

ongoing trials - trial from other registries

Use of repeated Multiple Breath Washout to detect and treat pulmonary exacerbation in children with Cystic Fibrosis, a multicenter randomized controlled study.

Code:

EUCTR2019-003501-10

Year: 2019

Date: 2019

Author:

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

Controlled: Yes.1 Randomised: Yes.2 Open: Yes.3 Single blind: No.4 Double blind: No.5 Parallel group: Yes.6 Cross over: No

Participants

Diagnosis of Cystic Fibrosis. Age 3.0 to 17.9 years. MBW performed in the last 3 days with a relative increase in LCI $\geq 10\%$ compared to former LCI Two MBW performed in stable condition before inclusion in the last year, both being

Interventions

Multiple Breath Washout (MBW)

Outcome measures

Primary end point(s): Lung Clearance Index (LCI). The primary objective is to show if an increase with $\geq 10\%$ in LCI compared to former LCI can be reversed with oral antibiotic treatment (and without treatment LCI will remain high or increase). The hypothesis is that the increase in LCI $\geq 10\%$ is caused by an increased inflammation from bacterial colonization in the airways.

<https://www.clinicaltrialsregister.eu/ctr-search/trial/2019-003501-10/SE/>

Keywords

non pharmacological intervention - devices OR physiotherapy;