

S1 Appendix: Search strategy in the applied databases

PubMed:

((cost-benefit analysis[MeSH Terms]) OR ((((((((((economic evaluation) OR health economic) OR economic* AND analysis) OR cost effect*) OR cost-effect*) OR cost-benefit*) OR cost-utilit*) OR cost utilit*) OR cost consequence* AND analysis) OR cost-consequence* AND analysis) OR cost minimization analysis) OR cost-minimization analysis) OR economic* AND aspect*) OR health care cost*) OR cost analysis))) AND (((((patella) OR knee) OR knee joint)) AND ((Pain) OR Arthralgia))) OR (((patellofemoral pain syndrome) OR ("knee pain"[All Fields] OR "knee ache"[All Fields] OR "knee injury"[All Fields] OR "anterior cruciate ligament"[MeSH Terms] OR "anterior cruciate ligament injury"[All Fields] OR "knee fracture"[All Fields] OR "menisci, tibial"[MeSH Terms] OR "medial meniscus"[All Fields] OR "lateral meniscus injury"[All Fields])))))

Embase:

- #3 #1 AND #2
- #2 'knee pain'/de OR 'knee injury' OR arthralgia OR 'anterior cruciate ligament' OR 'anterior cruciate ligament injury' OR 'knee meniscus' OR 'knee meniscus rupture'
- #1 'economic evaluation'/de OR 'cost effectiveness analysis':lnk OR 'cost utility analysis' OR 'cost benefit analysis' OR 'health economics' OR 'economic aspect' OR 'cost consequence analysis' OR 'cost minimization analysis' OR 'health care cost'

NHS EED:

Search results [16 hits] **Selected records [0 hits]**

The screenshot shows the search interface for the NHS Economic Evaluation Database (EED). The search query consists of two main terms: 'knee pain' and 'economic evaluation'. These terms are combined using the logical operators 'AND' and 'OR'. The search is set to search across 'Any field'. There are also fields for 'Author', 'Record date', and 'Publication year', though they are currently empty. The overall search strategy is: (knee pain AND economic evaluation) OR (knee pain AND (economic evaluation OR author))

Any field	knee pain	AND
Any field	economic evaluation	OR
Author		
Record date		
Publication year		

Cochrane:

#1	MeSH descriptor: [Knee] explode all trees
#2	knee pain
#3	patellofemoral pain syndrome
#4	anterior cruciate ligament injury
#5	knee fracture
#6	meniscus tibial
#7	#1 or #2 or #3 or #4 or #5 or #6
#8	MeSH descriptor: [Cost-Benefit Analysis] explode all trees
#9	economic evaluation
#10	cost-effectiveness analysis
#11	cost-utility analysis
#12	cost-minimization analysis
#13	cost-consequence analysis
#14	cost analysis
#15	#8 or #9 or #10 or #11 or #12 or #13 or #14
#16	#7 and #15