

Appendix

Appendix 1: Draft Pubmed search

Search	Query	Results
#4	Search: #1 AND #2 AND #3 Sort by: Publication Date	<u>153</u>
#3	Search: Anterior Cruciate Ligament[Mesh] OR Anterior Cruciate Ligament Reconstruction[Mesh] OR Anterior Cruciate Ligament Injuries[Mesh] OR "anterior cruciate ligament*" [tiab] OR "cranial cruciate ligament*" [tiab] OR "ACL reconstruction" [tiab] OR "ACL repair*" [tiab] OR "ACL surger*" [tiab] OR transphyseal [tiab] OR "all-epiphyseal" [tiab] OR "partial epiphyseal" [tiab] OR "physeal sparing" [tiab] Sort by: Publication Date	<u>25,306</u>
#2	Search: "Bone-Patellar Tendon-Bone Grafts"[Mesh] OR "Bone-Patellar Tendon-Bone Grafting"[Mesh] OR "Hamstring Tendons"[Mesh] OR "Quadriceps Muscle"[Mesh] OR "Autografts"[Mesh] OR "Patellar Ligament"[Mesh] OR "bone-patellar-tendon-bone*" [tiab] OR "bone patellar*" [tiab] OR "soft tissue autograft*" [tiab] OR "hamstring tendon*" [tiab] OR "quadriceps muscle*" [tiab] OR autograft* [tiab] OR "patellar ligament*" [tiab] OR "patellar tendon*" [tiab] OR "patella tendon*" [tiab] OR "ligamentum patellae" [tiab] Sort by: Publication Date	<u>36,684</u>
#1	Search: "Growth Plate"[Mesh] OR "growth plate*" [tiab] OR "open phys*" [tiab] OR "epiphyseal plate*" [tiab] OR "skeletally immature" [tiab] OR "open growth plate*" [tiab] OR autotransplant* [tiab] OR "autogenous graft*" [tiab] Sort by: Publication Date	<u>20,315</u>

Appendix 2. Study quality and study bias scoring of the 30 included studies using the MINORS score for nonrandomized studies

Study	A clearly stated aim	Inclusion of consecutive patients	Prospective collection of data	Endpoint appropriate for aim of study	Unbiased assessment of study endpoint	Follow-up period appropriate	Loss of follow-up less than 5%	Prospective calculation of study size	Adequate control group	Contemporary group	Baseline equivalence of groups	Adequate statistical analysis
Anderson[2]	1	1	0	2	0	2	2	0				
Astur[4]	2	1	2	2	1	2	1	0	0	2	2	2
Calvo[6]	2	2	0	2	0	2	2	0				
Chambers[7]	2	2	0	2	0	2	2	0				
Cohen[8]	2	1	0	1	0	2	2	0				
Cordasco[10]	2	2	2	2	0	2	2	0				
Faunø[21]	2	1	0	2	0	2	1	0				
Gebhard[23]	1	1	0	2	0	2	2	0	0	1	0	1
Gicquel[25]	2	1	0	2	0	2	0	0	1	2	0	2
Graziano[28]	2	1	0	2	0	0	1	0				
Guzzanti[30]	2	1	0	2	0	2	2	0				
Koch[32]	2	1	2	2	0	2	2	0				
Kocher[33]	2	2	0	2	0	2	1	0				
Kohl[34]	2	1	0	2	0	2	2	0				
Kopf[35]	2	1	0	2	0	2	2	0				
Lemaitre[36]	2	1	0	2	0	2	1	0				
Mauch[38]	2	2	0	2	0	2	2	0				
McCarroll[39]	2	2	0	2	0	2	2	0				
McIntosh[40]	2	2	0	2	0	2	2	0				
Memeo[41]	0	1	0	1	0	2	2	0				
Nelson[43]	2	1	2	2	0	2	1	0				
Nikolaou[44]	2	2	0	2	0	2	2	0				
Pennock[47]	2	1	0	2	0	2	1	0	2	2	2	2
Razi[49]	1	2	0	2	2	2	1	0	0	2	2	2
Redler[50]	2	2	0	2	0	2	1	0				
Sasaki[55]	2	2	2	2	0	2	2	2	2	2	0	2
Seon[59]	1	1	0	2	0	2	2	0				
Shelbourne[61]	2	1	2	2	0	2	2	0				
Smoak[63]	2	1	0	2	0	2	1	0				
Wall[66]	2	2	0	2	0	2	1	0				
Willson[68]	2	2	0	2	0	2	2	0				

