primary studies - published RCT

Effect of supplemental oxygen on supramaximal exercise performance and recovery in cystic fibrosis.

Code: PM9375333 **Year:** 1997 **Date:** 1997 **Author:** Shah AR

Study design (if review, criteria of inclusion for studies)

Randomized controlled cross-over trial, single center. Single blind (participants).

Participants

17 people with CF, mean age 25 years, 9 male and 8 female. 17 people in control group, mean age 25 years, 10 male and 7 female. States each participant performed exercise before and after O2.

Interventions

2 consecutive supramaximal exercise tests with recovery FiO2 0.21 or 0.30, then repeat exercise.

Outcome measures

VO2max, HR, VE, SaO2, peak work, exercise time, AT, subsequent work performance.

http://www.mrw.interscience.wiley.com/cochrane/clcentral/articles/140/CN-00208140/frame.html

See also

Journal of applied physiology (Bethesda, Md. : 1985) YR: 1997 VL: 83 NO: 5

Keywords

Adult; exercise; non pharmacological intervention - devices OR physiotherapy; Oxygen; Supplementation; Chest physiotherapy;