

Supplementary Table S2. Full Search Strategies

PubMed

```
("acromioclavicular"[tiab] OR "coracoclavicular"[tiab] OR "AC joint"[tiab] OR  
"acromioclavicular joint"[MeSH])  
AND  
("endobutton"[tiab] OR "tightrope"[tiab] OR "tight rope"[tiab] OR  
"suture button"[tiab] OR "suspension fixation"[tiab] OR  
"cortical button"[tiab] OR "dog bone"[tiab] OR "flip button"[tiab] OR  
"suture-button"[tiab] OR "double-button"[tiab] OR "triple-button"[tiab])  
AND  
("randomized controlled trial"[pt] OR "clinical trial"[pt] OR  
"cohort"[tiab] OR "case series"[tiab] OR "retrospective"[tiab] OR  
"prospective"[tiab] OR "comparative"[tiab])
```

Embase (via embase.com)

```
('acromioclavicular':ti,ab OR 'coracoclavicular':ti,ab OR 'ac joint':ti,ab OR  
'acromioclavicular dislocation'/exp)  
AND  
('endobutton':ti,ab OR 'tightrope':ti,ab OR 'tight rope':ti,ab OR  
'suture button':ti,ab OR 'suspension fixation':ti,ab OR  
'cortical button':ti,ab OR 'dog bone':ti,ab OR 'flip button':ti,ab OR  
'double button':ti,ab OR 'triple button':ti,ab)  
AND  
('randomized controlled trial'/exp OR 'clinical trial'/exp OR  
'cohort analysis'/exp OR 'case series':ti,ab OR 'retrospective':ti,ab OR  
'prospective':ti,ab)
```

Cochrane CENTRAL

```
(acromioclavicular OR coracoclavicular OR "AC joint" OR  
MeSH descriptor: [Acromioclavicular Joint])  
AND  
(endobutton OR tightrope OR "tight rope" OR "suture button" OR  
"suspension fixation" OR "cortical button" OR "dog bone" OR  
"flip button" OR "double button" OR "triple button")
```

Web of Science (SCIE)

```
TS=(acromioclavicular OR coracoclavicular OR "AC joint")  
AND  
TS=(endobutton OR tightrope OR "tight rope" OR "suture button" OR  
"suspension fixation" OR "cortical button" OR "dog bone" OR  
"flip button" OR "double-button" OR "triple-button")
```

AND

TS=(randomized OR clinical OR cohort OR "case series" OR retrospective
OR prospective)

All databases searched from inception to June 2026. No language restrictions applied.