|  |  |
| --- | --- |
| Medline and Embase  | (fracture fixation/ or fracture\*.ti,ab,kw. or Lower Extremity/ or femoral Fractures/ or Tibial Fractures/ or Patella/ or Ankle Fractures/ or Fibula/ or Foot Bones/ or Talus/ or fixation.ti,ab,kw. or plat\*.ti,ab,kw. or calcan\*.ti,ab,kw. or nail.ti,ab,kw. or ORIF.ti,ab,kw) **AND** (tourniquets/ or Esmarch.ti,ab,kw. or Lofquist.ti,ab,kw. or cuff.ti,ab,kw.) **AND** (randomi?e\*.ti,ab,kw. or trial.ti,ab,kw. or randomi?ed controlled trial.pt.)  |
| The Cochrane Library | (MeSH descriptor: [Fracture Fixation] explode all trees OR(fracture\*):ti,ab,kw OR MeSH descriptor: [Lower Extremity] explode all trees OR MeSH descriptor: [Femoral Fractures] explode all trees ORMeSH descriptor: [Tibial Fractures] explode all trees OR MeSH descriptor: [Patella] explode all trees OR MeSH descriptor: [Ankle Fractures] explode all trees OR MeSH descriptor: [Fibula] explode all trees OR MeSH descriptor: [Foot Bones] explode all trees OR MeSH descriptor: [Talus] explode all trees OR (plat\*):ti,ab,kw OR (calcan\*):ti,ab,kw OR (fixation):ti,ab,kw OR (nail):ti,ab,kw OR (ORIF):ti,ab,kw)**AND**(MeSH descriptor: [Tourniquets] explode all trees OR (Esmarch):ti,ab,kw OR (Lofquist):ti,ab,kw OR (cuff):ti,ab,kw)**AND**((randomi?e\*):ti,ab,kw OR (trial):ti,ab,kw OR ("randomi?ed controlled trial"):pt) |
| Web of Science | TS=(fracture\* near/5 (femur or femoral or tibia\* or patella\* or ankle or fibula\* or tal\* or calcan\* or foot or feet))**OR**TS=(fixation)**OR**TS=(nail\*)**OR**TS=(ORIF)**AND**TS=(tourniquets or esmarch or lofquist or cuff)**AND**TS=(randomi?e\* or trial) |
| Literatura Latino Americana em Ciências da Saúde (LILACS) | (MH:"Fracture Fixation" OR fracture$ OR MH:"Lower Extremity" OR MH:"Femoral Fractures" OR MH:"Tibial Fractures" OR MH:"Patella" OR MH:"Ankle Fractures" OR MH:"Talus" OR MH:"Fibula" OR MH:"Foot bones" OR "fixation" OR plat$ OR calcan$ OR nail$ OR "ORIF") **AND** (MH:"Tourniquets" OR "esmarch" OR "lofquist" OR "cuff") **AND** (random$ OR "trial") |
| African Journals Online (AJOL) | tourniquet fracture |

Supplementary Table 1: Medical subject headings and free words used in the literature search across the six databases.