primary studies - published RCT

A cross-over study on the effectiveness of ofloxacin and ciprofloxacin administered orally.

Code: PM2937740 **Year:** 1986 **Date:** 1986 **Author:** Kurz CC

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

Cross-over Study

Participants

20 out-patients with cystic fibrosis and chronic colonization of the respiratory tract with Pseudomonas aeruginosa

Interventions

ten days with OFX, then another ten days with CPX, and vice versa

Outcome measures

Drug concentrations in serum and sputum were assayed.

Main results

The patients' clinical and laboratory parameters were monitored. The side-effects that appeared did not require interrupting treatment. The serum and sputum concentrations were found to be above the minimal inhibitory concentration. Although P. aeruginosa was not eliminated by the therapy, two-thirds of the patients showed improvement during the infection that could be observed clinically and in laboratory measurements.

Authors' conclusions

Oral treatment with OFX and CPX is efficacious.

http://www.mrw.interscience.wiley.com/cochrane/clcentral/articles/087/CN-00042087/frame.html

See also

Infection. 1986;14 Suppl 1:S82-6.

Keywords

Adolescent; Adult; Anti-Bacterial Agents; Bacterial Infections; Ciprofloxacin; Infection; Ofloxacin; Oral; pharmacological_intervention; Pseudomonas aeruginosa; Pseudomonas; Respiratory Tract Diseases; Respiratory Tract Infections; colonization; Quinolones;