

Search strategies

MEDLINE

1	Post-Concussion Syndrome/	980
2	Brain Concussion/co [Complications]	1830
3	Brain Concussion/rh, th [Rehabilitation, Therapy]	1161
4	Contrecoup Injury/co [Complications]	3
5	Contrecoup Injury/ rh, th [Rehabilitation, Therapy]	1
6	brain concussion/ or contrecoup injury/	7546
7	exp Sensation Disorders/	184365
8	(concuss* or postconcuss* or (commotio adj2 cerebri) or contrecoup or ((mild OR moderate) adj2 trauma* adj2 (brain OR head OR cerebral)) or mtbi or (mild adj2 bti) or ((mild or moderate) adj2 (brain or head or cerebral) adj2 (injur* or trauma* or lesion* or lacerat* or damage* OR contusion*))).ti,ab	13451
9	(syndrome* or symptom or symptoms or fatigue or dizziness or dizzy or headache* or migraine* or faint or alteration* or PCS or effect or effects or dysfunction or dysfunctions or sequel* or deficit* or complaint* or problems or problem).ti,ab.	8056279
10	1 OR 2 OR 4 OR (6 AND 7) OR (8 AND 9)	9251
11	(exerci#e* or train OR trained or training or kinesiotherap* or ((cardiovascular or cardiovascular or aerobic or locomotor or physical) adj2 activit*) or (active adj2 (rehab* or therap*)) or ((bicycle* or cycling or bike or biking) adj2 (stationary or ergometer or ergometry)) or walk or walking or run OR jog running or jogging or swim* or (physical adj2 (effort* or strain or exertion or endurance or fitness or conditioning))).ti,ab.	981792
12	exp Exercise Therapy/	47308
13	Exp Ergometry/	62960
14	11 or 12 or 13	1008992
15	randomized controlled trial/	489565
16	Double Blind Method/	153319
17	Single Blind Method/	27320
18	(randomi#ed OR RCT* OR (clini* adj1 trial*) OR ((singl* OR doubl* OR tripl*) adj1 (blind* OR mask*)) OR (random* adj1 allocat*) OR placebo* OR ((waitlist* OR (wait* adj2 list*)) and (control* OR group)) OR (control* adj3 (trial* OR study OR studies OR group*))).ti,ab	1519874
19	15 or 16 or 17 or 18	1655673
20	(3 OR 5) AND 19	108
21	8 AND 12 AND 17	163
22	18 OR 19	239

EMBASE

1	postconcussion syndrome/	1989
2	traumatic brain injury/co [Complication]	161
3	traumatic brain injury /rh, th [Rehabilitation, Therapy]	3174
4	Contrecoup Injury/co [Complications]	3
5	Contrecoup Injury/ rh, th [Rehabilitation, Therapy]	1
6	traumatic brain injury/	45678
7	Contrecoup Injury/	51
8	exp sensory dysfunction/	542389
9	(concuss* or postconcuss* or (commotio adj2 cerebri) or contrecoup or ((mild OR moderate) adj2 trauma* adj2 (brain OR head OR cerebral)) or mtbi or (mild adj2 bti) or ((mild or moderate) adj2 (brain or head or cerebral) adj2 (injur* or trauma* or lesion* or lacerat* or damage* OR contusion*))).ti,ab.	18311
10	(syndrome* or symptom or symptoms or fatigue or dizziness or dizzy or headache* or migraine* or faint or alteration* or PCS or effect or effects or dysfunction or dysfunctions or sequel* or deficit* or complaint* or problems or problem).ti,ab.	10020152
11	1 or 2 or 4 or ((6 or 7) and 8) or (9 and 10)	13519
12	(exerci#e* or train OR trained or training or kinesi? OR therap* or ((cardiovascular or cardio vascular or aerobic or locomotor or physical) adj2 activit*) or (active adj2 (rehab* or therap*)) or ((bicycle* or cycling or bike or biking) adj2 (stationary or ergometer or ergometry)) or walk or walking or run OR jog running or jogging or swim* or (physical adj2 (effort* or strain or exertion or endurance or fitness or conditioning))).ti,ab.	4877290
13	kinesiotherapy/	30077
14	aerobic exercise/	14821
15	Exp Ergometry/	11897
16	12 or 13 or 14 OR 15	4888649
17	exp randomized controlled trial/	572713
18	double blind procedure/	166358
19	single blind procedure/	36705
20	(randomi#ed OR RCT* OR (clini* adj1 trial*) OR ((singl* OR doubl* OR tripl*) adj1 (blind* OR mask*)) OR (random* adj1 allocat*) OR placebo* OR ((waitlist* OR (wait* adj2 list*)) and (control* OR group)) OR (control* adj3 (trial* OR study OR studies OR group*))).ti,ab	2172736
21	17 or 18 or 19 OR 20	2302686
22	(3 or 5) and 21	657
23	11 AND 15 AND 21	585
24	22 OR 23	1200

CINAHL

1	(MH "Postconcussion Syndrome")	682
2	(MH "Brain Concussion+/CO")	743
3	(MH "Brain Concussion+/RH/TH")	854
4	(MH "Brain Concussion")	3924
5	(MH "Sensation Disorders+")	58877
6	(MH "Signs and Symptoms+")	588,092
7	TI ((concuss* or postconcuss* or (commotio N1 cerebri) or contrecoup or ((mild OR moderate) N1 trauma* N1 (brain OR head OR cerebral)) or mtbi or (mild N1 bti) or ((mild or moderate) N1 (brain or head or cerebral) N1 (injur* or trauma* or lesion* or lacerat* or damage* OR contusion*)))) OR AB ((concuss* or postconcuss* or (commotio N1 cerebri) or contrecoup or ((mild OR moderate) N1 trauma* N1 (brain OR head OR cerebral)) or mtbi or (mild N1 bti) or ((mild or moderate) N1 (brain or head or cerebral) N1 (injur* or trauma* or lesion* or lacerat* or damage* OR contusion*))))	6371
8	TI ((syndrome* or symptom or symptoms or fatigue or dizziness or dizzy or headache* or migraine* or faint or alteration* or PCS or effect or effects or dysfunction or dysfunctions or sequel* or deficit* or complaint* or problems or problem)) OR AB ((syndrome* or symptom or symptoms or fatigue or dizziness or dizzy or headache* or migraine* or faint or alteration* or PCS or effect or effects or dysfunction or dysfunctions or sequel* or deficit* or complaint* or problems or problem))	1,258,853
9	S1 OR S2 OR (S4 AND (S5 OR s6)) OR (s7 AND s8)	4043
10	TI ((exerci#e* or train OR trained or training or kinesiotherap* or ((cardiovascular or cardio vascular or aerobic or locomotor or physical) n1 activit*) or (active n1 (rehab* or therap*)) or ((bicycle* or cycling or bike or biking) n1 (stationary or ergometer or ergometry)) or walk or walking or run OR jog running or jogging or swim* or (physical n1 (effort* or strain or exertion or endurance or fitness or conditioning)))) OR AB ((exerci#e* or train OR trained or training or kinesiotherap* or ((cardiovascular or cardio vascular or aerobic or locomotor or physical) n1 activit*) or (active n1 (rehab* or therap*)) or ((bicycle* or cycling or bike or biking) n1 (stationary or ergometer or ergometry)) or walk or walking or run OR jog running or jogging or swim* or (physical n1 (effort* or strain or exertion or endurance or fitness or conditioning))))	356,099
11	(MH "Therapeutic Exercise+")	49617
12	(MH "Ergometry")	5024
13	S10 OR S11 OR S12	373,540
14	(MH "Randomized Controlled Trials+")	86,632
15	(MH "Double-Blind Studies")	42,476
16	(MH "Single-Blind Studies")	12,854
17	(TI ((randomi#ed OR RCT* OR (clini* N0 trial*) OR ((singl* OR doubl* OR tripl*) N0 (blind* OR mask*)) OR (random* N0 allocat*) OR placebo* OR ((waitlist* OR (wait* N1 list*)) and (control* OR group)) OR (control* N2 (trial* OR study OR studies OR group*)))) OR AB ((randomi#ed OR RCT* OR (clini* N0 trial*) OR ((singl* OR doubl* OR tripl*) N0 (blind* OR mask*)) OR (random* N0 allocat*) OR placebo* OR ((waitlist* OR (wait* N1 list*)) and (control* OR group)) OR (control* N2 (trial* OR study OR studies OR group*))))	387,779
18	S14 OR S15 OR S16 OR S17	417,786
19	S3 AND S17	64
20	S9 AND S13 AND S18	89
21	S19 OR S20	129

EBM Reviews

1	(concuss* or postconcuss* or (commotio adj2 cerebri) or contrecoup or ((mild OR moderate) adj2 trauma* adj2 (brain OR head OR cerebral)) or mtbi or (mild adj2 bti) or ((mild or moderate) adj2 (brain or head or cerebral) adj2 (injur* or trauma* or lesion* or lacerat* or damage* OR contusion*))) .ti,ab	1184
2	(syndrome* or symptom or symptoms or fatigue or dizziness or dizzy or headache* or migraine* or faint or alteration* or PCS or effect or effects or dysfunction or dysfunctions or sequel* or deficit* or complaint* or problems or problem).ti,ab.	814718
3	(exerci#e* or train OR trained or training or kinesi?therap* or ((cardiovascular or cardiovascular or aerobic or locomotor or physical) adj2 activit*) or (active adj2 (rehab* or therap*)) or ((bicycle* or cycling or bike or biking) adj2 (stationary or ergometer or ergometry)) or walk or walking or run OR jog running or jogging or swim* or (physical adj2 (effort* or strain or exertion or endurance or fitness or conditioning))).ti,ab.	509414
4	(randomi#ed OR RCT* OR (clini* adj1 trial*) OR ((singl* OR doubl* OR tripl*) adj1 (blind* OR mask*)) OR (random* adj1 allocat*) OR placebo* OR ((waitlist* OR (wait* adj2 list*)) and (control* OR group)) OR (control* adj3 (trial* OR study OR studies OR group*))).ti,ab	998580
5	1 OR 2 OR 3 OR 4	346