

Annex 1. MEDLINE Search strategy

Search #1

- 1 thumb*.tw,kw. (13971)
- 2 pollex.tw,kw. (48)
- 3 Thumb/ (8064)
- 4 (carpal* or metacarp* or trapezio-metacarpal or trapeziometacarpal or trapezial-metacarpal or trapezialmetacarpal or (basal adj2 thumb) or (basilar adj2 thumb) or (thumb adj2 base)).tw,kw. (23424)
- 5 Carpal Bones/ or Trapezium Bone/ (5256)
- 6 trapezium.tw,kw. (791)
- 7 Metacarpal Bones/ (985)
- 8 carpo-metacarpal.tw,kw. (100)
- 9 carpometacarpal.tw,kw. (1239)
- 10 CMC.tw,kw. (6124)
- 11 Carpometacarpal Joints/ (438)
- 12 **or/1-11 (46104)**
- 13 osteoarth*.tw,kw. (48311)
- 14 Osteoarthritis/ (29823)
- 15 degenerative joint disease.tw,kw. (1800)
- 16 (rhizoarthrosis or rhizarthrosis).tw,kw. (56)
- 17 **or/13-16 (60120)**
- 18 Occupational Therapy/ or Drug Therapy/ or Physical Therapy Modalities/ or Drug Therapy, Combination/ or Physical Therapy Department, Hospital/ or Exercise Therapy/ or Occupational Therapy Department, Hospital/ (238458)
- 19 therap*.tw,kw. (2003741)
- 20 treatment*.tw,kw. (3311223)
- 21 Therapeutics/ (8099)
- 22 Psychotherapy/ (42117)
- 23 Splints/ (7689)
- 24 (surger* or (joint adj2 protection*) or (assistive adj2 device*) or (thermal adj2 modalit*)).tw,kw. (865689)
- 25 ((famil* adj2 support) or (social adj2 work*)).tw,kw. (20974)
- 26 Social Work/ (13216)
- 27 relaxation*.tw,kw. (96944)
- 28 Relaxation/ or Relaxation Therapy/ (7644)
- 29 cognitive therapy/ (17599)
- 30 (cognitive adj2 therap*).tw,kw. (12338)
- 31 Orthotic Devices/ (5203)
- 32 (orthosis or orthese*).tw,kw. (2650)
- 33 (orthotic adj2 device*).tw,kw. (396)
- 34 Biofeedback, Psychology/ (6451)
- 35 biofeedback.tw,kw. (5396)
- 36 (supportive adj2 psychotherap*).tw,kw. (574)
- 37 Psychotherapy, Group/ (12182)
- 38 (group adj2 therap*).tw,kw. (15578)
- 39 Directive Counseling/ or Counseling/ (30727)
- 40 counseling.tw,kw. (47715)
- 41 Self Care/ or Orthotic Devices/ or Exercise/ or Injections/ (136480)
- 42 (orthotic* or exercise* or injection*).tw,kw. (685837)
- 43 ((manual or hand) adj2 therapy).tw,kw. (2077)
- 44 (self adj2 management).tw,kw. (10660)
- 45 **or/18-44 (5757132)**

- 46 12 and 17 and 45 (1121)**
- 47 remove duplicates from 46 (1094)
- 48 Animals/ not Humans/ (3989744)
- 49 Infant/ not Adult/ (486047)
- 50 47 not (48 or 49) (1009)
- 51 limit 50 to (english or french) (872)**

Search #2

- 1 thumb*.tw,kw. (13971)
- 2 pollex.tw,kw. (48)
- 3 Thumb/ (8064)
- 4 (carpal* or metacarp* or trapezio-metacarpal or trapeziometacarpal or trapezial-metacarpal or trapezialmetacarpal or (basal adj2 thumb) or (basilar adj2 thumb) or (thumb adj2 base)).tw,kw. (23424)
- 5 Carpal Bones/ or Trapezium Bone/ (5256)
- 6 trapezium.tw,kw. (791)
- 7 Metacarpal Bones/ (985)
- 8 carpo-metacarpal.tw,kw. (100)
- 9 carpometacarpal.tw,kw. (1239)
- 10 CMC.tw,kw. (6124)
- 11 Carpometacarpal Joints/ (438)
- 12 or/1-11 (46104)**
- 13 osteoarth*.tw,kw. (48311)
- 14 Osteoarthritis/ (29823)
- 15 degenerative joint disease.tw,kw. (1800)
- 16 (rhizoarthrosis or rhizarthrosis).tw,kw. (56)
- 17 or/13-16 (60120)**
- 18 Acute Pain/ or Breakthrough Pain/ or Pain/ or Musculoskeletal Pain/ or Chronic Pain/ or Pain Management/ (128263)
- 19 pain*.tw,kw. (497011)
- 20 Hyperalgesia/ (8360)
- 21 hyperalgesia.tw,kw. (10160)
- 22 or/18-21 (532808)**
- 23 12 and 17 and 22 (855)**
- 24 remove duplicates from 23 (833)
- 25 Animals/ not Humans/ (3989744)
- 26 Infant/ not Adult/ (486047)
- 27 24 not (25 or 26) (819)
- 28 limit 27 to (english or french) (725)