Cochrane Database of Systematic Reviews - - Cochrane Review

Enteral tube feeding for cystic fibrosis

Code: CD001198 **Year:** 2019 **Date:** 2012 - updated: 10 JUL 2019 **Author:** Conway Steven

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

All randomised controlled trials comparing supplemental enteral tube feeding for one month or longer with no specific intervention in people with cystic fibrosis.

Participants

People with CF (both males and females) of any age, diagnosed clinically and by sweat testing or genetic profiling, for whom supplemental enteral tube feeds were being considered. People at all stages of CF disease were included.

Interventions

Enteral tube feeding

Outcome measures

Primary outcomes 1. Growth and nutritional status (weight of participant, percentage weight for height, percentage weight for age, percentage ideal body weight (IBW), body mass index, weight standard deviation score (z score), BMI standard deviation score (z score), other indices of nutritional status) 2. Respiratory function (vital capacity (VC), FVC, FEV1, FEF25â^'75) 3. Mortality

Main results

There are no trials included in this review.

Authors' conclusions

Supplemental enteral tube feeding is widely used throughout the world to improve nutritional status in people with cystic fibrosis. The methods mostly used, nasogastric or gastrostomy feeding, are expensive and may have a negative effect on selfâ€•esteem and body image. Reported use of enteral tube feeding suggests that it results in nutritional and respiratory improvement; but, efficacy has not been fully assessed by randomised controlled trials. It is acknowledged, however, that performing a randomised controlled trial would be difficult due to the ethics of withholding an intervention in a group of people whose nutritional status necessitates it.

https://doi.org//10.1002/14651858.CD001198.pub5

See also

Shimmin D, Lowdon J, Remmington T. Enteral tube feeding for cystic fibrosis. Cochrane Database of Systematic Reviews 2019, Issue 7. Art. No.: CD001198. DOI: 10.1002/14651858.CD001198.pub5.

Keywords

Enteral Nutrition; non pharmacological intervention - diet; Supplementation;