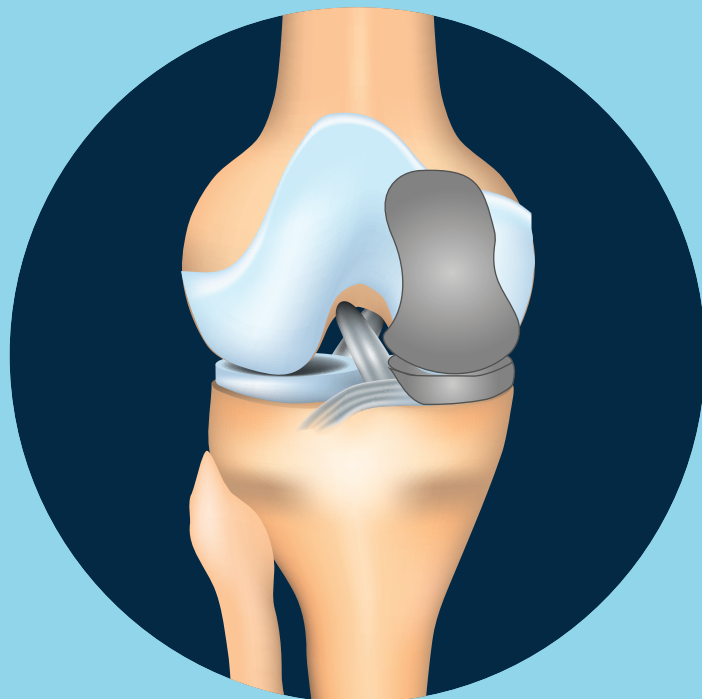


Cemented Versus Uncemented Oxford-III Unicompartmental Knee Replacements for Isolated Medial Compartment Osteoarthritis

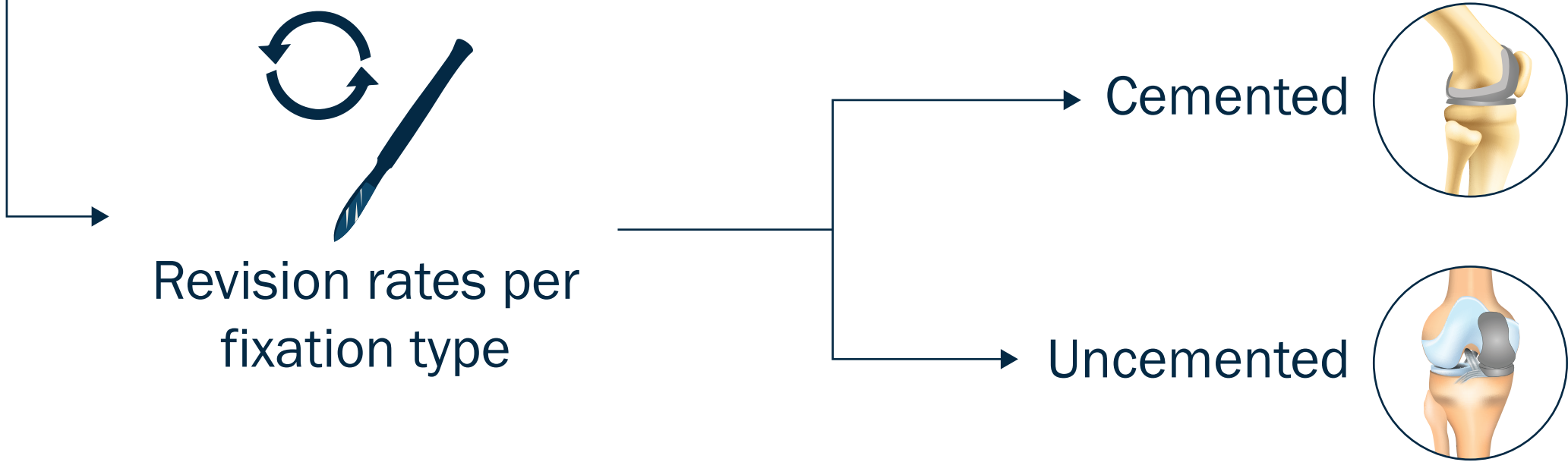
Oxford-III unicompartmental knee replacements (UKRs) are commonly used to treat isolated medial compartment osteoarthritis (OA)



However, the best mode of implant fixation remains debated



Retrospective analysis using 19-year data on all Oxford-III UKRs completed for isolated medial compartment OA from the New Zealand Joint Registry



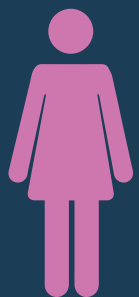
Cemented



Independent of other factors

Revision risk

↑ >1.8-fold



<65 years

↑ 2.9-fold



55–74 years

↑ 1.7-fold



Type of fixation is an independent risk factor for Oxford-III UKRs. Uncemented fixation results in superior outcomes based on patient age and sex

Revision Following Cemented and Uncemented Oxford-III Primary Medial Unicompartmental Knee Replacements: A 19-Year Analysis from the New Zealand Joint Registry

Gupta et al. (2020) | 10.2106/JBJS.19.01443

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