

Appendix 1

Databases searched:

OID MEDLINE®: 1946 TO NOVEMBER WEEK 4 2021

Date of search: 30/11/21

Date range searched: January 2000 to November 2021

SEARCH STRATEGY

1. anterior cruciate ligament.mp. or exp Anterior Cruciate Ligament/
2. exp Anterior Cruciate Ligament/ or exp Anterior Cruciate Ligament Injuries/ or acl.mp.
3. 1 or 2
4. reconstruction.mp. or exp Anterior Cruciate Ligament Reconstruction/
5. 3 and 4
6. extra articular.mp.
7. lemaire.mp.
8. anterolateral.mp.
9. anterior oblique band.mp.
10. lateral tenodesis.mp. or exp Tenodesis/
11. iliotibial band.mp.
12. 6 or 7 or 8 or 9 or 10 or 11
13. 5 and 12
14. **limit** 13 to humans
15. **limit** 13 to english language
16. **limit** 13 to last 21 years

EMBASE: 1974 TO 2021 NOVEMBER 30

Date of search: 30/11/21

Date range searched: January 2000 to November 2021

SEARCH STRATEGY

1. Anterior Cruciate Ligament.mp. or exp anterior cruciate ligament/
2. exp anterior cruciate ligament rupture/ or exp anterior cruciate ligament injury/ or acl.mp.
3. 1 or 2
4. exp anterior cruciate ligament reconstruction/ or reconstruction.mp.
5. extra articular.mp.
6. lemaire.mp.
7. anterolateral.mp.
8. anterior oblique band.mp.
9. exp tenodesis/ lateral tenodesis.mp.
10. iliotibial band.mp.
11. 3 and 4
12. 5 or 6 or 7 or 8 or 9 or 10
13. 11 and 12
14. **limit** 13 to (human and english language and last 21 years)

COCHRANE LIBRARY: 1946 TO NOVEMBER 2021

Date of search: 30/11/21

Date range searched: January 2000 to November 2021

SEARCH STRATEGY

#1 MeSH descriptor: [Anterior Cruciate Ligament Injuries] explode all trees

#2 MeSH descriptor: [Anterior Cruciate Ligament] explode all trees

#3 ("acl"):ti,ab,kw

#4 #1 OR #2 OR #3

#5 MeSH descriptor: [Anterior Cruciate Ligament Reconstruction] explode all trees

#6 ("reconstruction"):ti,ab,kw

#7 #5 OR #6

#8 #4 AND #7

#9 ("extra articular"):ti,ab,kw

#10 ("lemaire") :ti,ab,kw

#11 ("anterolateral") :ti,ab,kw

#12 ("anterior oblique band") :ti,ab,kw

#13 ("lateral tenodesis") :ti,ab,kw

#14 MeSH descriptor: [Tenodesis] explode all trees

#15 #13 OR #14

#16 ("iliotibial band") :ti,ab,kw

#17 #9 OR #10 OR #11 OR #12 OR #15 OR #16

#18 #8 AND #17

CLINICAL TRIAL.GOV: 1900 TO 2021

Date of search: 30/11/21

Date range searched: 2008 to 2021

SEARCH STRATEGY

#1 Anterior cruciate ligament

Appendix 2

Questions listed in CASP checklist for cohort studies

1. Did the study address a clearly focused research question?
2. Was the assignment of participants to interventions randomised?
3. Were all participants who entered the study accounted for at its conclusion?
4.
 - a. Were the participants 'blind' to intervention they were given?
 - b. Were the investigators 'blind' to the intervention they were giving to participants?
 - c. Were the people assessing/analysing outcome/s 'blinded'?
5. Were the study groups similar at the start of the randomised controlled trial?
6. Apart from the experimental intervention, did each study group receive the same level of care (that is, were they treated equally)?
7. Were the effects of intervention reported comprehensively?
8. Was the precision of the estimate of the intervention or treatment effect reported?
9. Do the benefits of the experimental intervention outweigh the harms and costs?
10. Can the results be applied to your local population/in your context?
11. Would the experimental intervention provide greater value to the people in your care than any of the existing interventions?

Questions listed in CASP checklist for cohort studies

1. Did the study address a clearly focused issue?
2. Was the cohort recruited in an acceptable way?
3. Was the exposure accurately measured to minimise bias?
4. Was the outcome accurately measured to minimise bias?
5.
 - a. Have the authors identified all important confounding factors?

- b. Have they taken account of the confounding factors in the design and/or analysis?
6.
 - a. Was the follow up of subjects complete enough?
 - b. Was the follow up of subjects long enough?
7. What are the results of this study?
8. How precise are the results?
9. Do you believe the results?
10. Can the results be applied to the local population?
11. Do the results of this study fit with other available evidence?
12. What are the implications of this study for practice?

Questions listed in CASP checklist for case control studies

1. Did the study address a clearly focused issue?
2. Did the authors use an appropriate method to answer their question?
3. Were the cases recruited in an acceptable way?
4. Were the controls selected in an acceptable way?
5. Was the exposure accurately measured to minimise bias?
6.
 - a. Aside from the experimental intervention, were the groups treated equally?
 - b. Have the authors taken account of the potential confounding factors in the design and/or in their analysis?
7. How large was the treatment effect?
8. How precise was the estimate of the treatment effect?
9. Do you believe the results?
10. Can the results be applied to the local population?
11. Do the results of this study fit with other available evidence?