

Online supplementary file 2: Search strategies

The cochrane central register of controlled trials (CENTRAL)

- #1 MeSH descriptor:[critical care]explode all trees
- #2 MeSH descriptor:[intensive care unit]explode all trees
- #3 MeSH descriptor:[critical illness]explode all trees
- #4 MeSH descriptor:[ventilator weaning]explode all trees
- #5 MeSH descriptor:[Respiratory Distress Syndrome, Adult]explode all trees
- #6 MeSH descriptor:[Sepsis]explode all trees
- #7 #1 OR #2 OR #3 OR #4 OR #5 OR #6
- #8 "critical care":ti,ab,kw
- #9 "intensive care unit":ti,ab,kw
- #10 ICU:ti,ab,kw
- #11 "critical illness":ti,ab,kw
- #12 ventilator:ti,ab,kw
- #13 ARDS:ti,ab,kw
- #14 "acute respiratory distress syndrome":ti,ab,kw
- #15 sepsis:ti,ab,kw
- #16 CIN:ti,ab,kw
- #17 CIM:ti,ab,kw
- #18 CIPN:ti,ab,kw
- #19 CIPNM:ti,ab,kw
- #20 #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR
#18 OR #19
- #21 #7 OR #20
- #22 MeSH descriptor:[Exercise]explode all trees
- #23 MeSH descriptor:[Exercise therapy]explode all trees
- #24 MeSH descriptor:[Rehabilitation]explode all trees
- #25 MeSH descriptor:[Physical fitness]explode all trees
- #26 MeSH descriptor:[Physical Therapy Modalities]explode all trees
- #27 #22 OR #23 OR #24 OR #25 OR #26
- #28 exercise:ti,ab,kw
- #29 rehabilitation:ti,ab,kw
- #30 "physical fitness":ti,ab,kw
- #31 training:ti,ab,kw

#32 mobilization:ti,ab,kw
#33 mobilisation:ti,ab,kw
#34 "physical therapy":ti,ab,kw
#35 physiotherapy:ti,ab,kw
#36 "occupational therapy":ti,ab,kw
#37 "electrical muscle stimulation":ti,ab,kw
#38 "neuromuscular electrical stimulation":ti,ab,kw
#39 "respiratory muscle training":ti,ab,kw
#40 "inspiratory muscle training":ti,ab,kw
#41 "cycle ergometer":ti,ab,kw
#42 bridging:ti,ab,kw
#43 rolling:ti,ab,kw
#44 "lying to sitting":ti,ab,kw
#45 marching:ti,ab,kw
#46 ambulation:ti,ab,kw
#47 "activities of daily living":ti,ab,kw
#48 ADL:ti,ab,kw
#49 walking:ti,ab,kw
#50 #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR
#38 OR #39 OR #40 OR #41 OR #42 OR #43 OR #44 OR #45 OR #46 OR #47
OR #48 OR #49
#51 #27 OR #50
#52 #21 AND #51

MEDLINE via PubMed

#1 critical care[mh]

#2 intensive care unit[mh]

#3 critical illness[mh]

#4 ventilator weaning[mh]

#5 Respiratory Distress Syndrome, Adult[mh]

#6 Sepsis[mh]

#7 #1 OR #2 OR #3 OR #4 OR #5 OR #6

#8 "critical care"[tiab]

#9 "intensive care unit"[tiab]

#10 ICU[tiab]

#11 "critical illness"[tiab]

#12 ventilator[tiab]

#13 ARDS[tiab]

#14 "acute respiratory distress syndrome"[tiab]

#15 sepsis[tiab]

#16 CIN[tiab]

#17 CIM[tiab]

#18 CIPN[tiab]

#19 CIPNM[tiab]

#20 #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR
#18 OR #19

#21 #7 OR #20

#22 Exercise[mh]

#23 Exercise therapy[mh]

#24 Rehabilitation[mh]

#25 Physical fitness[mh]

#26 Physical Therapy Modalities[mh]

#27 #22 OR #23 OR #24 OR #25 OR #26

#28 exercise[tiab]

#29 rehabilitation[tiab]

#30 "physical fitness"[tiab]

#31 training[tiab]

#32 mobilization[tiab]

#33 mobilisation[tiab]

#34 "physical therapy"[tiab]
#35 physiotherapy[tiab]
#36 "occupational therapy"[tiab]
#37 "electrical muscle stimulation"[tiab]
#38 "neuromuscular electrical stimulation"[tiab]
#39 "respiratory muscle training"[tiab]
#40 "inspiratory muscle training"[tiab]
#41 "cycle ergometer"[tiab]
#42 bridging[tiab]
#43 rolling[tiab]
#44 "lying to sitting"[tiab]
#45 marching[tiab]
#46 ambulation[tiab]
#47 "activities of daily living"[tiab]
#48 ADL[tiab]
#49 walking[tiab]
#50 #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR
#38 OR #39 OR #40 OR #41 OR #42 OR #43 OR #44 OR #45 OR #46 OR #47 OR
#48 OR #49
#51 #27 OR #50
#52 randomized controlled trial [pt]
#53 controlled clinical trial [pt]
#54 randomized [tiab]
#55 placebo [tiab]
#56 clinical trials as topic [mesh: noexp]
#57 randomly [tiab]
#58 trial [ti]
#59 #52 OR #53 OR #54 OR #55 OR #56 OR #57 OR #58
#60 animals [mh] NOT humans [mh]
#61 #59 NOT #60
#62 #21 AND #51 AND #61

EMBASE

#1 "critical care"/exp

#2 "intensive care unit"/exp

#3 "critical illness"/exp

#4 "ventilator weaning"/exp

#5 "Respiratory Distress Syndrome, Adult"/exp

#6 Sepsis/exp

#7 #1 OR #2 OR #3 OR #4 OR #5 OR #6

#8 "critical care":ab,ti

#9 "intensive care unit":ab,ti

#10 ICU:ab,ti

#11 "critical illness":ab,ti

#12 ventilator:ab,ti

#13 ARDS:ab,ti

#14 "acute respiratory distress syndrome":ab,ti

#15 sepsis:ab,ti

#16 CIN:ab,ti

#17 CIM:ab,ti

#18 CIPN:ab,ti

#19 CIPNM:ab,ti

#20 #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR
#18 OR #19

#21 #7 OR #20

#22 Exercise/exp

#23 "Exercise therapy"/exp

#24 Rehabilitation/exp

#25 "Physical fitness"/exp

#26 "Physical Therapy Modalities"/exp

#27 #22 OR #23 OR #24 OR #25 OR #26

#28 exercise:ab,ti

#29 rehabilitation:ab,ti

#30 "physical fitness":ab,ti

#31 training:ab,ti

#32 mobilization:ab,ti

#33 mobilisation:ab,ti

#34 "physical therapy":ab,ti
#35 physiotherapy:ab,ti
#36 "occupational therapy":ab,ti
#37 "electrical muscle stimulation":ab,ti
#38 "neuromuscular electrical stimulation":ab,ti
#39 "respiratory muscle training":ab,ti
#40 "inspiratory muscle training":ab,ti
#41 "cycle ergometer":ab,ti
#42 bridging:ab,ti
#43 rolling:ab,ti
#44 "lying to sitting":ab,ti
#45 marching:ab,ti
#46 ambulation:ab,ti
#47 "activities of daily living":ab,ti
#48 ADL:ab,ti
#49 walking:ab,ti
#50 #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR
#38 OR #39 OR #40 OR #41 OR #42 OR #43 OR #44 OR #45 OR #46 OR #47 OR
#48 OR #49
#51 #27 OR #50
#52 random*:ab,ti OR (clinical NEXT/1 trial*) OR 'health care quality'/exp
#53 #21 AND #51 AND #52

PEDro

Advance search

Abstract & Title: critical illness OR critical care OR intensive care unit OR acute respiratory distress syndrome OR ards OR sepsis OR septic OR ventilator

Method: clinical trial

**The world health organization international clinical trials platform search portal
(WHO ICTRP)**

#1 Conditions: (critical illness OR critical care OR intensive care unit OR acute respiratory distress syndrome OR ARDS OR sepsis OR ventilator)

#2 Intervention: (rehabilitation OR exercise OR training OR mobilization OR mobilisation OR physical therapy OR physiotherapy OR occupational therapy OR neuromuscular electrical stimulation OR cycle ergometer OR ADL or activity of daily living OR ambulation OR walking)

#3 #1 AND #2