

# Summary of research proposal LROI



**Title:**

Revision of Medial Unicompartmental Knee Arthroplasty to Total Knee Arthroplasty

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**Abstract:**

There are several advantages of UKA over TKA, including the potential for bone sparing which theoretically allows for less complicated revisions later on. However, several studies demonstrate the need for structural graft, augments, and/or stems in a substantial number of cases that undergo revision from UKA to TKA. However, modifications of the implant and the implantation process leads to more bone preservation, and thereby potentially reduces the need for complex revision.

This study therefore aims to assess the revision rate of medial UKA to TKA and evaluates whether a primary or revision type TKA is used. In case a primary implant is used, bearing thickness will be analysed as indirect measure of bone loss. In addition, we will study the difference in revision rate of medial UKA to TKA (and whether primary or revision type TKA was used) between the Oxford phase III medial UKA, and the Oxford Microplasty medial UKA.

**Approval date:**

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