

Appendix

Search strategies

Embase.com: ('slipped capital femoral epiphysis'/de OR ('epiphysiolysis'/de AND ('femur epiphysis'/de OR femur/de OR 'femoral head'/de)) OR (((femor* OR femur) NEAR/6 (epiphysiolys*)) OR (slip* NEAR/6 (femor* OR femur) NEAR/3 (epiphys*)) OR scfe OR sufe):ab,ti) AND ('internal fixator'/exp OR 'fracture fixation'/de OR 'bone wire'/exp OR 'bone screw'/exp OR 'bone pin'/de OR 'prophylactic contralateral pinning'/de OR 'intramedullary nailing'/de OR (fixation* OR pinning OR Kirschner OR wire* OR screw* OR pin OR pins OR (connect* NEAR/6 head NEAR/3 neck)):ab,ti) AND ('prophylactic contralateral pinning'/de OR 'prophylaxis'/de OR (contralateral* OR contra-lateral* OR bilateral* OR bi-lateral* OR both-hip* OR other-hip* OR prophyla* OR subsequent* OR (opposite NEAR/3 (femur OR femor* OR hip*)):ab,ti) NOT ([animals]/lim NOT [humans]/lim) AND [English]/lim

Medline ALL Ovid: (Slipped Capital Femoral Epiphyses/ OR (Epiphyses, Slipped/ AND (Femur Head/ OR Femur/)) OR (((femor* OR femur) ADJ6 (epiphysiolys*)) OR (slip* ADJ6 (femor* OR femur) ADJ3 (epiphys*)) OR scfe OR sufe).ab,ti.) AND (exp Internal Fixators / OR exp Fracture Fixation / OR exp Bone Wires / OR exp Bone Screws / OR bone pin/ OR Bone Nails / OR Fracture Fixation, Intramedullary / OR (fixation* OR pinning OR Kirschner OR wire* OR screw* OR pin OR pins OR (connect* ADJ6 head ADJ3 neck)).ab,ti.) AND ((contralateral* OR contra-lateral* OR bilateral* OR bi-lateral* OR both-hip* OR other-hip* OR prophyla* OR subsequent* OR (opposite ADJ3 (femur OR femor* OR hip*))).ab,ti.) NOT (exp animals/ NOT humans/) AND english.la.

Web of science Core Collection: TS=((((femor* OR femur) NEAR/5 (epiphysiolys*)) OR (slip* NEAR/5 (femor* OR femur) NEAR/2 (epiphys*)) OR scfe OR sufe)) AND ((fixation* OR pinning OR Kirschner OR wire* OR screw* OR pin OR pins OR (connect* NEAR/5 head NEAR/2 neck))) AND ((contralateral* OR contra-lateral*

OR bilateral* OR bi-lateral* OR both-hip* OR other-hip* OR prophyla* OR subsequent* OR (opposite NEAR/2 (femur OR femor* OR hip*))))

Cochrane CENTRAL register of trials: (((((femor* OR femur) NEAR/6 (epiphysiolys*)) OR (slip* NEAR/6 (femor* OR femur) NEAR/3 (epiphys*)) OR scfe OR sufe):ab,ti) AND ((fixation* OR pinning OR Kirschner OR wire* OR screw* OR pin OR pins OR (connect* NEAR/6 head NEAR/3 neck)):ab,ti) AND ((contralateral* OR contralateral* OR bilateral* OR bi-lateral* OR both-hip* OR other-hip* OR prophyla* OR subsequent* OR (opposite NEAR/3 (femur OR femor* OR hip*)):ab,ti)