

# Review of: "Long-term beneficial effect of faecal microbiota transplantation on colonisation of multidrug-resistant bacteria and resistome abundance in patients with recurrent *Clostridioides difficile* infection"

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Potential competing interests: No potential competing interests to declare.

Dear Authors, I have read with interest your manuscript. The paper addresses an very interesting issue regarding *Clostridioides difficile* infection, a real health problem that complicates the course of the disease in a large population of patients at risk, presenting multiple recurrences, leading to a significant decrease in the quality of life. Moreover, the prevalence of MDR strains is increasing, this makes the treatment and subsequent evolution of the patient even more difficult, thus increasing the risk of recurrences. Faecal microbiota transplantation has proven its beneficial effects in a number of studies, thus increasing the chances of recovery and decreasing the risk of recurrences

I would like to address a few suggestions/ questions:

The purpose of your study was very clearly explained and the methods were sufficiently described. For this purpose, providing more details regarding the status of the patients from whom the samples were collected, including what treatments they recently followed, I consider to be of interest

Also, a short medical history of the included patients, in addition to the age categories you included, if they have had recent hospitalizations or if they have diseases associated with a high risk of immunosuppression.

I consider that the choice of statistical methods is suitable for your study and that the results were clearly expressed. The results of your study were clearly presented, supported by concrete data.

How can your study bring improvements in this field? Can the results of the study be put into practice, thus being able to better select which patients would benefit from early FMT?