

Appendix 1**EMBASE**

1. 'rowing'/exp
2. (Rowing OR rower* OR sculling):ti,ab
3. #1 OR #2
4. 'low back pain'/exp
5. (low* NEAR/3 ('back pain*' OR 'back ache*' OR backache* or 'back injur*')):ti,ab
6. ((Lumbal OR lumbar OR lumbosacral OR lumbosacroiliac) NEAR/2 (pain* OR ache* OR syndrome OR strain* OR injur*)):ti,ab
7. (Lumbago OR lumbodinia OR lumbalgnesia OR lumbalgia):ti,ab
8. #4 OR #5 OR #6 OR #7
9. #3 AND #8

OVID (Medline)

1. (Rowing OR rower* OR sculling).ti,ab.
2. Low Back Pain/
3. (low* adj3 (back pain* OR back ache* OR backache* OR back injur*)):ti,ab.
4. ((Lumbal OR lumbar OR lumbosacral OR lumbosacroiliac) adj2 (pain* OR ache* OR syndrome OR strain* OR injur*)):ti,ab.
5. (Lumbago OR lumbodinia OR lumbalgnesia OR lumbalgia).ti,ab.
6. or/2-5
7. and/1,6

CINAHL

1. (MH "Rowing")
2. TI(Rowing OR rower* OR sculling) OR AB(Rowing OR rower* OR sculling)
3. S1 OR S2
4. (MH "Low Back Pain")
5. TI(low* N3 ("back pain*" OR "back ache*" OR "backache*" OR "back injur*")) OR AB(low* N3 ("back pain*" OR "back ache*" OR "backache*" OR "back injur*"))
6. TI((Lumbal OR lumbar OR lumbosacral OR lumbosacroiliac) N2 (pain* OR ache* OR syndrome OR strain* OR injur*)) OR AB((Lumbal OR lumbar OR lumbosacral OR lumbosacroiliac) N2 (pain* OR ache* OR syndrome OR strain* OR injur*))
7. TI(Lumbago OR lumbodinia OR lumbalgnesia OR lumbalgia) OR AB(Lumbago OR lumbodinia OR lumbalgnesia OR lumbalgia)
8. S4 OR S5 OR S6 OR S7
9. S3 AND S8

Web of Science

TS=((Rowing OR rower* OR sculling) AND ((low* NEAR/3 ("back pain*" OR "back ache*" OR "backache*" OR "back injur*")) OR ((Lumbal OR lumbar OR lumbosacral OR lumbosacroiliac) NEAR/2 (pain* OR ache* OR syndrome OR strain* OR injur*)) OR (Lumbago OR lumbodinia OR lumbalgnesia OR lumbalgia)))

SCOPUS

TITLE-ABS((Rowing OR rower* OR sculling) AND ((low* W/3 ("back pain*" OR "back ache*" OR "backache*" OR "back inju*")) OR ((Lumbal OR lumbar OR lumbosacral OR lumbosacroiliac) W/2 (pain* OR ache* OR syndrome OR strain* OR injur*)) OR (Lumbago OR lumbodinia OR lumbalgnesia OR lumbalgia)))