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*Clinical Trials Study*

Responses to faecal microbiota transplantation in female and male patients with irritable bowel syndrome in a randomised, double-blind, placebo-controlled study

FMT in female and male IBS patients

**Abstract**

BACKGROUND

Faecal microbiota transplantation (FMT) seems to be a promising treatment for irritable bowel syndrome (IBS) patients. In Western countries (USA and Europe) there is a female predominance in IBS. A sex difference in the response to FMT has been reported recently in IBS patients. This study investigated whether there was a sex difference in the response to FMT in the IBS patients who were included in our previous

Match Overview

1	<b>Crossref</b> 155 words Magdy El-Salhy, Jørgen Valeur, Trygve Hausken, Jan Gunnar Hatlebakk. "Changes in fecal short-chain fatty acids followin...	4%
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## Clinical response to fecal microbiota transplantation in ...

<https://pubmed.ncbi.nlm.nih.gov/31190584>

Objectives: **Irritable bowel syndrome** (IBS) may be associated with disturbances in gut **microbiota** composition and functions. We recently performed a study of fecal **microbiota transplantation** (FMT) in diarrhea-predominant IBS (IBS-D) and found that IBS symptoms improved and the gut **microbiota** profile changed following FMT.

Cited by: 7

Author: Tarek Mazzawi, Tarek Mazzawi, Trygve Hau...

Publish Year: 2019

## Efficacy of faecal microbiota transplantation for patients ...

<https://pubmed.ncbi.nlm.nih.gov/31852769>

Objective: **Faecal microbiota transplantation** (FMT) from healthy donors to **patients with irritable bowel syndrome** (IBS) has been attempted in two previous double-blind, placebo-controlled studies. While one of those studies found improvement of the IBS symptoms, the other found no effect. The present study was conducted to clarify these contradictory findings.

Cited by: 67

Author: Magdy El-Salhy, Jan Gunnar Hatlebakk, Od...

Publish Year: 2020

### PEOPLE ALSO ASK

How is faecal microbiota transplantation used to treat IBS? ▾

Can a healthy donor be transplanted with irritable bowel syndrome? ▾

How is FMT used to treat irritable bowel syndrome? ▾

How is the intestinal microbiota related to IBS? ▾

Feedback

## Increasing the Dose and/or Repeating Faecal Microbiota ...

<https://pubmed.ncbi.nlm.nih.gov/31238507>

Results: Seven **patients** (70%) responded to the 60-g **transplant**, with significant clinical improvements in the abdominal symptoms, fatigue and quality of life in 57%, 80% and 67% of these **patients**. The 60-g **transplant** also reduced the DL. Conclusion: **FMT** is an effective treatment for IBS. A high dose **transplant**

## Irritable Bowel Syndrome

Medical Condition

### A chronic gastrointestinal disorder



A chronic gastrointestinal disorder that affects the large intestine causing diarrhea, abdominal pain, cramps, bloating and gas.

Very common (More than 3 million cases per year in US)

Rarely requires lab test or imaging

Treatments can help manage condition, no known cure

Can last several years or be lifelong

The actual cause of irritable bowel syndrome isn't well understood, but various factors seem to play a role. Symptoms include cramping, abdominal pain, bloating, gas, and diarrhea or constipation. Treatment is aimed at relieving the symptoms, it cannot be cured.

### Symptoms

The symptoms vary from one person to another. The most common ones include:

- Abdominal discomfort or pain
- Cramping or bloating