

primary studies - published RCT

# The long-term effect of elexacaftor/tezacaftor/ivacaftor on cardiorespiratory fitness in adolescent patients with cystic fibrosis: a pilot observational study.

**Code:** PM38807122

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

Randomized cross-over study.

## Participants

Children and adults with CF (diagnosed with sweat test) with chronic *P. aeruginosa* needing IV antibiotics and living within a radius of 10 miles of the hospital.

## Interventions

IV antibiotics (a  $\beta$ -lactam and an aminoglycoside)

## Outcome measures

Lung function, oxygen saturation, weight, psychological evaluations, economic evaluations

<http://dx.doi.org/10.1186/s12890-024-03069-8>

## See also

BMC Pulm Med. 2024 May 28;24(1):260. doi: 10.1186/s12890-024-03069-8.

## Keywords

Adolescent; Adult; Aged; Anti-Bacterial Agents; Child; Home; Home Care Services; Intravenous; non pharmacological intervention - psyco-soc-edu-org; pharmacological\_intervention; Bacterial Infections; Respiratory Tract Infections; Respiratory Tract Diseases; Infection; Organization;