

## Appendix

### Search Strategy:

((orthopedic surgical procedures) OR (surgical procedures AND musculoskeletal system))

AND

(randomized controlled trials)

AND

(top ten general medical and orthopedic journals)

AND

Filters: Publication date from 2010/01/01 to 2014/12/31

Orthopedic surgical procedures	(orthopedics [MeSH] OR orthopedic procedures [MeSH] OR orthopaedic [tiab] OR orthopedics [tiab] OR orthopaedics [tiab] OR orthopedic [tiab] OR ((bone [tiab] OR bones [tiab] OR bony [tiab]) AND (transplant [tiab] OR transplantation [tiab] OR transplantations [tiab] OR graft [tiab] OR grafting [tiab] OR graftings [tiab]))) OR ((bone [tiab] OR bones [tiab]) AND lengthening [tiab] OR lengthenings [tiab])) OR ((capsule [tiab] OR capsular [tiab]) OR contracture [tiab]) AND release [tiab]) OR ((fixators [tiab] OR fixation [tiab] OR fixator [tiab]) AND (external [tiab] OR internal [tiab] OR intramedullary [tiab])) OR ((fracture [tiab] OR fractures [tiab] OR fractured [tiab]) AND (fixation [tiab] OR fixations [tiab] OR treatment [tiab] OR treated [tiab] OR treatments [tiab])) OR ((osteogeneses [tiab] OR osteogenesis [tiab]) AND distraction [tiab])) OR ((replacement [tiab] OR replacements [tiab]) AND joint [tiab] OR prosthesis [tiab] OR hip [tiab] OR knee [tiab] OR ankle [tiab] OR elbow [tiab] OR finger [tiab])) OR (heel-cord [tiab] AND (release [tiab] OR releases [tiab])) OR (limb [tiab] AND salvage [tiab]) OR (tendon [tiab] AND (release [tiab] OR releases [tiab] OR lengthening [tiab] OR lengthenings [tiab])) OR (tendon [tiab] AND (transfer [tiab] OR transfers [tiab])) OR acetabuloplasties [tiab] OR acetabuloplasty [tiab] OR amputation [tiab] OR amputations [tiab] OR arthrodesis [tiab] OR arthroplasties [tiab] OR arthroplasty [tiab] OR arthroscopic [tiab] OR arthroscopical [tiab] OR arthroscopically [tiab] OR arthroscopies [tiab] OR arthroscopy [tiab] OR callostases [tiab] OR callotasis [tiab] OR cementoplasties [tiab] OR cementoplasty [tiab] OR disarticulation [tiab] OR disarticularizations [tiab] OR discectomies [tiab] OR disectomy [tiab] OR diskectomies [tiab] OR diskectomy [tiab] OR hemiarthroplasties [tiab] OR hemiarthroplasty [tiab] OR hemipelvectomies [tiab] OR hemipelvectomy [tiab] OR ilizarov [tiab] OR ((intramedullary [tiab] OR intramedullary [tiab]) AND (nailing [tiab] OR nailings [tiab]))) OR kyphoplasty [tiab] OR meniscectomies [tiab] OR meniscectomy [tiab] OR mosaicplasty [tiab] OR osteoplasties [tiab] OR osteoplasty [tiab] OR osteosynthesis [tiab] OR osteotomies [tiab] OR osteotomy [tiab] OR prostheses [tiab] OR prosthesis [tiab] OR spinal fusion [tiab] OR spinal fusions [tiab] OR spondylodeses [tiab] OR spondylodesis [tiab] OR spondylosyndeses [tiab] OR spondylosyndesis [tiab] OR tenodesis [tiab] OR tenotomies [tiab] OR tenotomy [tiab] OR traction [tiab] OR tractions [tiab] OR vertebroplasties [tiab] OR vertebroplasty [tiab]))
Surgical procedures	(surgical procedures, operative [MeSH] OR operative [tiab] OR surgery [tiab] OR surgical [tiab] OR surgeries [tiab] OR surgically [tiab] OR operatively [tiab]))

Musculoskeletal system	(musculoskeletal system [MeSH] OR acetabula [tiab] OR acetabular [tiab] OR acetabulas [tiab] OR acetabulum [tiab] OR acetabulums [tiab] OR achilles [tiab] OR acl [tiab] OR acromioclavicular [tiab] OR acromion [tiab] OR acromions [tiab] OR ankle [tiab] OR ankles [tiab] OR arm [tiab] OR arms [tiab] OR atlantoaxial [tiab] OR atlanto-axial [tiab] OR atlanto-occipital [tiab] OR atlas [tiab] OR atloido-occipital [tiab] OR axis [tiab] OR bone [tiab] OR bones [tiab] OR bony [tiab] OR bursa [tiab] OR bursas [tiab] OR calcaneal [tiab] OR calcaneus [tiab] OR capitate [tiab] OR capitatum [tiab] OR capsula [tiab] OR capsular [tiab] OR capsule [tiab] OR capsules [tiab] OR carpal [tiab] OR carpo [tiab] OR carpo-metacarpal [tiab] OR carpometacarpal [tiab] OR cartilage [tiab] OR cartilages [tiab] OR cervical [tiab] OR cervically [tiab] OR clavicle [tiab] OR clavicles [tiab] OR clavicular [tiab] OR coccyx [tiab] OR cotoyloid [tiab] OR coxa [tiab] OR coxas [tiab] OR cuboid [tiab] OR cuneiform [tiab] OR dens axis [tiab] OR diaphyses [tiab] OR diaphysis [tiab] OR elbow [tiab] OR elbows [tiab] OR epiphyseal [tiab] OR epiphyses [tiab] OR epiphysis [tiab] OR extremities [tiab] OR extremity [tiab] OR fascia [tiab] OR fascias [tiab] OR feet [tiab] OR femoral [tiab] OR femoropatellar [tiab] OR femoro-patellar [tiab] OR femur [tiab] OR fibrocartilage [tiab] OR fibrocartilages [tiab] OR fibula [tiab] OR fibular [tiab] OR fibulas [tiab] OR finger [tiab] OR fingers [tiab] OR foot [tiab] OR genu [tiab] OR genus [tiab] OR glenohumeral [tiab] OR gleno-humeral [tiab] OR glenoid [tiab] OR glenoidal [tiab] OR growth plate
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COMPARISON OF REGISTERED AND PUBLISHED PRIMARY OUTCOMES IN RANDOMIZED  
CONTROLLED TRIALS OF ORTHOPEDIC SURGICAL INTERVENTIONS

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[tiab] OR growth plates [tiab] OR hamate [tiab] OR hamatum [tiab] OR hand [tiab] OR hands [tiab] OR hip [tiab] OR hips [tiab] OR humeral [tiab] OR humerus [tiab] OR hyoid [tiab] OR ilium [tiab] OR iliums [tiab] OR intertarsal [tiab] OR intertarsales [tiab] OR intertarseae [tiab] OR intervertebral [tiab] OR intervertebral [tiab] OR ischial [tiab] OR ischium [tiab] OR ischiuns [tiab] OR joint [tiab] OR joints [tiab] OR knee [tiab] OR knees [tiab] OR leg [tiab] OR legs [tiab] OR ligament [tiab] OR ligamental [tiab] OR ligaments [tiab] OR ligamentum [tiab] OR limb [tiab] OR limbs [tiab] OR lumbar [tiab] OR lunate [tiab] OR lunatum [tiab] OR meniscal [tiab] OR menisci [tiab] OR meniscus [tiab] OR metacarpal [tiab] OR metacarpals [tiab] OR metacarpophalangeal [tiab] OR metatarsal [tiab] OR metatarsals [tiab] OR metatarsophalangeal [tiab] OR muscle [tiab] OR muscles [tiab] OR muscular [tiab] OR navicular [tiab] OR naviculare [tiab] OR neck [tiab] OR odontoid [tiab] OR olecranon [tiab] OR olecranons [tiab] OR os [tiab] OR palmar plate [tiab] OR palmar plates [tiab] OR patella [tiab] OR patellar [tiab] OR patellas [tiab] OR patello-femoral [tiab] OR patellofemoral [tiab] OR phalanges [tiab] OR pisiform [tiab] OR pisiforme [tiab] OR pubic bone [tiab] OR pubic symphyses [tiab] OR pubic symphysis [tiab] OR radius [tiab] OR rotator cuff [tiab] OR rotator cuffs [tiab] OR sacroiliac [tiab] OR sacrum [tiab] OR scaphoid [tiab] OR scaphoideum [tiab] OR scapula [tiab] OR scapulae [tiab] OR scapular [tiab] OR semilunar cartilage [tiab] OR semilunar cartilages [tiab] OR sesamoid [tiab] OR sesamoids [tiab] OR shoulder [tiab] OR shoulders [tiab] OR skeleton [tiab] OR skeletons [tiab] OR spinal [tiab] OR spinal canal [tiab] OR spine [tiab] OR sternoclavicular [tiab] OR sternocostal [tiab] OR subtalar [tiab] OR synovial [tiab] OR synovialis [tiab] OR synovium [tiab] OR talocalcaneal [tiab] OR tarsal [tiab] OR tarsus [tiab] OR thoracic [tiab] OR tibia [tiab] OR tibial [tiab] OR tibias [tiab] OR tibiofibular [tiab] OR toe [tiab] OR toes [tiab] OR trapezium [tiab] OR trapezoid [tiab] OR trapezoideum [tiab] OR triquetral [tiab] OR triquetrum [tiab] OR trochanter [tiab] OR trochanters [tiab] OR ulna [tiab] OR ulnar [tiab] OR ulnas [tiab] OR vertebra [tiab] OR vertebrae [tiab] OR vertebral [tiab] OR volar plate [tiab] OR volar plates [tiab] OR wrist [tiab] OR wrists [tiab] OR heel-cord [tiab]]

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Top ten general medical and orthopedic journals	(J Bone Joint Surg Br [ta] OR Knee Surg Sports Traumatol Arthrosc [ta] OR Clin Orthop Relat Res [ta] OR J Physiother [ta] OR J Orthop Res [ta] OR Arthroscopy [ta] OR Physical Therapy [ta] OR J Bone Joint Surg Am [ta] OR Osteoarthritis Cartilage [ta] OR Am J Sports Med [ta])
Randomized controlled trials	((randomized controlled trial [pt] OR controlled clinical trial [pt] OR randomized [tiab] OR placebo [tiab] OR clinical trials as topic [MeSH: noexp] OR randomly [tiab] OR trial [ti]) NOT (animals [mh] NOT (animals [mh] AND humans [mh])))