



## Supplementary Material

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### Search methodology

- Timeframe: 2006 to 2021
- Exclusion criteria: paediatrics (< 16 years of age), revision operations, infected cases, review articles
- Search criteria applied to search engines:
  - ✓ Pubmed:
    - Search terms: Midshaft clavicle fracture AND Fixation OR non-operative
    - Text availability: abstract, free full text, full text.
    - Article type: clinical trial, comparative study, meta-analysis, randomized clinical trials, systematic review.
    - Initial number: 342
    - Number of relevant articles after initial survey: 54
    - Final number of papers considered from this database: 13
  - ✓ OVID (Embase + Midline (R) ALL):
    - Via Advanced search:
      - Search terms:  
Midshaft clavicle fracture OR Mid-shaft clavicle fracture OR Mid shaft clavicle fracture OR Midshaft Clavicular fracture OR Mid-shaft clavicular fracture OR Mid shaft clavicular fracture  
  
AND  
  
Fixation OR Surgical OR Operative OR Plating  
  
AND  
  
Nonoperative OR Non-operative OR conservative
      - Initial number: 201

- Number of relevant articles after initial survey: 84
- Via basic search:
  - Search terms: Midshaft clavicle fracture AND Fixation OR non-operative
  - Filtered by relevancy: 4 or more stars
  - Initial number 114
  - Number of relevant articles after initial survey: 34
- Final number of papers considered from this database: 25
- ✓ Google Scholar:
  - Search terms: Midshaft clavicle fracture AND Fixation OR non-operative
  - Custom range: 2006 to 2021
  - Article type: Review article
  - Initial number: 1,080
  - Number of relevant articles after initial survey: 71
  - Final number of papers included from this database: 4
- ✓ Records identified through other sources:
  - Number of relevant articles: 4
- Final number of relevant articles identified after initial survey:  $54 + 84 + 34 + 71 + 4 = 247$ .