
primary studies - published RCT

Comparison of four pancreatic extracts in cystic fibrosis.

Code: PM3304172

Year: 1987 Date: 1987

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

random crossover trial

Participants

children with cystic fibrosis

Interventions

Four different pancreatin products, Pancrease, Creon, Pancrex V Forte, and Pancreatin Merck, were compared

Outcome measures

gastrointestinal symptoms, fat absorption, faecal nitrogen content

Main results

The results of our study showed that patients who received Creon and Pancrease had fewer gastrointestinal symptoms than patients who received Pancrex V Forte and Pancreatin Merck. Fat absorption was significantly improved with Pancrease when compared with Pancrex V forte and Pancreatin Merck. Also the fat absorption with Creon was superior to that with Pancrex V Forte. There was no significant difference in fat absorption between Pancrease and Creon. Pancrex V Forte and Pancreatin Merck, or Pancreatin Merck and Creon. Faecal nitrogen content was less with both Creon and Pancrease compared with Pancreatin Merck.

Authors' conclusions

Creon and Pancrease allow the patient with cystic fibrosis to take a high energy diet without any dietary restrictions.

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See also

Arch Dis Child. 1987 Jun;62(6):564-8.

Keywords

Adolescent; Adult; Child; Delayed-Action Preparations; pharmacological_intervention; Pancreatic Enzyme Replacement Therapy; Supplementation; Pancreas insufficiency; Pancreatic Diseases; Gastrointestinal Diseases; Malabsorption; Nutrition Disorders; Creon; Gastrointestinal Agents;