplasty in the Netherlands; where, why, and how?

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### **Abstract:**

Revision of elbow arthroplasty is an uncommon procedure. As a result, there are few orthopaedic surgeons with extensive experience in revising to total elbow arthroplasty (TEA), which can be challenging. Previous studies have found high rates of secondary revision after a first revision of TEA. A previous study from the National Registry (Landelijke Registratie Orthopedische Interventies; LROI) also revealed that revisions are performed at many different centres. There may be a benefit in concentrating revision TEA in fewer centres with high expertise, as is shown in primary TEA. In light of the increasing interest in centralising expertise and the upcoming reorganisation of orthopaedic care, it is crucial to have an overview of current practice of revision TEA. Currently, the available literature on revision TEA is limited. Therefore, the aim of this study is to use data from the National Registry to report the current practice of revision TEA in the Netherlands; which centres perform revision TEA, what are the indications, which components are revised, and what techniques are used?

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