

Search string

Medline (Ovid)

(exp "heart failure, diastolic"/ OR ((heart OR cardiac OR cardial OR left ventricular OR myocardial) ADJ (failure OR decompensation OR incompetence OR insufficiency OR stand still) ADJ3 (diastolic OR preserved ejection fraction OR normal ejection fraction OR preserved EF OR normal EF)).tw. OR (HF ADJ2 (diastolic OR preserved ejection fraction OR normal ejection fraction OR preserved EF OR normal EF)).tw. OR HFpEF.tw. OR HFnEF.tw. OR impaired left ventricular relaxation.tw. OR impaired LV relaxation.tw. OR diastolic dysfunction*.tw.) AND (exp exercise/ OR exp "exercise therapy"/ OR exp "sports"/ OR "physical exertion"/ OR exercise*.tw. OR training*.tw. OR "physical activit*".tw. OR movement.tw. OR gymnastics.tw. OR sports.tw. OR train.tw. OR physical exertion*.tw. OR running.tw. OR jogging.tw. OR swimming.tw. OR walking.tw. OR racewalking.tw. OR cycling.tw. OR stair climbing.tw. OR effort*.tw. OR workout*.tw. OR work-out*.tw. OR squatting.tw. OR dancing.tw. OR exergaming.tw. OR pilates.tw. OR plyometric*.tw. OR lifting.tw.) AND (exp "cardiac output"/ OR ((heart OR cardiac OR cardial OR ventric*) ADJ3 (output OR minute volume*)).tw. OR "cardiac index".tw. OR "heart index".tw. OR "stroke volume*".tw. OR ventricular end-systolic volume*.tw.) AND ("randomized controlled trial".pt. OR "controlled clinical trial".pt. OR randomized.ab. OR placebo.ab. OR "Drug Therapy".fs. OR randomly.ab. OR trial.ab. OR groups.ab. NOT (exp animals/ NOT humans.sh.))

Embase (Ovid)

(exp "diastolic heart failure"/ OR exp "diastolic dysfunction"/ OR ((heart OR cardiac OR cardial OR left ventricular OR myocardial) ADJ (failure OR decompensation OR incompetence OR insufficiency OR stand still) ADJ3 (diastolic OR preserved ejection fraction OR normal ejection fraction OR preserved EF OR normal EF)).tw. OR (HF ADJ2 (diastolic OR preserved ejection fraction OR normal ejection fraction OR preserved EF OR normal EF)).tw. OR HFpEF.tw. OR HFnEF.tw. OR impaired left ventricular relaxation.tw. OR impaired LV relaxation.tw. OR diastolic dysfunction*.tw.) AND (exp exercise/ OR exp kinesiotherapy/ OR exp physical activity/ OR training/ OR exp locomotion/ OR sport/ OR exercise*.tw. OR training*.tw. OR "physical activit*".tw. OR movement.tw. OR gymnastics.tw. OR sports.tw. OR train.tw. OR physical exertion*.tw. OR running.tw. OR jogging.tw. OR swimming.tw. OR walking.tw. OR racewalking.tw. OR cycling.tw. OR stair climbing.tw. OR effort*.tw. OR workout*.tw. OR work-out*.tw. OR squatting.tw. OR dancing.tw. OR exergaming.tw. OR pilates.tw. OR plyometric*.tw. OR lifting.tw.) AND (exp "heart output"/ OR exp "cardiac index"/ OR "heart stroke volume"/ OR ((heart OR cardiac OR cardial OR ventric*) ADJ3 (output OR minute volume*)).tw. OR "cardiac index".tw. OR "heart index".tw. OR "stroke volume*".tw. OR ventricular end-systolic volume*.tw.) AND (randomized controlled trial/ OR controlled clinical trial/ OR random*.ab,ti. OR randomization/ OR intermethod comparison/ OR placebo.ab,ti. OR (compare.ti. OR compared.ti. OR comparison.ti.) OR ((evaluated.ab. OR evaluate.ab. OR evaluating.ab. OR assessed.ab. OR assess.ab.) AND (compare.ab. OR compared.ab. OR comparing.ab. OR comparison.ab.)) OR (open ADJ label).ab,ti. OR ((double OR single OR doubly OR singly) ADJ (blind OR blinded OR blindly)).ab,ti. OR double blind procedure/ OR (parallel ADJ group*).ab,ti. OR (crossover.ab,ti. OR cross over.ab,ti.) OR ((assign* OR match OR matched OR allocation) ADJ6 (alternate OR group OR groups OR intervention OR interventions OR patient OR patients OR subject OR subjects OR participant OR

participants)).ab,ti. OR (assigned.ab,ti. OR allocated.ab,ti.) OR (controlled ADJ8 (study OR design OR trial)).ab,ti. OR (volunteer.ab,ti. OR volunteers.ab,ti.) OR human experiment/ OR Trial.ti.) NOT (((random* ADJ sampl* ADJ8 (cross section* OR questionnaire* OR survey OR surveys OR database or databases)).ab,ti.) NOT (comparative study/ OR controlled study/ OR randomised controlled.ab,ti. OR randomized controlled.ab,ti. OR randomly assigned.ab,ti.)) OR (cross-sectional study/ NOT (randomized controlled trial/ OR controlled clinical study/ OR controlled study/ OR randomised controlled.ab,ti. OR randomized controlled.ab,ti. OR control group.ab,ti. OR control groups.ab,ti.)) OR (case control*.ab,ti. AND random*.ab,ti. NOT (randomised controlled.ab,ti. OR randomized controlled.ab,ti.)) OR (systematic review.ti. NOT (trial.ti. OR study.ti.)) OR (nonrandom*.ab,ti. NOT random*.ab,ti.) OR random field*.ab,ti. OR (random cluster ADJ4 sampl*).ab,ti. OR (review.ab. AND review.pt. NOT trial.ti.) OR (we searched.ab. AND (review.ti. OR review.pt.)) OR update review.ab. OR (databases ADJ5 searched).ab. OR ((rat.ti. OR rats.ti. OR mouse.ti. OR mice.ti. OR swine.ti. OR porcine.ti. OR murine.ti. OR sheep.ti. OR lambs.ti. OR pigs.ti. OR piglets.ti. OR rabbit.ti. OR rabbits.ti. OR cat.ti. OR cats.ti. OR dog.ti. OR dogs.ti. OR cattle.ti. OR bovine.ti. OR monkey.ti. OR monkeys.ti. OR trout.ti. OR marmoset*.ti.) AND animal experiment/) OR (animal experiment/ NOT (human experiment/ OR human/))) NOT conference abstract.pt.

CENTRAL (Cochrane library)

((heart:ti,ab OR cardiac:ti,ab OR cardial:ti,ab OR "left ventricular":ti,ab OR myocardial:ti,ab) NEXT (failure:ti,ab OR decompensation:ti,ab OR incompetence:ti,ab OR insufficiency:ti,ab OR "stand still":ti,ab) NEAR/3 (diastolic:ti,ab OR "preserved ejection fraction":ti,ab OR "normal ejection fraction":ti,ab OR "preserved EF":ti,ab OR "normal EF":ti,ab)) OR (HF:ti,ab NEAR/2 (diastolic:ti,ab OR "preserved ejection fraction":ti,ab OR "normal ejection fraction":ti,ab OR "preserved EF":ti,ab OR "normal EF":ti,ab)) OR HFpEF:ti,ab OR HFnEF:ti,ab OR "impaired left ventricular relaxation":ti,ab OR "impaired LV relaxation":ti,ab OR ("diastolic" NEXT dysfunction*:ti,ab) AND (exercise*:ti,ab OR training*:ti,ab OR ("physical" NEXT activit*):ti,ab OR movement:ti,ab OR gymnastics:ti,ab OR sports:ti,ab OR train:ti,ab OR ("physical" NEXT exertion*):ti,ab OR running:ti,ab OR jogging:ti,ab OR swimming:ti,ab OR walking:ti,ab OR racewalking:ti,ab OR cycling:ti,ab OR "stair climbing":ti,ab OR effort*:ti,ab OR workout*:ti,ab OR work-out*:ti,ab OR squatting:ti,ab OR dancing:ti,ab OR exergaming:ti,ab OR pilates:ti,ab OR plyometric*:ti,ab OR lifting:ti,ab) AND (((heart:ti,ab OR cardiac:ti,ab OR cardial:ti,ab OR ventric*:ti,ab) NEAR/3 (output:ti,ab OR ("minute" NEXT volume*):ti,ab)) OR "cardiac index":ti,ab OR "heart index":ti,ab OR ("stroke" NEXT volume*):ti,ab OR ("ventricular end-systolic" NEXT volume*):ti,ab) NOT ("conference abstract":pt OR ("clinicaltrials" OR "who.int"):so)

SportDiscus (EBSCOhost)

((DE "CONGESTIVE heart failure") OR (((TI heart OR AB heart) OR (TI cardiac OR AB cardiac) OR (TI cardial OR AB cardial) OR (TI "left ventricular" OR AB "left ventricular") OR (TI myocardial OR AB myocardial)) W1 ((TI failure OR AB failure) OR (TI decompensation OR AB decompensation) OR (TI incompetence OR AB incompetence) OR (TI insufficiency OR AB insufficiency) OR (TI "stand still" OR AB "stand still"))) N3 ((TI diastolic OR AB diastolic) OR (TI "preserved ejection fraction" OR AB "preserved ejection fraction") OR (TI "normal ejection fraction" OR AB "normal ejection fraction") OR (TI "preserved EF" OR AB "preserved EF") OR (TI "normal EF" OR AB "normal EF"))) OR ((TI HF OR AB

HF) N2 ((TI diastolic OR AB diastolic) OR (TI "preserved ejection fraction" OR AB "preserved ejection fraction") OR (TI "normal ejection fraction" OR AB "normal ejection fraction") OR (TI "preserved EF" OR AB "preserved EF") OR (TI "normal EF" OR AB "normal EF")) OR (TI HFpEF OR AB HFpEF) OR (TI HFnEF OR AB HFnEF) OR (TI "impaired left ventricular relaxation" OR AB "impaired left ventricular relaxation") OR (TI "impaired LV relaxation" OR AB "impaired LV relaxation") OR (TI "diastolic dysfunction*" OR AB "diastolic dysfunction*")) AND (DE "EXERCISE" OR DE "AEROBIC exercises" OR DE "AQUATIC exercises" OR DE "CIRCUIT training" OR DE "COMPOUND exercises" OR DE "EXERCISE for men" OR DE "EXERCISE for middle-aged persons" OR DE "EXERCISE for older people" OR DE "EXERCISE for people with disabilities" OR DE "EXERCISE for women" OR DE "EXERCISE for youth" OR DE "EXERCISE therapy" OR DE "GYMNASTICS" OR DE "ISOKINETIC exercise" OR DE "ISOLATION exercises" OR DE "ISOMETRIC exercise" OR DE "ISOTONIC exercise" OR DE "METABOLIC equivalent" OR DE "PILATES method" OR DE "PLYOMETRICS" OR DE "REDUCING exercises" OR DE "RUNNING" OR DE "STRENGTH training" OR DE "TREADMILL exercise" OR DE "PHYSICAL activity" OR DE "PHYSICAL training & conditioning" OR DE "SPORTS" OR (TI exercise* OR AB exercise*) OR (TI training* OR AB training*) OR (TI "physical activit*" OR AB "physical activit*") OR (TI movement OR AB movement) OR (TI gymnastics OR AB gymnastics) OR (TI sports OR AB sports) OR (TI train OR AB train) OR (TI "physical exertion*" OR AB "physical exertion*") OR (TI running OR AB running) OR (TI jogging OR AB jogging) OR (TI swimming OR AB swimming) OR (TI walking OR AB walking) OR (TI racewalking OR AB racewalking) OR (TI cycling OR AB cycling) OR (TI "stair climbing" OR AB "stair climbing") OR (TI effort* OR AB effort*) OR (TI workout* OR AB workout*) OR (TI work-out* OR AB work-out*) OR (TI squatting OR AB squatting) OR (TI dancing OR AB dancing) OR (TI exergaming OR AB exergaming) OR (TI pilates OR AB pilates) OR (TI plyometric* OR AB plyometric*) OR (TI lifting OR AB lifting)) AND ((DE "cardiac output" OR DE "STROKE volume (Cardiac output)") OR (((TI heart OR AB heart) OR (TI cardiac OR AB cardiac) OR (TI cardial OR AB cardial) OR (TI ventric* OR AB ventric*))) N3 ((TI output OR AB output) OR (TI "minute volume*" OR AB "minute volume*")) OR (TI "cardiac index" OR AB "cardiac index") OR (TI "heart index" OR AB "heart index") OR (TI "stroke volume*" OR AB "stroke volume*") OR (TI "ventricular end-systolic volume*" OR AB "ventricular end-systolic volume*"))