

Appendix A. Literature search strategy.**Pubmed:** 421 papers

("Arthroplasty, Replacement, Knee"[MeSH] OR "Knee Prosthesis"[MeSH] OR knee arthroplast*[tiab] OR knee replacement*[tiab] OR Knee Prothes*[tiab])

AND

("sport participation"[MeSH] OR "Athletes"[MeSH] OR sport*[ti] OR physical*[ti] OR fitness[ti] OR athlet*[ti] OR activity[ti] or exercise*[ti])

Filters: Full text, Publication date from 2000/01/01, Humans

EMBASE: 250 papers

('knee replacement':ti,ab,kw OR 'knee prosthesis':ti,ab,kw OR 'knee arthroplasty':ti,ab,kw) AND ('sport':ti OR 'exercise':ti OR 'physical*':ti OR 'fitness':ti OR 'athlet*':ti OR 'active':ti OR 'activity':ti) AND [humans]/lim NOT [medline]/lim AND [2000-2019]/py

SPORTDiscus: 196 papers

(AB (knee replacement OR knee prosthesis OR knee arthroplasty) OR TI (knee replacement OR knee prosthesis OR knee arthroplasty)) AND TI (sport OR physical* OR fitness OR athlet* OR activity OR exercis*)

Limit: published after 01-01-2000