

Summary of research proposal LROI



Title:

Epidemiology of primary and revision hip and knee arthroplasty in the Netherlands: A study using the Dutch orthopedic registry

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Abstract:

In the present study, we will provide, for the first time for the Netherlands, rates of primary and revision knee and hip arthroplasties in relation to the population. By combining the LROI-dataset from 2010 to 2021, with the age, sex and region-specific population size, we will be able to provide internationally comparable rates for different procedures. In addition, this data allows for comparison over time, and the effect of the COVID-pandemic. Compared to analyzing the crude numbers itself, this data assesses in more detail, whether changes in number of procedures may relate to increases in population size, changing demographics of the population, or increases in the procedures themselves.

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