

Table S1. Database search formulas

Data base	Search terms for query
Pubmed	
#29	(#27) AND #28
#28	(Randomized controlled trial) OR Randomization
#27	(#25) OR #26
#26	(#1) AND #24
#25	(#1) AND #20
#24	((#21) OR #22) OR #23
#23	femur
#22	tibia
#21	patella
#20	((#17) OR #18) OR #19
#19	(knee joint) AND soft tissue disorder
#18	(knee joint) AND musculoskeletal disorder
#17	(((((((((((((#2) OR #3) OR #4) OR #5) OR #6) OR #7) OR #8) OR #10) OR #11) OR #12) OR #13) OR #14) OR #15) OR #16) OR #17
#16	Jumper's knee
#15	Osgood-Schlatter disease
#14	(fabella syndrome) OR popliteal cyamella
#13	(pes anserine tendinopathy) OR pes anserine bursitis
#12	iliotibial band friction syndrome
#11	apophysitis
#10	bursitis
#9	Tibial tuberosity osteochondritis
#8	tenosynovitis
#7	plica
#6	enthesopathy
#5	apicitis
#4	synovitis
#3	((ligament injury/) OR ligament disorder/) OR ligament rupture/ OR desmitis
#2	((tendinitis) OR tendinopathy) OR peritendinopathy
#1	((shockwave therapy) OR shock wave therapy) OR extracorporeal shockwave therapy) OR extracorporeal shock wave therapy

(continued)

Table S1. (continued)

Data base	Search terms for query
Physiotherapy Evidence Database (PEDro)	
	Body part: lower leg or knee
	Method: clinical trial
	Abstract & Title:
#1	extracorporeal shock wave therapy
#2	extracorporeal shockwave therapy
#3	shock wave therapy
#4	shockwave therapy
#5	shock wave
#6	shockwave
#7	Randomized controlled trial
#8	Randomization
#9	tendinopathy
#10	tendinitis
#11	ligament injury
#12	synovitis
#13	bursitis
#14	iliotibial band
#15	pes anserine/pes anserinus/pes
#16	popliteal cyamella
#17	jumper's knee
#18	soft tissue
#19	musculoskeletal
#20	patella
#21	patellar
#22	patello
#23	Patellofemoral
#24	pain syndrome

(continued)

Table S1. (continued)

Data base	Search terms for query
Excerpta Medica dataBASE (EMBASE)	
#1	extracorporeal shock wave therapy
#2	extracorporeal shockwave therapy
#3	shock wave therapy
#4	shockwave therapy
#5	shock wave
#6	shockwave
#7	#1 OR #2 OR #3 OR #4 OR #5 OR #6
#8	tendinitis'/exp OR tendinitis OR 'tendinopathy'/exp OR tendinopathy OR peritendinopathy
#9	('ligament'/exp OR ligament) AND (injury OR disorder)
#10	synovitis'/exp OR synovitis
#11	enthesopathy'/exp OR enthesopathy
#12	apicitis
#13	plica
#14	tenosynovitis'/exp OR tenosynovitis
#15	osteocondritis'/exp OR osteochondritis
#16	bursitis'/exp OR bursitis
#17	apophysitis' OR apophysitis
#18	iliotibial AND band
#19	pes AND (anserine OR anserinus)
#20	fabella AND syndrome OR (popliteal AND cyamella)
#21	'osgood schlatter'
#22	jumper AND knee
#23	running AND injury
#24	knee AND joint AND musculoskeletal AND disorder
#25	knee AND joint AND soft AND tissue AND disorder
#26	#8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26
#27	'patella'/exp OR patella OR 'patellar ligament'
#28	'tibia'/exp OR tibia
#29	'femur'/exp OR femur
#31	#27 OR #28 OR #29
#32	#7 AND #26
#33	#7 AND #31
#34	(#32 OR #33) AND [randomized controlled trial]/lim AND ([article]/lim OR [article in press]/lim) AND [humans]/lim

(continued)

Table S1. (continued)

Data base	Search terms for query
Cochrane Library Database	
#1	(shock wave) OR (shockwave)
#2	tendinitis or tendinopathy or peritendinopathy
#3	ligament and (injury or disorder)
#4	synovitis or enthesopathy or apicitis or plica or tenosynovitis or osteochondritis or bursitis or apophysitis
#5	(Tibial tuberosity osteochondritis) OR (pes anserine) OR (pes anserinus) OR (fabella syndrome) OR (popliteal cyamella) OR (Osgood-Schlatter disease) OR (Jumper's knee)
#6	(knee soft tissue disorder) or (knee musculoskeletal disorder)
#7	(patella) OR (patellar) OR (Patellofemoral)
#8	#2 OR #3 OR #4 OR #5 OR #6 OR #7
#9	(Randomized controlled trial) OR Randomization
#10	#1 AND #8 AND #9
China knowledge resource integrated database	
#1	(shock wave therapy) OR (shock wave therapy)
#2	(knee or patella) AND (tendinitis or tendinopathy or peritendinopathy)
#3	(knee or patella) AND ligament and (injury or disorder)
#4	synovitis or enthesopathy or apicitis or plica or tenosynovitis or osteochondritis or bursitis or apophysitis
#5	(Tibial tuberosity osteochondritis) OR (pes anserine) OR (pes anserinus) OR (fabella syndrome) OR (popliteal cyamella) OR (Osgood-Schlatter disease) OR (Jumper's knee)
#6	(knee soft tissue disorder) or (knee musculoskeletal disorder)
#7	#2 OR #3 OR #4 OR #5 OR #6 OR #7
#8	(Randomized controlled trial) OR Randomization
#9	#1 AND #7 AND #8
Google Scholar	
#1	allintitle: (extracorporeal shock wave therapy tendonitis OR tendinopathy) AND (Randomized controlled trial OR Randomization)
#2	allintitle: extracorporeal shockwave therapy tendonitis OR tendinopathy AND (Randomized controlled trial OR Randomization)
#3	allintitle: extracorporeal shock wave therapy ligament AND (Randomized controlled trial OR Randomization)
#4	allintitle: extracorporeal shock wave therapy Osgood OR Schlatter AND (Randomized controlled trial OR Randomization)
#5	allintitle: extracorporeal shockwave therapy patella OR patellar OR AND (Randomized controlled trial OR Randomization)patellofemoral