**Appendix 1.** Search criteria

#1 Upper extremity anatomical terms

"upper extremity disability"[tw] OR "upper extremity disabilities"[tw] OR "arm disabilities" OR "arm disability"[tw] OR "upper limb disabilities"[tw] OR "upper limb disability"[tw] OR "shoulder disabilities"[tw] OR "shoulder disability"[tw] OR "elbow disability"[tw] OR "forearm disabilities"[tw] OR "forearm disability"[tw] OR "hand disabilities"[tw] OR "hand disability"[tw] OR "wrist disability"[tw] OR "finger disability"[tw] OR (("Upper Extremity"[majr] OR "arm"[ti] OR "upper extremity"[ti] OR "upper extremities"[ti] OR "upper limb"[ti] OR "upper limbs"[ti] OR clavicul\*[ti] OR subclavicul\*[ti] OR scapul\*[ti] OR "brachial plexus"[ti] OR brachial\*[ti] OR "rotator cuff"[ti] OR "shoulder"[ti] OR "shoulders"[ti] OR "acromion"[ti] OR Coraco\*[ti] OR "subacromial"[ti] OR "subdeltoid"[ti] OR "supraspinatus"[ti] OR "infraspinatus"[ti] OR subscapular\*[ti] OR "teres minor"[ti] OR "tuberosity"[ti] OR "acromioclavicular"[ti] OR "scapulothoracic"[ti] OR pectoral\*[ti] OR "Suprascapular"[ti] OR coracoclavicula\*[ti] OR "ACJ"[ti] OR "CCJ"[ti] OR glenoid\*[ti] OR "glenohumeral"[ti] OR "upper arm"[ti] OR "Latissimus dorsi"[ti] OR "thoracodorsal"[ti] OR humer\*[ti] OR "biceps"[ti] OR Bicipit\*[ti] OR "triceps"[ti] OR "deltoid"[ti] OR "axillary nerve"[ti] OR "elbow"[ti] OR "Elbows"[ti] OR "olecranon"[ti] OR epicond\*[ti] OR "coronoid"[ti] OR "forearm"[ti] OR "forearms"[ti] OR "Extensor Carpi"[ti] OR "Flexor Carpi"[ti] OR Extensor digit\*[ti] OR Flexor digit\*[ti] OR "Extensor pollicis"[ti] OR "Flexor pollicis"[ti] OR "Extensor retinaculum"[ti] OR "Flexor retinaculum"[ti] OR "Abductor pollicis"[ti] OR "Adductor pollicis"[ti] OR "anconeus"[ti] OR "Pronator"[ti] OR "Supinator"[ti] OR "median nerve"[ti] OR "ulnar nerve"[ti] OR "radial nerve"[ti] OR "Musculocutaneous"[ti] OR "radius"[ti] OR ulna\*[ti] OR "radio-ulnar"[ti] OR ("hand"[ti] NOT "other hand"[ti]) OR "hands"[ti] OR "wrist"[ti] OR "wrists"[ti] OR "TFCC"[ti] OR triangul\*[ti] OR carp\*[ti] OR scaph\*[ti] OR "lunatum"[ti] OR triquet\*[ti] OR "pisiform"[ti] OR trapez\*[ti] OR "capitatum"[ti] OR capitolu\*[ti] OR "hamate"[ti] OR palmari\*[ti] OR "Opponens pollicis"[ti] OR "finger"[ti] OR "fingers"[ti] OR metacarp\*[ti] OR lumbrical-interosse\*[ti] OR interphalan\*[ti] OR phalan\*[ti] OR "digit"[ti] OR "digits"[ti] OR "digitorum"[ti] OR "thumb"[ti] OR "thumbs"[ti] OR "fingertip"[ti] OR "nailbed"[ti] OR "subungual"[ti])

AND

#2 Outcome Measurement terms

("Disabled Persons"[majr:noexp] OR "disabled"[ti] OR "Disability Evaluation"[majr:noexp] OR "disability"[ti] OR "disabilities"[ti] OR Disab\*[ti] OR "DASH"[tw] OR "QuickDash"[tw] OR "Quick-DASH"[tw] OR "MFA"[tw] OR "SMFA"[tw] OR musculoskeletal function\*[tw] OR "SF 12"[tw] OR "SF 36"[tw] OR "EuroQol"[tw] OR "EQ 5D"[tw] OR "NHP"[tw] OR "Nottingham Health Profile"[tw] OR "QWB"[tw] OR "quality of well being"[tw] OR "quality of wellbeing scale"[tw] OR "OSS"[tw] OR "Oxford Shoulder Score"[tw] OR "SIP"[tw] OR "Sickness Impact Profile"[tw] OR "OES"[tw] OR "Oxford Elbow Score"[tw] OR "ASES"[tw] OR American Shoulder Elbow\*[tw] OR Oxford Instability\*[tw] OR "OSIS"[tw] OR "WOOS"[tw] OR "western ontario osteoarthritis"[tw] OR "WOSI"[tw] OR "Western Ontario Shoulder Instability Index"[tw] OR "PRWE"[tw] OR "Patient Reported Wrist Evaluation"[tw] OR "Michigan Hand Outcome"[tw] OR "MHQ"[tw] OR "PROMIS Physical Function"[tw] OR "shoulder pain and disability index"[tw] OR "shoulder pain and disability scale"[tw] OR "SPADI"[tw] OR "Dutch Shoulder Disability Questionnaire"[tw] OR "SDQ-NL"[tw] OR "Rowe Shoulder Score"[tw] OR "Shoulder Function Assessment Scale"[tw] OR "SFA"[tw] OR "UCLA Shoulder"[tw] OR "shoulder disability questionnaire"[tw] OR "shoulder disability questionnaires"[tw] OR "SDQ-UK"[tw] OR "Elbow Functional Assessment"[tw] OR "EFA"[tw] OR "Patient-rated Elbow Evaluation"[tw] OR "PREE"[tw] OR "Upper Extremity Functional Scale"[tw] OR "Hand Function Score"[tw] OR "Boston Questionnaire"[tw] OR ("Wrist"[tw] AND "Outcome Measure"[tw]) OR "WOM"[tw])))

AND

#3 Other impairment, psychological, social and symptomatic terms

("Psychological"[tw] OR "psychosocial"[tw] OR psycho-social\*[tw] OR "Sociological Factors"[Mesh] OR "Sociology"[mesh] OR "psychology"[subheading] OR "Psychology"[mesh] OR Depress\*[tw] OR "Coping"[tw] OR Catastrophi\*[tw] OR "Self Efficacy"[tw] OR Neuroti\* [tw] OR Inflexib\*[tw] OR "PROMIS Pain Interference"[tw] OR "Pain"[mesh] OR "pain"[tw] OR Predict\*[tw] OR "Kinesiophobia"[tw] OR Distress\*[tw] OR "Mental"[tw] OR "ROM"[tw] OR "Range of Motion"[tw] OR "motion"[tw] OR "sensory"[tw] OR "sensation"[tw] OR "power"[tw] OR weak\*[tw] OR grade\*[tw] OR "radiograph"[tw] OR "xray"[tw] OR "x-ray"[tw] OR roentgen\*[tw] OR "Radiography"[Mesh] OR "radiography"[Subheading] OR stiff\*[tw] OR "Anxiety"[tw] OR "Injury severity"[tw] OR Work\*[tw] OR social\*[tw] OR "societal"[tw] OR socio\*[tw] OR econom\*[tw] OR "Economics"[mesh] OR "economics"[subheading] OR occupa\*[tw] OR workers comp\*[tw] OR "work"[mesh])

AND

("2000/01/01"[PDAT] : "3000/12/31"[PDAT]) NOT ("Animals"[mesh] NOT "Humans"[mesh]) NOT (("Child"[mesh] OR "Infant"[mesh]) NOT ("Adolescent"[mesh] OR "Adult"[mesh])) NOT (("Case Reports"[publication type] OR "case report"[ti] OR systematic[sb] OR "Review"[publication type]) NOT ("Clinical Conference"[publication type] OR "Clinical Trial"[publication type] OR "Comparative Study"[publication type] OR "Evaluation Studies"[publication type] OR "Multicenter Study"[publication type] OR "Scientific Integrity Review"[publication type] OR "Twin Study"[publication type] OR "Validation Studies"[publication type])) AND english[la])