

Bone & Joint Open



Supplementary Material

10.1302/2633-1462.512.BJO-2024-0074.R1

Search Strategies

Ovid MEDLINE(R) ALL

via Ovid <http://ovidsp.ovid.com/>

Date range searched: 1946 to September 25, 2023

Date searched: 26 September 2023

Records retrieved: 2632

- 1 Ankle Fractures/ (2485)
- 2 Femoral Fractures/ (18141)
- 3 Tibial Fractures/ (16966)
- 4 or/1-3 (34823)
- 5 ((fractur* or trauma*) adj3 (lower extremit* or lower limb*)).ti,ab. (4076)
- 6 ((fractur* or trauma*) adj3 (leg or legs or thigh* or knee or knees or shin or shins or shinbone* or foot or midfoot or hindfoot or feet or ankle or ankles or anklebone* or pilon or heel or heels or heelbone* or toe or toes)).ti,ab. (12271)
- 7 ((fractur* or trauma*) adj3 (femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*)).ti,ab. (42533)
- 8 ((fractur* or trauma*) adj3 (metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*)).ti,ab. (6679)
- 9 ((Pott* or Cotton*) adj fractur*).ti,ab. (33)
- 10 or/5-9 (60473)
- 11 lower extremity/ or exp foot/ or knee/ or leg/ or thigh/ (163393)
- 12 leg injuries/ or ankle injuries/ or foot injuries/ or knee injuries/ (42577)
- 13 exp Leg Bones/ (56710)
- 14 exp Foot Bones/ (19910)

- 15 or/11-14 (261698)
- 16 (lower extremit* or lower limb*).ti,ab. (125822)
- 17 (leg or legs or thigh* or knee or knees or shin or shins or shinbone* or foot or midfoot or hindfoot or feet or ankle or ankles or anklebone* or pilon or heel or heels or heelbone* or toe or toes).ti,ab. (506953)
- 18 (femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*).ti,ab. (291053)
- 19 (metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*).ti,ab. (45818)
- 20 or/15-19 (876108)
- 21 Fractures, Bone/ (71251)
- 22 20 and 21 (20708)
- 23 (fractur* or trauma*).ti,ab. (700066)
- 24 15 and 23 (35672)
- 25 exp Fracture Dislocation/ (2529)
- 26 Fractures, Avulsion/ (338)
- 27 Fractures, Closed/ (3453)
- 28 Fractures, Compression/ (3249)
- 29 Fractures, Malunited/ (1755)
- 30 Fractures, Multiple/ (277)
- 31 Fractures, Open/ (5952)
- 32 Fractures, Stress/ (3877)
- 33 exp Fractures, Ununited/ (11437)
- 34 Intra-Articular Fractures/ (1684)
- 35 Periprosthetic Fractures/ (1664)
- 36 Fracture Healing/ (14991)
- 37 Crush Injuries/ (409)
- 38 (crush* adj2 (injur* or trauma* or fractur*)).ti,ab. (4421)
- 39 Fractures, Comminuted/ (2899)
- 40 or/25-39 (51787)
- 41 20 and 40 (21824)
- 42 exp Multiple Trauma/ (13737)
- 43 (polytrauma* or poly-trauma* or multitrauma* or multi-trauma*).ti,ab. (6083)
- 44 ((complex* or complicat* or severe* or severity or serious or major or multiple) adj2 (fractur* or trauma*)).ti,ab. (47592)
- 45 or/42-44 (60565)

- 46 20 and 45 (9358)
- 47 4 or 10 or 22 or 24 or 41 or 46 (101659)
- 48 ((bone* or fractur*) adj3 (heal or heals or healed or healing)).ti,ab. (28069)
- 49 ((bone* or fractur*) adj3 (union* or nonunion* or non union* or ununite*)).ti,ab. (11044)
- 50 ((bone* or fractur*) adj3 (malunion* or mal union* or deform*)).ti,ab. (5901)
- 51 (osteomyelitis or ((bone* or fractur*) adj3 infect*)).ti,ab. (35506)
- 52 exp Osteomyelitis/ (24662)
- 53 or/48-52 (83307)
- 54 20 and 53 (26518)
- 55 ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*) adj3 (heal or heals or healed or healing)).ti,ab. (1712)
- 56 ((metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) adj3 (heal or heals or healed or healing)).ti,ab. (138)
- 57 ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*) adj3 (union* or nonunion* or non union* or ununite*)).ti,ab. (2294)
- 58 ((metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) adj3 (union* or nonunion* or non union* or ununite*)).ti,ab. (194)
- 59 ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*) adj3 (malunion* or mal union* or deform*)).ti,ab. (2331)
- 60 ((metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) adj3 (malunion* or mal union* or deform*)).ti,ab. (658)
- 61 ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*) adj3 (osteomyelitis or infect*)).ti,ab. (2152)
- 62 ((metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) adj3 (osteomyelitis or infect*)).ti,ab. (458)
- 63 or/55-62 (9366)
- 64 Limb Salvage/ (5294)
- 65 ((limb or limbs) adj3 (restor* or reconstruct* or salvag*)).ti,ab. (10628)
- 66 Ilizarov Technique/ (1466)
- 67 External Fixators/ (6488)
- 68 Orthopedic Fixation Devices/ (5066)
- 69 Fracture Fixation/ (19485)
- 70 Bone Lengthening/ (2351)
- 71 Ilizarov.ti,ab. (2519)

- 72 (external adj2 (fixat* or frame* or cage*)).ti,ab. (11636)
- 73 (circular adj2 (fixat* or frame* or cage*)).ti,ab. (863)
- 74 Taylor Spatial Frame*.ti,ab. (251)
- 75 TSF.ti,ab. (1511)
- 76 True Lok Hex.ti,ab. (1)
- 77 TLHex.ti,ab. (1)
- 78 or/64-77 (50696)
- 79 20 and 78 (24317)
- 80 47 or 54 or 63 or 79 (128114)
- 81 (lower extremity/ or exp foot/ or knee/ or leg/ or thigh/) and exp sarcoma/ (3375)
- 82 ((lower extremit* or lower limb* or leg or legs or thigh* or knee or knees or shin or shins or shinbone* or foot or midfoot or hindfoot or feet or ankle or ankles or anklebone* or pilon or heel or heels or heelbone* or toe or toes or femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap* or metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) adj8 (sarcoma* or adenosarcoma* or carcinosarcoma* or chondrosarcoma* or fibrosarcoma* or hemangiosarcoma* or histiocytoma* or leiomyosarcoma* or liposarcoma* or lymphangiosarcoma* or myosarcoma* or myxosarcoma* or osteosarcoma* or cancer* or neoplas* or malignan* or tumo?r*)).ti,ab. (16824)
- 83 or/80-82 (144464)
- 84 Patient Reported Outcome Measures/ (13910)
- 85 ((American Academy of Orthop?edic Surgeons or AAOS) adj3 (LLCS or scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)).ti,ab. (195)
- 86 (((("Foot and Ankle" adj4 (ability or disability)) and (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or FAAM or FADI).ti,ab. (730)
- 87 (Brief Pain Inventor* or BPI).ti,ab. (4572)
- 88 ((Disabilities or DASH) adj8 (measur* or questionnaire* or survey*)).ti,ab. (5586)
- 89 (Disability Rating Ind* or DRI).ti,ab. (1650)
- 90 ((Frequency Intensity Time or FIT) adj (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)).ti,ab. (8536)
- 91 (((Knee injury and Osteoarthritis Outcome) or KOOS) adj2 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)).ti,ab. (3482)
- 92 (((Knee Society or KS) adj3 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or (knee* and KSS)).ti,ab. (6208)

- 93 ((Lower Extremity Functional adj (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or LEFS).ti,ab. (722)
- 94 ((Lysholm adj2 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or LKS).ti,ab. (4753)
- 95 ((Maryland foot adj (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or MFS).ti,ab. (6172)
- 96 (Musculoskeletal Function Assessment* or MFA or SMFA).ti,ab. (2098)
- 97 (Nottingham Health Profile or NHP).ti,ab. (4367)
- 98 (((Olerund Molander Ankle or Olerund-Molander Ankle) adj (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or OMAS).ti,ab. (367)
- 99 (Oxford Hip Score* or (OHS and hip*)).ti,ab. (953)
- 100 (Patient Health Questionnaire* or PHQ-9 or phq9).ti,ab. (12603)
- 101 (((patient reported outcome* or patient-reported outcome*) and lower extremit*) or LIMB-Q or LIMBQ or PROMIS).ti,ab. (4156)
- 102 (euroqol five-dimension* or euroqol 5-dimension* or (euro* adj3 (5 d or 5d or 5 dimension* or 5dimension* or 5 domain* or 5domain*))).ti,ab. (6950)
- 103 (EQ-5D-5L or eq-5d or eq5d or eq-5 or eq5 or euro qual or euroqual or euro qual5d or euroqual5d or euro qol or euroqol or euro qol5d or euroqol5d or euro quol or euroquol or euro quol5d or euroquol5d or eur qol or eurqol or eur qol5d or eur qol5d or eur?qul or eur?qul5d or euro* quality of life or european qol).ti,ab. (17530)
- 104 (short form* or shortform*).ti,ab. (44480)
- 105 short form 12 health survey*.ti,ab. (359)
- 106 (sf-12 or sf12 or "sf 12" or sf twelve or sftwelve).ti,ab. (6265)
- 107 short form 36 health survey*.ti,ab. (2103)
- 108 (sf-36 or sf36* or sf 36* or sf thirtysix or sf thirty six).ti,ab. (26547)
- 109 (short form six-dimension* or short form 6-dimension* or ((short form* or sf*) adj3 (6 d or 6d or 6 dimension* or 6dimension* or 6 domain* or 6domain*))).ti,ab. (1070)
- 110 (sf-6D or sf6d or sf 6d or sf six or sfsix).ti,ab. (963)
- 111 (Sickness Impact Profile or SIP).ti,ab. (4175)
- 112 ((Stanmore Limb Reconstruction adj (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or SLRS).ti,ab. (280)
- 113 ((Tegner Activity adj (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or TAS).ti,ab. (8309)

- 114 ((Limb Deformity adj4 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classific* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or LD-SRS).ti,ab. (27)
- 115 ((Toronto Extremity Salvage or TESS Lower Limb*) adj2 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classific* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)).ti,ab. (255)
- 116 (Veterans RAND 12 item health survey* or VR-12 or VR12).ti,ab. (375)
- 117 (Visual Analogue Scale* or VAS or VAS-FA or VAS FA).ti,ab. (79661)
- 118 or/84-117 (224714)
- 119 83 and 118 (5408)
- 120 methods/ or outcome assessment, health care/ or exp psychometrics/ or exp observer variation/ or exp reproducibility of results/ or exp discriminant analysis/ or health status indicators/ or instrumentation.fs. or validation studies.pt. or comparative study.pt. or homogeneity.ti,ab. or outcome assessment.ti,ab. or outcome measure*.ti,ab. or reproducib*.ti,ab. or psychometr*.ti,ab. or clinimetr*.ti,ab. or clinometr*.ti,ab. or observer variation.ti,ab. or reliab*.ti,ab. or valid*.ti,ab. or coefficient.ti,ab. or internal consistency.ti,ab. or (cronbach* and (alpha or alphas)).ti,ab. or item correlation.ti,ab. or item correlations.ti,ab. or item selection.ti,ab. or item selections.ti,ab. or item reduction.ti,ab. or item reductions.ti,ab. or agreement.mp. or precision.mp. or imprecision.mp. or precise values.mp. or test-retest.ti,ab. or (test and retest).ti,ab. or ((reliab* or unreliab*) and (test or retest)).ti,ab. or stability.ti,ab. or interrater.ti,ab. or inter-rater.ti,ab. or intrarater.ti,ab. or intra-rater.ti,ab. or intertester.ti,ab. or inter-tester.ti,ab. or intratester.ti,ab. or intra-tester.ti,ab. or interobserver.ti,ab. or inter-observer.ti,ab. or intraobserver.ti,ab. or intra-observer.ti,ab. or intertechnician.ti,ab. or inter-technician.ti,ab. or intratechnician.ti,ab. or intra-technician.ti,ab. or interexaminer.ti,ab. or inter-examiner.ti,ab. or intraexaminer.ti,ab. or intra-examiner.ti,ab. or interassay.ti,ab. or inter-assay.ti,ab. or intraassay.ti,ab. or intra-assay.ti,ab. or interindividual.ti,ab. or inter-individual.ti,ab. or intraindividual.ti,ab. or intra-individual.ti,ab. or interparticipant.ti,ab. or inter-participant.ti,ab. or intraparticipant.ti,ab. or intra-participant.ti,ab. or kappa*.ti,ab. or "coefficient of variation".ti,ab. or repeatab*.mp. or ((replicab* or repeated) and (measure or measures or findings or result or results or test or tests)).mp. or generaliza*.ti,ab. or generalisa*.ti,ab. or concordance.ti,ab. or (intraclass and correlation*).ti,ab. or discriminative.ti,ab. or known group.ti,ab. or factor analysis.ti,ab. or factor analyses.ti,ab. or factor structure.ti,ab. or factor structures.ti,ab. or dimensionality.ti,ab. or subscale*.ti,ab. or multitrait scaling analysis.ti,ab. or multitrait scaling analyses.ti,ab. or "item discriminant or interscale correlation".ti,ab. or interscale correlations.ti,ab. or ((error or errors) and (measure* or correlat* or evaluat* or accuracy or accurate or precision or mean)).ti,ab. or individual variability.ti,ab. or interval variability.ti,ab. or rate variability.ti,ab. or variability analysis.ti,ab. or (uncertainty and (measurement or measuring)).ti,ab. or "standard error of measurement".ti,ab. or sensitiv*.ti,ab. or responsive*.ti,ab. or (limit and detection).ti,ab. or minimal detectable concentration.ti,ab. or interpretab*.ti,ab. or (((small or clinical* or minimal*) adj6 (real or important or significant or detectable)) and (change* or difference*)).ti,ab. or ceiling effect.ti,ab. or floor effect.ti,ab. or item response model.ti,ab. or IRT.ti,ab. or Rasch.ti,ab. or differential item functioning.ti,ab. or DIF.ti,ab. or computer adaptive testing.ti,ab. or item bank.ti,ab. or cross-cultural equivalence.ti,ab. (7687008)
- 121 119 and 120 (2642)
- 122 exp animals/ not humans/ (5158546)
- 123 121 not 122 (2638)
- 124 remove duplicates from 123 (2632)

Key:

/ = indexing term (Medical Subject Heading: MeSH)

exp = exploded indexing term (MeSH)

* = truncation

? = wildcard for 0-1 letters

ti,ab = terms in either title or abstract fields

adj3 = terms within three words of each other (any order).

Embase

via Ovid <http://ovidsp.ovid.com/>

Date range searched: 1974 to 2023 September 25

Date searched: 26 September 2023

Records retrieved: 4308

- 1 exp ankle fracture/ (8596)
- 2 exp femur fracture/ (36441)
- 3 exp tibia fracture/ (19880)
- 4 exp foot fracture/ (4576)
- 5 knee fracture/ (924)
- 6 patella fracture/ (2162)
- 7 leg fracture/ (2766)
- 8 exp fibula fracture/ (2439)
- 9 or/1-8 (68242)
- 10 ((fractur* or trauma*) adj3 (lower extremit* or lower limb*)).ti,ab. (5044)
- 11 ((fractur* or trauma*) adj3 (leg or legs or thigh* or knee or knees or shin or shins or shinbone* or foot or midfoot or hindfoot or feet or ankle or ankles or anklebone* or pilon or heel or heels or heelbone* or toe or toes)).ti,ab. (14580)
- 12 ((fractur* or trauma*) adj3 (femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*)).ti,ab. (49253)
- 13 ((fractur* or trauma*) adj3 (metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*)).ti,ab. (7236)
- 14 ((Pott* or Cotton*) adj fractur*).ti,ab. (11)
- 15 or/10-14 (70022)
- 16 lower limb/ (41456)
- 17 exp leg/ (349173)

- 18 leg injury/ or exp ankle injury/ or exp foot injury/ or exp knee injury/ (72443)
- 19 exp leg bone/ (132496)
- 20 exp foot bone/ (24231)
- 21 16 or 17 or 18 or 19 or 20 (556910)
- 22 (lower extremit* or lower limb*).ti,ab. (181072)
- 23 (leg or legs or thigh* or knee or knees or shin or shins or shinbone* or foot or midfoot or hindfoot or feet or ankle or ankles or anklebone* or pilon or heel or heels or heelbone* or toe or toes).ti,ab. (668730)
- 24 (femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*).ti,ab. (380219)
- 25 (metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*).ti,ab. (53884)
- 26 or/21-25 (1182731)
- 27 fracture/ (97502)
- 28 26 and 27 (25447)
- 29 (fractur* or trauma*).ti,ab. (868576)
- 30 21 and 29 (75591)
- 31 fracture dislocation/ (4579)
- 32 avulsion fracture/ (2804)
- 33 comminuted fracture/ (4411)
- 34 compression fracture/ (8156)
- 35 fracture healing/ or exp fracture nonunion/ (56922)
- 36 multiple fracture/ (1555)
- 37 open fracture/ (7513)
- 38 stress fracture/ (7527)
- 39 intraarticular fracture/ (2446)
- 40 periprosthetic fracture/ (4667)
- 41 joint fracture/ (612)
- 42 limb fracture/ (2526)
- 43 crush trauma/ (4165)
- 44 (crush* adj2 (injur* or trauma* or fractur*)).ti,ab. (5316)
- 45 or/31-44 (100920)
- 46 26 and 45 (41478)
- 47 multiple trauma/ (17253)
- 48 (polytrauma* or poly-trauma* or multitrauma* or multi-trauma*).ti,ab. (8424)

- 49 ((complex* or complicat* or severe* or severity or serious or major or multiple) adj2 (fractur* or trauma*)).ti,ab. (63581)
- 50 or/47-49 (78396)
- 51 26 and 50 (12693)
- 52 9 or 15 or 28 or 30 or 46 or 51 (156843)
- 53 ((bone* or fractur*) adj3 (heal or heals or healed or healing)).ti,ab. (32972)
- 54 ((bone* or fractur*) adj3 (union* or nonunion* or non union* or ununite*)).ti,ab. (12304)
- 55 ((bone* or fractur*) adj3 (malunion* or mal union* or deform*)).ti,ab. (7518)
- 56 (osteomyelitis or ((bone* or fractur*) adj3 infect*)).ti,ab. (42204)
- 57 exp osteomyelitis/ (46772)
- 58 53 or 54 or 55 or 56 or 57 (110267)
- 59 26 and 58 (35440)
- 60 ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*) adj3 (heal or heals or healed or healing)).ti,ab. (2054)
- 61 ((metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) adj3 (heal or heals or healed or healing)).ti,ab. (171)
- 62 ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*) adj3 (union* or nonunion* or non union* or ununite*)).ti,ab. (2483)
- 63 ((metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) adj3 (union* or nonunion* or non union* or ununite*)).ti,ab. (219)
- 64 ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*) adj3 (malunion* or mal union* or deform*)).ti,ab. (2701)
- 65 ((metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) adj3 (malunion* or mal union* or deform*)).ti,ab. (765)
- 66 ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*) adj3 (osteomyelitis or infect*)).ti,ab. (2473)
- 67 ((metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) adj3 (osteomyelitis or infect*)).ti,ab. (559)
- 68 or/60-67 (10790)
- 69 limb salvage/ (10840)
- 70 ((limb or limbs) adj3 (restor* or reconstruct* or salvag*)).ti,ab. (13257)
- 71 exp Ilizarov technique/ (2201)
- 72 external fixator/ (7262)
- 73 orthopedic fixation device/ (2478)
- 74 fracture external fixation/ (8530)

- 75 fracture fixation/ (26608)
- 76 leg lengthening/ (3398)
- 77 Ilizarov.ti,ab. (2833)
- 78 (external adj2 (fixat* or frame* or cage*).ti,ab. (13512)
- 79 (circular adj2 (fixat* or frame* or cage*).ti,ab. (939)
- 80 Taylor Spatial Frame*.ti,ab. (269)
- 81 TSF.ti,ab. (1935)
- 82 True Lok Hex.ti,ab. (1)
- 83 TLHex.ti,ab. (0)
- 84 or/69-83 (65934)
- 85 26 and 84 (32886)
- 86 52 or 59 or 68 or 85 (187586)
- 87 exp lower limb/ and exp sarcoma/ (7650)
- 88 ((lower extremit* or lower limb* or leg or legs or thigh* or knee or knees or shin or shins or shinbone* or foot or midfoot or hindfoot or feet or ankle or ankles or anklebone* or pilon or heel or heels or heelbone* or toe or toes or femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap* or metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) adj8 (sarcoma* or adenocarcinoma* or carcinosarcoma* or chondrosarcoma* or fibrosarcoma* or hemangiosarcoma* or histiocytoma* or leiomyosarcoma* or liposarcoma* or lymphangiosarcoma* or myosarcoma* or myxosarcoma* or osteosarcoma* or cancer* or neoplas* or malignan* or tumor*).ti,ab. (21652)
- 89 or/86-88 (210171)
- 90 patient-reported outcome/ (54037)
- 91 ((American Academy of Orthopedic Surgeons or AAOS) adj3 (LLCS or scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*).ti,ab. (219)
- 92 (((("Foot and Ankle" adj4 (ability or disability)) and (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or FAAM or FADI).ti,ab. (921)
- 93 (Brief Pain Inventor* or BPI).ti,ab. (7750)
- 94 ((Disabilities or DASH) adj8 (measur* or questionnaire* or survey*).ti,ab. (6878)
- 95 (Disability Rating Ind* or DRI).ti,ab. (3353)
- 96 ((Frequency Intensity Time or FIT) adj (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*).ti,ab. (9878)
- 97 (((Knee injury and Osteoarthritis Outcome) or KOOS) adj2 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or

indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*).ti,ab. (4886)

98 (((Knee Society or KS) adj3 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classific* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or (knee* and KSS)).ti,ab. (7154)

99 ((Lower Extremity Functional adj (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classific* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or LEFS).ti,ab. (901)

100 ((Lysholm adj2 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classific* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or LKS).ti,ab. (5810)

101 ((Maryland foot adj (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classific* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or MFS).ti,ab. (8756)

102 (Musculoskeletal Function Assessment* or MFA or SMFA).ti,ab. (2640)

103 (Nottingham Health Profile or NHP).ti,ab. (7260)

104 (((Olerund Molander Ankle or Olerund-Molander Ankle) adj (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classific* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or OMAS).ti,ab. (565)

105 (Oxford Hip Score* or (OHS and hip*)).ti,ab. (1166)

106 (Patient Health Questionnaire* or PHQ-9 or phq9).ti,ab. (19458)

107 (((patient reported outcome* or patient-reported outcome*) and lower extremit*) or LIMB-Q or LIMBQ or PROMIS).ti,ab. (8376)

108 (euroqol five-dimension* or euroqol 5-dimension* or (euro* adj3 (5 d or 5d or 5 dimension* or 5dimension* or 5 domain* or 5domain*))).ti,ab. (10172)

109 (EQ-5D-5L or eq-5d or eq5d or eq-5 or eq5 or euro qual or euroqual or euro qual5d or euroqual5d or euro qol or euroqol or euro qol5d or euroqol5d or euro quol or euroquol or euro quol5d or euroquol5d or eur qol or eurqol or eur qol5d or eur qol5d or eur?qul or eur?qul5d or euro* quality of life or european qol).ti,ab. (31232)

110 (short form* or shortform*).ti,ab. (60386)

111 short form 12 health survey*.ti,ab. (480)

112 (sf-12 or sf12 or "sf 12" or sf twelve or sftwelve).ti,ab. (10546)

113 short form 36 health survey*.ti,ab. (2853)

114 (sf-36 or sf36* or sf 36* or sf thirtysix or sf thirty six).ti,ab. (45549)

115 (short form six-dimension* or short form 6-dimension* or ((short form* or sf*) adj3 (6 d or 6d or 6 dimension* or 6dimension* or 6 domain* or 6domain*))).ti,ab. (1866)

116 (sf-6D or sf6d or sf 6d or sf six or sfsix).ti,ab. (1794)

117 (Sickness Impact Profile or SIP).ti,ab. (5405)

- 118 ((Stanmore Limb Reconstruction adj (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or SLRS).ti,ab. (449)
- 119 ((Tegner Activity adj (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or TAS).ti,ab. (11951)
- 120 ((Limb Deformity adj4 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or LD-SRS).ti,ab. (32)
- 121 ((Toronto Extremity Salvage or TESS Lower Limb*) adj2 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)).ti,ab. (280)
- 122 (Veterans RAND 12 item health survey* or VR-12 or VR12).ti,ab. (574)
- 123 (Visual Analogue Scale* or VAS or VAS-FA or VAS FA).ti,ab. (126103)
- 124 or/90-123 (365310)
- 125 89 and 124 (9045)
- 126 outcome assessment/ or psychometry/ or observer variation/ or exp reproducibility/ or discriminant analysis/ or health status indicator/ or instrumentation.mp. or homogeneity.ti,ab. or outcome assessment.ti,ab. or outcome measure*.ti,ab. or reproducib*.ti,ab. or psychometr*.ti,ab. or clinimetr*.ti,ab. or clinometr*.ti,ab. or observer variation.ti,ab. or reliab*.ti,ab. or valid*.ti,ab. or coefficient.ti,ab. or internal consistency.ti,ab. or (cronbach* and (alpha or alphas)).ti,ab. or item correlation.ti,ab. or item correlations.ti,ab. or item selection.ti,ab. or item selections.ti,ab. or item reduction.ti,ab. or item reductions.ti,ab. or agreement.mp. or precision.mp. or imprecision.mp. or precise values.mp. or test-retest.ti,ab. or (test and retest).ti,ab. or ((reliab* or unreliab*) and (test or retest)).ti,ab. or stability.ti,ab. or interrater.ti,ab. or inter-rater.ti,ab. or intrarater.ti,ab. or intra-rater.ti,ab. or intertester.ti,ab. or inter-tester.ti,ab. or intratester.ti,ab. or intra-tester.ti,ab. or interobserver.ti,ab. or inter-observer.ti,ab. or intraobserver.ti,ab. or intra-observer.ti,ab. or intertechnician.ti,ab. or inter-technician.ti,ab. or intratechnician.ti,ab. or intra-technician.ti,ab. or interexaminer.ti,ab. or inter-examiner.ti,ab. or intraexaminer.ti,ab. or intra-examiner.ti,ab. or interassay.ti,ab. or inter-assay.ti,ab. or intraassay.ti,ab. or intra-assay.ti,ab. or interindividual.ti,ab. or inter-individual.ti,ab. or intraindividual.ti,ab. or intra-individual.ti,ab. or interparticipant.ti,ab. or inter-participant.ti,ab. or intraparticipant.ti,ab. or intra-participant.ti,ab. or kappa*.ti,ab. or "coefficient of variation".ti,ab. or repeatab*.mp. or ((replicab* or repeated) and (measure or measures or findings or result or results or test or tests)).mp. or generaliza*.ti,ab. or generalisa*.ti,ab. or concordance.ti,ab. or (intraclass and correlation*).ti,ab. or discriminative.ti,ab. or known group.ti,ab. or factor analysis.ti,ab. or factor analyses.ti,ab. or factor structure.ti,ab. or factor structures.ti,ab. or dimensionality.ti,ab. or subscale*.ti,ab. or multitrait scaling analysis.ti,ab. or multitrait scaling analyses.ti,ab. or "item discriminant or interscale correlation".ti,ab. or interscale correlations.ti,ab. or ((error or errors) and (measure* or correlat* or evaluat* or accuracy or accurate or precision or mean)).ti,ab. or individual variability.ti,ab. or interval variability.ti,ab. or rate variability.ti,ab. or variability analysis.ti,ab. or (uncertainty and (measurement or measuring)).ti,ab. or "standard error of measurement".ti,ab. or sensitiv*.ti,ab. or responsive*.ti,ab. or (limit and detection).ti,ab. or minimal detectable concentration.ti,ab. or interpretab*.ti,ab. or (((small or clinical* or minimal*) adj6 (real or important or significant or detectable)) and (change* or difference*)).ti,ab. or ceiling effect.ti,ab. or floor effect.ti,ab. or item response model.ti,ab. or IRT.ti,ab. or Rasch.ti,ab. or differential item functioning.ti,ab. or DIF.ti,ab. or computer adaptive testing.ti,ab. or item bank.ti,ab. or cross-cultural equivalence.ti,ab. (7633627)
- 127 125 and 126 (4369)

128 (animal/ or animal experiment/ or animal model/ or animal tissue/ or nonhuman/) not exp human/ (6816520)

129 127 not 128 (4356)

130 remove duplicates from 129 (4308)

Key:

/ = indexing term (Emtree Subject Heading)

exp = exploded indexing term (Emtree)

* = truncation

? = wildcard for 0-1 letters

ti,ab = terms in either title or abstract fields

adj3 = terms within three words of each other (any order).

APA PsycInfo via Ovid <http://ovidsp.ovid.com/>

Date range searched: 1806 to September Week 3 2023

Date searched: 26 September 2023

Records retrieved: 97

1 ((fractur* or trauma*) adj3 (lower extremit* or lower limb*)).ti,ab,id. (93)

2 ((fractur* or trauma*) adj3 (leg or legs or thigh* or knee or knees or shin or shins or shinbone* or foot or midfoot or hindfoot or feet or ankle or ankles or anklebone* or pilon or heel or heels or heelbone* or toe or toes)).ti,ab,id. (98)

3 ((fractur* or trauma*) adj3 (femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*)).ti,ab,id. (266)

4 ((fractur* or trauma*) adj3 (metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*)).ti,ab,id. (15)

5 ((Pott* or Cotton*) adj fractur*).ti,ab,id. (0)

6 or/1-5 (463)

7 "leg (anatomy)"/ or thigh/ or ankle/ or "feet (anatomy)"/ or knee/ (4638)

8 (lower extremit* or lower limb*).ti,ab,id. (5950)

9 (leg or legs or thigh* or knee or knees or shin or shins or shinbone* or foot or midfoot or hindfoot or feet or ankle or ankles or anklebone* or pilon or heel or heels or heelbone* or toe or toes).ti,ab,id. (30597)

10 (femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*).ti,ab,id. (3784)

11 (metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*).ti,ab,id. (833)

- 12 or/7-11 (37589)
- 13 Trauma/ or Injuries/ (44951)
- 14 12 and 13 (1013)
- 15 (fractur* or trauma*).ti,ab,id. (142211)
- 16 7 and 15 (135)
- 17 (crush* adj2 (injur* or trauma* or fractur*)).ti,ab,id. (232)
- 18 (polytrauma* or poly-trauma* or multitrauma* or multi-trauma*).ti,ab,id. (342)
- 19 ((complex* or complicat* or severe* or severity or serious or major or multiple) adj2 (fractur* or trauma*)).ti,ab,id. (8405)
- 20 or/17-19 (8932)
- 21 12 and 20 (119)
- 22 ((bone* or fractur*) adj3 (heal or heals or healed or healing)).ti,ab,id. (87)
- 23 ((bone* or fractur*) adj3 (union* or nonunion* or non union* or ununite*)).ti,ab,id. (6)
- 24 ((bone* or fractur*) adj3 (malunion* or mal union* or deform*)).ti,ab,id. (34)
- 25 (osteomyelitis or ((bone* or fractur*) adj3 infect*)).ti,ab,id. (124)
- 26 or/22-25 (246)
- 27 12 and 26 (55)
- 28 ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*) adj3 (heal or heals or healed or healing)).ti,ab,id. (2)
- 29 ((metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) adj3 (heal or heals or healed or healing)).ti,ab,id. (0)
- 30 ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*) adj3 (union* or nonunion* or non union* or ununite*)).ti,ab,id. (3)
- 31 ((metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) adj3 (union* or nonunion* or non union* or ununite*)).ti,ab,id. (0)
- 32 ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*) adj3 (malunion* or mal union* or deform*)).ti,ab,id. (6)
- 33 ((metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) adj3 (malunion* or mal union* or deform*)).ti,ab,id. (1)
- 34 ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*) adj3 (osteomyelitis or infect*)).ti,ab,id. (1)
- 35 ((metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) adj3 (osteomyelitis or infect*)).ti,ab,id. (0)
- 36 or/28-35 (12)
- 37 ((limb or limbs) adj3 (restor* or reconstruct* or salvag*)).ti,ab,id. (80)

- 38 Ilizarov.ti,ab,id. (6)
- 39 (external adj2 (fixat* or frame* or cage*).ti,ab,id. (385)
- 40 (circular adj2 (fixat* or frame* or cage*).ti,ab,id. (43)
- 41 Taylor Spatial Frame*.ti,ab,id. (0)
- 42 TSF.ti,ab,id. (163)
- 43 True Lok Hex.ti,ab,id. (0)
- 44 TLHex.ti,ab,id. (0)
- 45 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44 (671)
- 46 12 and 45 (46)
- 47 6 or 14 or 16 or 21 or 27 or 36 or 46 (1540)
- 48 ("leg (anatomy)"/ or thigh/ or ankle/ or "feet (anatomy)"/ or knee/) and Sarcomas/ (18)
- 49 ((lower extremit* or lower limb* or leg or legs or thigh* or knee or knees or shin or shins or shinbone* or foot or midfoot or hindfoot or feet or ankle or ankles or anklebone* or pilon or heel or heels or heelbone* or toe or toes or femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap* or metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) adj8 (sarcoma* or adenosarcoma* or carcinosarcoma* or chondrosarcoma* or fibrosarcoma* or hemangiosarcoma* or histiocytoma* or leiomyosarcoma* or liposarcoma* or lymphangiosarcoma* or myosarcoma* or myxosarcoma* or osteosarcoma* or cancer* or neoplas* or malignan* or tumor*).ti,ab,id. (194)
- 50 or/47-49 (1729)
- 51 Patient Reported Outcome Measures/ (792)
- 52 ((American Academy of Orthopedic Surgeons or AAOS) adj3 (LLCS or scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*).ti,ab. (3)
- 53 (((("Foot and Ankle" adj4 (ability or disability)) and (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or FAAM or FADI).ti,ab. (35)
- 54 (Brief Pain Inventor* or BPI).ti,ab. (1140)
- 55 ((Disabilities or DASH) adj8 (measur* or questionnaire* or survey*).ti,ab. (3344)
- 56 (Disability Rating Ind* or DRI).ti,ab. (147)
- 57 ((Frequency Intensity Time or FIT) adj (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*).ti,ab. (5692)
- 58 (((Knee injury and Osteoarthritis Outcome) or KOOS) adj2 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*).ti,ab. (49)

- 59 ((Knee Society or KS) adj3 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or (knee* and KSS)).ti,ab. (102)
- 60 ((Lower Extremity Functional adj (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or LEFS).ti,ab. (60)
- 61 ((Lysholm adj2 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or LKS).ti,ab. (121)
- 62 ((Maryland foot adj (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or MFS).ti,ab. (433)
- 63 (Musculoskeletal Function Assessment* or MFA or SMFA).ti,ab. (178)
- 64 (Nottingham Health Profile or NHP).ti,ab. (548)
- 65 (((Olerund Molander Ankle or Olerund-Molander Ankle) adj (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or OMAS).ti,ab. (22)
- 66 (Oxford Hip Score* or (OHS and hip*)).ti,ab. (22)
- 67 (Patient Health Questionnaire* or PHQ-9 or phq9).ti,ab. (5947)
- 68 (((patient reported outcome* or patient-reported outcome*) and lower extremit*) or LIMB-Q or LIMBQ or PROMIS).ti,ab. (908)
- 69 (euroqol five-dimension* or euroqol 5-dimension* or (euro* adj3 (5 d or 5d or 5 dimension* or 5dimension* or 5 domain* or 5domain*))).ti,ab. (1014)
- 70 (EQ-5D-5L or eq-5d or eq5d or eq-5 or eq5 or euro qual or euroqual or euro qual5d or euroqual5d or euro qol or euroqol or euro qol5d or euroqol5d or euro quol or euroquol or euro quol5d or euroquol5d or eur qol or eurqol or eur qol5d or eur qol5d or eur?qul or eur?qul5d or euro* quality of life or european qol).ti,ab. (3177)
- 71 (short form* or shortform*).ti,ab. (16729)
- 72 short form 12 health survey*.ti,ab. (95)
- 73 (sf-12 or sf12 or "sf 12" or sf twelve or sftwelve).ti,ab. (1471)
- 74 short form 36 health survey*.ti,ab. (475)
- 75 (sf-36 or sf36* or sf 36* or sf thirtysix or sf thirty six).ti,ab. (5281)
- 76 (short form six-dimension* or short form 6-dimension* or ((short form* or sf*) adj3 (6 d or 6d or 6 dimension* or 6dimension* or 6 domain* or 6domain*))).ti,ab. (373)
- 77 (sf-6D or sf6d or sf 6d or sf six or sfsix).ti,ab. (356)
- 78 (Sickness Impact Profile or SIP).ti,ab. (1222)
- 79 ((Stanmore Limb Reconstruction adj (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or SLRS).ti,ab. (28)

80 ((Tegner Activity adj (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classific* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or TAS).ti,ab. (2084)

81 ((Limb Deformity adj4 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classific* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or LD-SRS).ti,ab. (0)

82 ((Toronto Extremity Salvage or TESS Lower Limb*) adj2 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classific* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)).ti,ab. (3)

83 (Veterans RAND 12 item health survey* or VR-12 or VR12).ti,ab. (28)

84 (Visual Analogue Scale* or VAS or VAS-FA or VAS FA).ti,ab. (6432)

85 or/51-84 (49335)

86 50 and 85 (97)

87 remove duplicates from 86 (97)

Key:

/ = indexing term (American Psychological Association's Thesaurus of Psychological Index Terms)

exp = exploded indexing term

* = truncation

? = wildcard for 0-1 letters

ti,ab,id = terms in either title, abstract or key concept fields

adj3 = terms within three words of each other (any order).

Cumulative Index to Nursing and Allied Health Literature (CINAHL Complete)

via EBSCO Host <http://web.b.ebscohost.com/>

Date range: Inception – 26 September 2023

Date searched: 26 September 2023

Records retrieved: 1458

S122 S83 AND S118 AND S121 (1,458)

S121 S119 OR S120 (1,047,331)

S120 TI (instrumentation or homogeneity or outcome assessment or outcome measure* or reproducib* or psychometr* or clinimetr* or clinometr* or observer variation or reliab* or valid* or coefficient or internal consistency or (cronbach* and (alpha or alphas)) or item correlation or item correlations or item selection or item selections or item reduction or item reductions or agreement or precision or imprecision or precise values or test-retest or (test and retest) or ((reliab* or unreliab*) and (test or retest)) or stability or interrater or inter-rater or intrarater or intra-rater or intertester or inter-tester or intratester or intra-tester or interobserver or inter-observer or intraobserver or intra-observer or intertechnician or inter-technician or intratechnician or intra-technician or interexaminer or inter-examiner or intraexaminer or

intra-examiner or interassay or inter-assay or intraassay or intra-assay or interindividual or inter-individual or intraindividual or intra-individual or interparticipant or inter-participant or intraparticipant or intra-participant or kappa* or "coefficient of variation" or repeatab* or ((replicab* or repeated) and (measure or measures or findings or result or results or test or tests)) or generaliza* or generalisa* or concordance or (intraclass and correlation*) or discriminative or known group or factor analysis or factor analyses or factor structure or factor structures or dimensionality or subscale* or multitrait scaling analysis or multitrait scaling analyses or "item discriminant or interscale correlation" or interscale correlations or ((error or errors) and (measure* or correlat* or evaluat* or accuracy or accurate or precision or mean)) or individual variability or interval variability or rate variability or variability analysis or (uncertainty and (measurement or measuring)) or "standard error of measurement" or sensitiv* or responsive* or (limit and detection) or minimal detectable concentration or interpretab* or (((small or clinical* or minimal*) N6 (real or important or significant or detectable)) and (change* or difference*)) or ceiling effect or floor effect or item response model or IRT or Rasch or differential item functioning or DIF or computer adaptive testing or item bank or cross-cultural equivalence) OR AB (instrumentation or homogeneity or outcome assessment or outcome measure* or reproducib* or psychometr* or clinimetr* or clinometr* or observer variation or reliab* or valid* or coefficient or internal consistency or (cronbach* and (alpha or alphas)) or item correlation or item correlations or item selection or item selections or item reduction or item reductions or agreement or precision or imprecision or precise values or test-retest or (test and retest) or ((reliab* or unreliab*) and (test or retest)) or stability or interrater or inter-rater or intrarater or intra-rater or intertester or inter-tester or intratester or intra-tester or interobserver or inter-observer or intraobserver or intra-observer or intertechnician or inter-technician or intratechnician or intra-technician or interexaminer or inter-examiner or intraexaminer or intra-examiner or interassay or inter-assay or intraassay or intra-assay or interindividual or inter-individual or intraindividual or intra-individual or interparticipant or inter-participant or intraparticipant or intra-participant or kappa* or "coefficient of variation" or repeatab* or ((replicab* or repeated) and (measure or measures or findings or result or results or test or tests)) or generaliza* or generalisa* or concordance or (intraclass and correlation*) or discriminative or known group or factor analysis or factor analyses or factor structure or factor structures or dimensionality or subscale* or multitrait scaling analysis or multitrait scaling analyses or "item discriminant or interscale correlation" or interscale correlations or ((error or errors) and (measure* or correlat* or evaluat* or accuracy or accurate or precision or mean)) or individual variability or interval variability or rate variability or variability analysis or (uncertainty and (measurement or measuring)) or "standard error of measurement" or sensitiv* or responsive* or (limit and detection) or minimal detectable concentration or interpretab* or (((small or clinical* or minimal*) N6 (real or important or significant or detectable)) and (change* or difference*)) or ceiling effect or floor effect or item response model or IRT or Rasch or differential item functioning or DIF or computer adaptive testing or item bank or cross-cultural equivalence) (976,519)

- S119 (MH "Outcome Assessment") OR (MH "Psychometrics") OR (MH "Reproducibility of Results") OR (MH "Health Status Indicators") OR (MH "Discriminant Analysis") (161,560)
- S118 S84 OR S85 OR S86 OR S87 OR S88 OR S89 OR S90 OR S91 OR S92 OR S93 OR S94 OR S95 OR S96 OR S97 OR S98 OR S99 OR S100 OR S101 OR S102 OR S103 OR S104 OR S105 OR S106 OR S107 OR S108 OR S109 OR S110 OR S111 OR S112 OR S113 OR S114 OR S115 OR S116 OR S117 (111,834)
- S117 TI (Visual Analogue Scale* or VAS or VAS-FA or VAS FA) OR AB (Visual Analogue Scale* or VAS or VAS-FA or VAS FA) (34,205)
- S116 TI (Veterans RAND 12 item health survey* or VR-12 or VR12) OR AB (Veterans RAND 12 item health survey* or VR-12 or VR12) (168)
- S115 TI ((Toronto Extremity Salvage or TESS Lower Limb*) N2 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or

- index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*) OR AB ((Toronto Extremity Salvage or TESS Lower Limb*) N2 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) (127)
- S114 TI ((Limb Deformity N4 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or LD-SRS) OR AB ((Limb Deformity N4 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or LD-SRS) (36)
- S113 TI ((Tegner Activity N1 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or TAS) OR AB ((Tegner Activity N1 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or TAS) (1,884)
- S112 TI ((Stanmore Limb Reconstruction N1 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or SLRS) OR AB ((Stanmore Limb Reconstruction N1 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or SLRS) (567)
- S111 TI (Sickness Impact Profile or SIP) OR AB (Sickness Impact Profile or SIP) (1,451)
- S110 TI (sf-6D or sf6d or sf 6d or sf six or sfsix) OR AB (sf-6D or sf6d or sf 6d or sf six or sfsix) (697)
- S109 TI (short form six-dimension* or short form 6-dimension* or ((short form* or sf*) N3 (6 d or 6d or 6 dimension* or 6dimension* or 6 domain* or 6domain*))) OR AB (short form six-dimension* or short form 6-dimension* or ((short form* or sf*) N3 (6 d or 6d or 6 dimension* or 6dimension* or 6 domain* or 6domain*))) (208)
- S108 TI (sf-36 or sf36* or sf 36* or sf thirtysix or sf thirty six) OR AB (sf-36 or sf36* or sf 36* or sf thirtysix or sf thirty six) (10,986)
- S107 TI short form 36 health survey* OR AB short form 36 health survey* (915)
- S106 TI (sf-12 or sf12 or "sf 12" or sf twelve or sftwelve) OR AB (sf-12 or sf12 or "sf 12" or sf twelve or sftwelve) (3,111)
- S105 TI short form 12 health survey* OR AB short form 12 health survey* (188)
- S104 TI (short form* or shortform*) OR AB (short form* or shortform*) (21,372)
- S103 TI (EQ-5D-5L or eq-5d or eq5d or eq-5 or eq5 or euro qual or euroqual or euro qual5d or euroqual5d or euro qol or euroqol or euro qol5d or euroqol5d or euro quol or euroquol or euro quol5d or euroquol5d or eur qol or eurqol or eur qol5d or eur qol5d or eur?qul or eur?qul5d or euro* quality of life or european qol) OR AB (EQ-5D-5L or eq-5d or eq5d or eq-5 or eq5 or euro qual or euroqual or euro qual5d or euroqual5d or euro qol or euroqol or euro qol5d or euroqol5d or euro quol or euroquol or euro quol5d or euroquol5d or eur qol or eurqol or eur qol5d or eur qol5d or eur?qul or eur?qul5d or euro* quality of life or european qol) (7,383)

- S102 TI (euroqol five-dimension* or euroqol 5-dimension* or (euro* N3 (5 d or 5d or 5 dimension* or 5dimension* or 5 domain* or 5domain*))) OR AB (euroqol five-dimension* or euroqol 5-dimension* or (euro* N3 (5 d or 5d or 5 dimension* or 5dimension* or 5 domain* or 5domain*))) (1,376)
- S101 TI (((patient reported outcome* or patient-reported outcome*) and lower extremit*) or LIMB-Q or LIMBQ or PROMIS) OR AB (((patient reported outcome* or patient-reported outcome*) and lower extremit*) or LIMB-Q or LIMBQ or PROMIS) (2,317)
- S100 TI (Patient Health Questionnaire* or PHQ-9 or phq9) OR AB (Patient Health Questionnaire* or PHQ-9 or phq9) (6,678)
- S99 TI (Oxford Hip Score* or (OHS and hip*)) OR AB (Oxford Hip Score* or (OHS and hip*)) (628)
- S98 TI (((Olerund Molander Ankle or Olerund-Molander Ankle) N1 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classific* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or OMAS) OR AB (((Olerund Molander Ankle or Olerund-Molander Ankle) N1 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classific* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or OMAS) (259)
- S97 TI (Nottingham Health Profile or NHP) OR AB (Nottingham Health Profile or NHP) (893)
- S96 TI (Musculoskeletal Function Assessment* or MFA or SMFA) OR AB (Musculoskeletal Function Assessment* or MFA or SMFA) (522)
- S95 TI ((Maryland foot N1 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classific* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or MFS) OR AB ((Maryland foot N1 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classific* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or MFS)(930)
- S94 TI ((Lysholm N2 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classific* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or LKS) OR AB ((Lysholm N2 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classific* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or LKS) (2,203)
- S93 TI ((Lower Extremity Functional N1 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classific* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or LEFS) OR AB ((Lower Extremity Functional N1 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classific* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or LEFS) (756)
- S92 TI (((Knee Society or KS) N3 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classific* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or (knee* and KSS)) OR AB (((Knee Society or KS) N3 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classific* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or (knee* and KSS)) (2,336)

- S91 TI (((Knee injury and Osteoarthritis Outcome) or KOOS) N2 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) OR AB (((Knee injury and Osteoarthritis Outcome) or KOOS) N2 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) (2,019)
- S90 TI ((Frequency Intensity Time or FIT) N1 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) OR AB ((Frequency Intensity Time or FIT) N1 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) (10,303)
- S89 TI (Disability Rating Ind* or DRI) OR AB (Disability Rating Ind* or DRI) (1,066)
- S88 ((Disabilities or DASH) N8 (measur* or questionnaire* or survey*)) OR AB ((Disabilities or DASH) N8 (measur* or questionnaire* or survey*)) (16,047)
- S87 TI (Brief Pain Inventor* or BPI) OR AB (Brief Pain Inventor* or BPI) (1,712)
- S86 TI (((("Foot and Ankle" N4 (ability or disability)) and (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or FAAM or FADI) OR AB (((("Foot and Ankle" N4 (ability or disability)) and (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) or FAAM or FADI) (484)
- S85 TI ((American Academy of Orthop?edic Surgeons or AAOS) N3 (LLCS or scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) OR AB ((American Academy of Orthop?edic Surgeons or AAOS) N3 (LLCS or scor* or value* or scale* or calculat* or point or points or rate* or rating* or classif* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*)) (223)
- S84 (MH "Patient-Reported Outcomes") (6,355)
- S83 S81 OR S82 (47,066)
- S82 (((MH "Lower Extremity") OR (MH "Foot+") OR (MH "Knee") OR (MH "Leg") OR (MH "Thigh")) and (MH "Sarcoma+")) OR TI ((lower extremit* or lower limb* or leg or legs or thigh* or knee or knees or shin or shins or shinbone* or foot or midfoot or hindfoot or feet or ankle or ankles or anklebone* or pilon or heel or heels or heelbone* or toe or toes or femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap* or metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*)) N8 (sarcoma* or adenocarcinoma* or carcinosarcoma* or chondrosarcoma* or fibrosarcoma* or hemangiosarcoma* or histiocytoma* or leiomyosarcoma* or liposarcoma* or lymphangiosarcoma* or myosarcoma* or myxosarcoma* or osteosarcoma* or cancer* or neoplas* or malignan* or tumor*)) OR AB ((lower extremit* or lower limb* or leg or legs or thigh* or knee or knees or shin or shins or shinbone* or foot or midfoot or hindfoot or feet or ankle or ankles or anklebone* or pilon or heel or heels or heelbone* or toe or toes or femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap* or metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or

- navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*))
N8 (sarcoma* or adenosarcoma* or carcinosarcoma* or chondrosarcoma* or fibrosarcoma*
or hemangiosarcoma* or histiocytoma* or leiomyosarcoma* or liposarcoma* or
lymphangiosarcoma* or myosarcoma* or myxosarcoma* or osteosarcoma* or cancer* or
neoplas* or malignan* or tumor*)) (2,815)
- S81 S49 OR S56 OR S65 OR S80 (44,903)
- S80 S24 AND S79 (16,756)
- S79 S66 OR S67 OR S68 OR S69 OR S70 OR S71 OR S72 OR S73 OR S74 OR S75 OR S76 OR
S77 OR S78 (34,343)
- S78 TI TLHex OR AB TLHex (0)
- S77 TI True Lok Hex OR AB True Lok Hex (0)
- S76 TI TSF OR AB TSF (341)
- S75 TI Taylor Spatial Frame* OR AB Taylor Spatial Frame* (135)
- S74 TI (circular N2 (fixat* or frame* or cage*)) OR AB (circular N2 (fixat* or frame* or cage*))
(286)
- S73 TI (external N2 (fixat* or frame* or cage*)) OR AB (external N2 (fixat* or frame* or cage*))
(3,428)
- S72 TI Ilizarov OR AB Ilizarov (782)
- S71 (MH "Bone Lengthening") (995)
- S70 (MH "Fracture Fixation") (18,841)
- S69 (MH "Orthopedic Fixation Devices") (18,143)
- S68 (MH "External Fixators") (979)
- S67 TI ((limb or limbs) N3 (restor* or reconstruct* or salvag*)) OR AB ((limb or limbs) N3
(restor* or reconstruct* or salvag*)) (2,606)
- S66 (MH "Limb Salvage") (1,836)
- S65 S57 OR S58 OR S59 OR S60 OR S61 OR S62 OR S63 OR S64 (3,659)
- S64 TI ((metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or
cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or
trimalleol*) N3 (osteomyelitis or infect*)) OR AB ((metatarsal* or metatarsus or metatarsi or
tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or
astragalus or tali or bimalleol* or malleol* or trimalleol*) N3 (osteomyelitis or infect*)) (206)
- S63 TI ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*) N3
(osteomyelitis or infect*)) OR AB ((femur* or femoral or tibia* or fibula* or patella* or
kneecap* or knee cap*) N3 (osteomyelitis or infect*)) (716)
- S62 TI ((metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or
cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or
trimalleol*) N3 (malunion* or mal union* or deform*)) OR AB ((metatarsal* or metatarsus
or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or
calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) N3 (malunion*
or mal union* or deform*)) (310)

- S61 TI ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*) N3 (malunion* or mal union* or deform*)) OR AB ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*) N3 (malunion* or mal union* or deform*)) (956)
- S60 TI ((metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) N3 (union* or nonunion* or non union* or ununite*)) OR AB ((metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) N3 (union* or nonunion* or non union* or ununite*)) (132)
- S59 TI ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*) N3 (union* or nonunion* or non union* or ununite*)) OR AB ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*) N3 (union* or nonunion* or non union* or ununite*)) (973)
- S58 TI ((metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) N3 (heal or heals or healed or healing)) OR AB ((metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) N3 (heal or heals or healed or healing)) (80)
- S57 TI ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*) N3 (heal or heals or healed or healing)) OR AB ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*) N3 (heal or heals or healed or healing)) (609)
- S56 S24 AND S55 (8,030)
- S55 S50 OR S51 OR S52 OR S53 OR S54 (19,104)
- S54 (MH "Osteomyelitis") (4,401)
- S53 TI ((osteomyelitis or ((bone* or fractur*) N3 infect*)) OR AB ((osteomyelitis or ((bone* or fractur*) N3 infect*)) (7,899)
- S52 TI ((bone* or fractur*) N3 (malunion* or mal union* or deform*)) OR AB ((bone* or fractur*) N3 (malunion* or mal union* or deform*)) (1,505)
- S51 TI ((bone* or fractur*) N3 (union* or nonunion* or non union* or ununite*)) OR AB ((bone* or fractur*) N3 (union* or nonunion* or non union* or ununite*)) (3,788)
- S50 TI ((bone* or fractur*) N3 (heal or heals or healed or healing)) OR AB ((bone* or fractur*) N3 (heal or heals or healed or healing)) (6,509)
- S49 S8 OR S14 OR S26 OR S28 OR S43 OR S48 (35,250)
- S48 S24 AND S47 (3,970)
- S47 S44 OR S45 OR S46 (23,863)
- S46 TI ((complex* or complicat* or severe* or severity or serious or major or multiple) N2 (fractur* or trauma*)) OR AB ((complex* or complicat* or severe* or severity or serious or major or multiple) N2 (fractur* or trauma*)) (20,397)
- S45 TI (polytrauma* or poly-trauma* or multitrauma* or multi-trauma*) OR AB (polytrauma* or poly-trauma* or multitrauma* or multi-trauma*) (1,882)
- S44 (MH "Multiple Trauma") (3,610)
- S43 S24 AND S42 (6,456)

S42 S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37 OR S38 OR S39 OR S40 OR S41 (14,101)

S41 TI (crush* N2 (injur* or trauma* or fractur*)) OR AB (crush* N2 (injur* or trauma* or fractur*)) (806)

S40 (MH "Crush Injuries") (95)

S39 (MH "Fracture Healing") (5,085)

S38 (MH "Periprosthetic Fractures") (358)

S37 (MH "Fractures, Ununited+") (2,599)

S36 (MH "Fractures, Stress") (1,929)

S35 (MH "Fractures, Open") (1,358)

S34 (MH "Fractures, Malunited") (715)

S33 (MH "Fractures, Compression") (1,255)

S32 (MH "Fractures, Comminuted") (974)

S31 (MH "Fractures, Closed") (612)

S30 (MH "Avulsion Fractures") (304)

S29 (MH "Fracture Dislocation") (144)

S28 S19 AND S27 (13,656)

S27 TI (fractur* or trauma*) OR AB (fractur* or trauma*) (221,557)

S26 S24 AND S25 (5,743)

S25 (MH "Fractures") (21,609)

S24 S19 OR S20 OR S21 OR S22 OR S23 (274,401)

S23 TI (metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) OR AB (metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) (13,608)

S22 TI (femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee N1 cap*) OR AB (femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee N1 cap*) (73,914)

S21 TI (leg or legs or thigh* or knee or knees or shin or shins or shinbone* or foot or midfoot or hindfoot or feet or ankle or ankles or anklebone* or pilon or heel or heels or heelbone* or toe or toes) OR AB (leg or legs or thigh* or knee or knees or shin or shins or shinbone* or foot or midfoot or hindfoot or feet or ankle or ankles or anklebone* or pilon or heel or heels or heelbone* or toe or toes) (182,572)

S20 TI (lower N1 extremit* or lower N1 limb*) OR AB (lower N1 extremit* or lower N1 limb*) (40,657)

S19 S15 OR S16 OR S17 OR S18 (95,165)

S18 (MH "Foot Bones+") (6,628)

S17 (MH "Leg Bones+") (25,611)

- S16 (MH "Leg Injuries") OR (MH "Ankle Injuries") OR (MH "Foot Injuries") OR (MH "Toe Injuries") OR (MH "Knee Injuries") (13,440)
- S15 (MH "Lower Extremity") OR (MH "Foot+") OR (MH "Knee") OR (MH "Leg") OR (MH "Thigh") (56,955)
- S14 S9 OR S10 OR S11 OR S12 OR S13 (23,465)
- S13 TI ((Pott* or Cotton*) N1 fractur*) OR AB ((Pott* or Cotton*) N1 fractur*) (4)
- S12 TI ((fractur* or trauma*) N3 (metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*)) OR AB ((fractur* or trauma*) N3 (metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*)) (3,082)
- S11 TI ((fractur* or trauma*) N3 (femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee N1 cap*)) OR AB ((fractur* or trauma*) N3 (femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee N1 cap*)) (15,317)
- S10 TI ((fractur* or trauma*) N3 (leg or legs or thigh* or knee or knees or shin or shins or shinbone* or foot or midfoot or hindfoot or feet or ankle or ankles or anklebone* or pilon or heel or heels or heelbone* or toe or toes)) OR AB ((fractur* or trauma*) N3 (leg or legs or thigh* or knee or knees or shin or shins or shinbone* or foot or midfoot or hindfoot or feet or ankle or ankles or anklebone* or pilon or heel or heels or heelbone* or toe or toes)) (5,937)
- S9 TI ((fractur* or trauma*) N3 (lower extremit* or lower limb*)) OR AB ((fractur* or trauma*) N3 (lower extremit* or lower limb*)) (1,869)
- S8 S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 (13,755)
- S7 (MH "Fibula Fractures") (300)
- S6 (MH "Metatarsal Fractures+") (390)
- S5 (MH "Foot Fractures+") (1,339)
- S4 (MH "Knee Fractures+") (546)
- S3 (MH "Tibial Fractures+") (4,800)
- S2 (MH "Femoral Fractures") (5,649)
- S1 (MH "Ankle Fractures") (2,372)

Key:

MH = indexing term (MeSH)

MH and + = exploded indexing term (MeSH)

* = truncation

? = wildcard

TI = terms in the title

AB = terms in the abstract

N3 = terms within three words of each other (any order)

Cochrane Central Register of Controlled Trials (CENTRAL)

via Wiley <http://onlinelibrary.wiley.com/>

Date searched: 29 September 2023

Issue 8 of 12, August 2023

Records retrieved: 1986

- #1 [mh ^"Ankle Fractures"] 251
- #2 [mh ^"Femoral Fractures"] 420
- #3 [mh ^"Tibial Fractures"] 470
- #4 {OR #1-#3} 1086
- #5 ((fractur* or trauma*) NEAR/3 (lower NEXT extremit* or lower NEXT limb*)):ti,ab 577
- #6 ((fractur* or trauma*) NEAR/3 (leg or legs or thigh* or knee or knees or shin or shins or shinbone* or foot or midfoot or hindfoot or feet or ankle or ankles or anklebone* or pilon or heel or heels or heelbone* or toe or toes)):ti,ab 1420
- #7 ((fractur* or trauma*) NEAR/3 (femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*)):ti,ab 4405
- #8 ((fractur* or trauma*) NEAR/3 (metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*)):ti,ab 458
- #9 ((Pott* or Cotton*) NEAR/1 fractur*):ti,ab 2
- #10 {OR #5-#9} 6082
- #11 ([mh ^"lower extremity"] or [mh ^foot] or [mh ^knee] or [mh ^leg] or [mh ^thigh]) 8850
- #12 ([mh ^"leg injuries"] or [mh ^"ankle injuries"] or [mh ^"foot injuries"] or [mh ^"knee injuries"]) 1994
- #13 [mh "Leg Bones"] 1399
- #14 [mh "Foot Bones"] 364
- #15 {OR #11-#14} 12146
- #16 (lower NEXT extremit* or lower NEXT limb*):ti,ab 20686
- #17 (leg or legs or thigh* or knee or knees or shin or shins or shinbone* or foot or midfoot or hindfoot or feet or ankle or ankles or anklebone* or pilon or heel or heels or heelbone* or toe or toes):ti,ab 82100
- #18 (femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee NEXT cap*):ti,ab 24700
- #19 (metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*):ti,ab 2892

#20 {OR #15-#19} 110944

#21 [mh ^"Fractures, Bone"]2938

#22 #20 and #21 1040

#23 (fractur* or trauma*):ti,ab 52943

#24 #15 and #23 1047

#25 [mh "Fracture Dislocation"] 137

#26 [mh ^"Fractures, Avulsion"] 13

#27 [mh ^"Fractures, Closed"] 153

#28 [mh ^"Fractures, Compression"]243

#29 [mh ^"Fractures, Malunited"] 47

#30 [mh ^"Fractures, Multiple"] 23

#31 [mh ^"Fractures, Open"] 174

#32 [mh ^"Fractures, Stress"] 141

#33 [mh "Fractures, Ununited"] 214

#34 [mh ^"Intra-Articular Fractures"] 77

#35 [mh ^"Periprosthetic Fractures"]31

#36 [mh ^"Fracture Healing"] 761

#37 [mh ^"Crush Injuries"] 48

#38 (crush* NEAR/2 (injur* or trauma* or fractur*)):ti,ab 123

#39 [mh ^"Fractures, Comminuted"] 73

#40 {OR #25-#39} 1984

#41 #20 and #40 747

#42 [mh "Multiple Trauma"]317

#43 (polytrauma* or poly NEXT trauma* or multitrauma* or multi NEXT trauma*):ti,ab 295

#44 ((complex* or complicat* or severe* or severity or serious or major or multiple) NEAR/2 (fractur* or trauma*)):ti,ab 3986

#45 {OR #42-#44} 4370

#46 #20 and #45 739

#47 #4 or #10 or #22 or #24 or #41 or #46 7427

#48 ((bone* or fractur*) NEAR/3 (heal or heals or healed or healing)):ti,ab 2017

#49 ((bone* or fractur*) NEAR/3 (union* or nonunion* or non NEXT union* or ununite*)):ti,ab 736

#50 ((bone* or fractur*) NEAR/3 (malunion* or mal NEXT union* or deform*)):ti,ab 279

#51 (osteomyelitis or ((bone* or fractur*) NEAR/3 infect*)):ti,ab 1149

#52 [mh "Osteomyelitis"] 207

#53 {OR #48-#52} 3832

#54 #20 and #53 1449

#55 ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee cap*) NEAR/3 (heal or heals or healed or healing)):ti,ab 315

#56 ((metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) NEAR/3 (heal or heals or healed or healing)):ti,ab 9

#57 ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee NEXT cap*) NEAR/3 (union* or nonunion* or non NEXT union* or ununite*)):ti,ab 143

#58 ((metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) NEAR/3 (union* or nonunion* or non NEXT union* or ununite*)):ti,ab 8

#59 ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee NEXT cap*) NEAR/3 (malunion* or mal NEXT union* or deform*)):ti,ab 54

#60 ((metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) NEAR/3 (malunion* or mal NEXT union* or deform*)):ti,ab 13

#61 ((femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee NEXT cap*) NEAR/3 (osteomyelitis or infect*)):ti,ab 64

#62 ((metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) NEAR/3 (osteomyelitis or infect*)):ti,ab 4

#63 {OR #55-#62} 584

#64 [mh ^"Limb Salvage"] 159

#65 ((limb or limbs) NEAR/3 (restor* or reconstruct* or salvag*)):ti,ab 503

#66 [mh ^"Ilizarov Technique"] 26

#67 [mh ^"External Fixators"] 185

#68 [mh ^"Orthopedic Fixation Devices"] 76

#69 [mh ^"Fracture Fixation"] 585

#70 [mh ^"Bone Lengthening"] 15

#71 Ilizarov:ti,ab 68

#72 (external NEAR/2 (fixat* or frame* or cage*)):ti,ab 719

#73 (circular NEAR/2 (fixat* or frame* or cage*)):ti,ab 23

#74 "Taylor Spatial" NEXT Frame*:ti,ab 4

#75 TSF:ti,ab 212

#76 "True Lok Hex":ti,ab 0

#77 TLHex:ti,ab 0

#78 {OR #64-#77} 2084

#79 #20 and #78 912

#80 #47 or #54 or #63 or #79 8757

#81 (([mh ^"lower extremity"] or [mh ^foot] or [mh ^knee] or [mh ^leg] or [mh ^thigh]) and [mh sarcoma]) 18

#82 ((lower NEXT extremit* or lower NEXT limb* or leg or legs or thigh* or knee or knees or shin or shins or shinbone* or foot or midfoot or hindfoot or feet or ankle or ankles or anklebone* or pilon or heel or heels or heelbone* or toe or toes or femur* or femoral or tibia* or fibula* or patella* or kneecap* or knee NEXT cap* or metatarsal* or metatarsus or metatarsi or tarsus or tarsi or tarsal or tarsals or cuneiform or cuboid or navicular or calcane* or talus or astragalus or tali or bimalleol* or malleol* or trimalleol*) NEAR/8 (sarcoma* or adenosarcoma* or carcinosarcoma* or chondrosarcoma* or fibrosarcoma* or hemangiosarcoma* or histiocytoma* or leiomyosarcoma* or liposarcoma* or lymphangiosarcoma* or myosarcoma* or myxosarcoma* or osteosarcoma* or cancer* or neoplas* or malignan* or tumo*r*)):ti,ab 594

#83 #80 OR #81 OR #82 9289

#84 [mh ^"Patient Reported Outcome Measures"] 1368

#85 ("patient reported"):ti,ab19263

#86 (scor* or value* or scale* or calculat* or point or points or rate* or rating* or classific* or quantif* or measur* or grade* or index or indices or instrument or instruments or tool* or model* or framework* or questionnaire* or survey*):ti,ab 1280006

#87 ("American Academy of Orthopedic Surgeons" or "American Academy of Orthopaedic Surgeons" or AAOS or LLCS):ti,ab 102

#88 (FAAM or FADI or "Brief Pain Inventory" or BPI or DASH or DRI or "Frequency Intensity Time" or FIT or "Knee injury and Osteoarthritis Outcome" or KOOS or "Knee Society" or KS or LEFS or Lysholm or LKS or Maryland or MFS or "Musculoskeletal Function Assessment" or MFA or SMFA or "Nottingham Health Profile" or NHP or Olerund or OMAS or OHS or "Sickness Impact Profile" or SIP or "Stanmore Limb Reconstruction" or SLRS or "Tegner Activity" or TAS or "Limb Deformity" or "LD SRS" or LDSRS or "Toronto Extremity Salvage" or "TESS Lower" or Veterans or "VR 12" or VR12 or "Visual Analogue" or VAS or "VAS FA" or "LIMB Q" or LIMBQ or PROMIS):ti,ab 114219

#89 (PHQ or euroqol or euro* or EQ or "EQ5D" or short NEXT form* or shortform* or SF or "SF12" or SF36 or "SF6D"):ti,ab 84204

#90 {OR #84-#89} 1302885

#91 #83 and #90 6948

#92 ([mh ^methods] or [mh ^"outcome assessment, health care"] or [mh psychometrics] or [mh "observer variation"] or [mh "reproducibility of results"] or [mh "discriminant analysis"] or [mh ^"health status indicators"])29867

#93 instrumentation:ti,ab or homogeneity:ti,ab or outcome NEXT assessment:ti,ab or outcome NEXT measure*:ti,ab or reproducib*:ti,ab or psychometr*:ti,ab or clinimetr*:ti,ab or clinometr*:ti,ab or observer NEXT variation:ti,ab or reliab*:ti,ab or valid*:ti,ab or coefficient:ti,ab or internal NEXT consistency:ti,ab or (cronbach* and (alpha or alphas)):ti,ab or item NEXT correlation:ti,ab or item NEXT correlations:ti,ab or item NEXT selection:ti,ab or item NEXT selections:ti,ab or item NEXT reduction:ti,ab or item NEXT reductions:ti,ab or agreement:ti,ab or precision:ti,ab or imprecision:ti,ab or precise NEXT values:ti,ab or test

NEXT retest:ti,ab or (test and retest):ti,ab or ((reliab* or unreliab*) and (test or retest)):ti,ab or stability:ti,ab or interrater:ti,ab or inter NEXT rater:ti,ab or intrarater:ti,ab or intra NEXT rater:ti,ab or intertester:ti,ab or inter NEXT tester:ti,ab or intratester:ti,ab or intra NEXT tester:ti,ab or interobserver:ti,ab or inter NEXT observer:ti,ab or intraobserver:ti,ab or intra NEXT observer:ti,ab or intertechnician:ti,ab or inter NEXT technician:ti,ab or intratechnician:ti,ab or intra NEXT technician:ti,ab or interexaminer:ti,ab or inter NEXT examiner:ti,ab or intraexaminer:ti,ab or intra NEXT examiner:ti,ab or interassay:ti,ab or inter NEXT assay:ti,ab or intraassay:ti,ab or intra NEXT assay:ti,ab or interindividual:ti,ab or inter NEXT individual:ti,ab or intraindividual:ti,ab or intra NEXT individual:ti,ab or interparticipant:ti,ab or inter NEXT participant:ti,ab or intraparticipant:ti,ab or intra NEXT participant:ti,ab or kappa*:ti,ab or "coefficient of variation":ti,ab or repeatab*:ti,ab or ((replicab* or repeated) and (measure or measures or findings or result or results or test or tests)):ti,ab or generaliza*:ti,ab or generalisa*:ti,ab or concordance:ti,ab or (intraclass and correlation*):ti,ab or discriminative:ti,ab or known NEXT group:ti,ab or factor NEXT analysis:ti,ab or factor NEXT analyses:ti,ab or factor NEXT structure:ti,ab or factor NEXT structures:ti,ab or dimensionality:ti,ab or subscale*:ti,ab or "multitrait scaling analysis":ti,ab or "multitrait scaling analyses":ti,ab or "item discriminant or interscale correlation":ti,ab or interscale NEXT correlations:ti,ab or ((error or errors) and (measure* or correlat* or evaluat* or accuracy or accurate or precision or mean)):ti,ab or individual NEXT variability:ti,ab or interval NEXT variability:ti,ab or rate NEXT variability:ti,ab or variability NEXT analysis:ti,ab or (uncertainty and (measurement or measuring)):ti,ab or "standard error of measurement":ti,ab or sensitiv*:ti,ab or responsive*:ti,ab or (limit and detection):ti,ab or "minimal detectable concentration":ti,ab or interpretab*:ti,ab or (((small or clinical* or minimal*) NEAR/6 (real or important or significant or detectable)) and (change* or difference*)):ti,ab or ceiling NEXT effect:ti,ab or floor NEXT effect:ti,ab or "item response model":ti,ab or IRT:ti,ab or Rasch:ti,ab or "differential item functioning":ti,ab or DIF:ti,ab or "computer adaptive testing":ti,ab or item NEXT bank:ti,ab or cross NEXT "cultural equivalence":ti,ab 391436

#94 #92 or #93 404444

#95 #91 and #94 in Trials 1986

Key:

mh = exploded indexing term (MeSH)

mh ^ = unexploded indexing term (MeSH)

* = truncation

ti,ab = terms in either title or abstract fields

near/3 = terms within three words of each other (any order)

next = terms are next to each other

ClinicalTrials.gov

via <https://clinicaltrials.gov/>

Date searched: 29 September 2023

Records retrieved: 154

Advanced search screen used. 3 separate searches were used, retrieving 154 records in total, which were imported into EndNote 20 and deduplicated.

Other terms: (lower extremity* OR lower limb* OR leg OR legs OR thigh* OR knee OR knees OR shin OR shins OR shinbone* OR foot OR midfoot OR hindfoot OR feet OR ankle OR ankles OR anklebone* OR pilon OR heel OR heels OR heelbone*) AND (patient reported or PROM) = 109

Other terms: (toe OR toes OR femur* OR femoral OR tibia* OR fibula* OR patella* OR kneecap* OR knee cap* OR metatarsal* OR metatarsus OR metatarsi OR tarsus OR tarsi OR tarsal OR tarsals OR cuneiform) AND (patient reported or PROM) = 43

Other terms: (cuboid OR navicular OR calcane* OR talus OR astragalus OR tali OR bimalleol* OR malleol* OR trimalleol*) AND (patient reported or PROM) = 2

Key:

* = truncation

WHO ICTRP

via <https://trialsearch.who.int/AdvSearch.aspx>

Date searched: 29 September 2023

Records retrieved: 57

Advanced search screen used. 2 separate searches were used, retrieving 57 records in total, which were imported into EndNote 20 and deduplicated.

Title: (patient reported outcome* or PROM or PROMS)

Condition: (lower extremity* OR lower limb* OR leg OR legs OR thigh* OR knee OR knees OR shin OR shins OR shinbone* OR foot OR midfoot OR hindfoot OR feet OR ankle OR ankles OR anklebone* OR pilon OR heel OR heels OR heelbone*) = 54

Recruitment Status: ALL

Title: (patient reported outcome* or PROM or PROMS)

Condition: (toe OR toes OR femur* OR femoral OR tibia* OR fibula* OR patella* OR kneecap* OR knee cap* OR metatarsal* OR metatarsus OR metatarsi OR tarsus OR tarsi OR tarsal OR tarsals OR cuneiform OR cuboid OR navicular OR calcane* OR talus OR astragalus OR tali OR bimalleol* OR malleol* OR trimalleol*) = 3

Recruitment Status: ALL

Key:

* = truncation