

primary studies - published RCT

## Randomized trial of efficacy and safety of dornase alfa delivered by eRapid nebulizer in cystic fibrosis patients

Code: PM25921451

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

Randomized clinical trial

### Participants

44 children and adolescents with cystic fibrosis

### Interventions

Patients were randomized to receive for three months either a high fat, high-calorie diet (n = 22) or a low glycemic index/high fat, high-calorie diet (n = 22) with similar calorie and macronutrients composition.

### Outcome measures

Serum levels of lipid profiles (triglyceride, total cholesterol, HDL cholesterol, LDL cholesterol), insulin, fasting blood glucose, and glycated hemoglobin were measured at baseline and after the intervention.

### Main results

Between-group differences were significant only for fasting blood glucose (P

### Authors' conclusions

It seems that adherence to a low glycemic index/high fat, high-calorie diet can improve glycemic indices in children and adolescents with cystic fibrosis compared to the high fat, high-calorie diet.

<http://dx.doi.org/10.1016/j.jcf.2015.04.003>

### See also

J Cyst Fibros. 2015 Nov;14(6):777-83. doi: 10.1016/j.jcf.2015.04.003. Epub 2015 Apr 25.

### Keywords

Low glycemic index meal; Food; non pharmacological intervention - diet; Diabetes Mellitus; Pancreatic Diseases; Gastrointestinal Diseases;