gutflix
GI learning, personalised

Summary

FECAL MICROBIOTA TRANSPLANTATION FOR REFRACTORY IMMUNE CHECKPOINT INHIBITOR-INDUCED COLITIS: A PAN-EUROPEAN COHORT STUDY

Gianluca Ianiro

UEG Week Barcelona 2026 | Presentation

Mechanisms & Personalised Medicine | Gut Microbiota | Colorectal

October 20, 2026

Fecal microbiota transplantation achieved complete clinical response in 81% of patients with immune checkpoint inhibitor-induced colitis refractory to steroids and biologics in a 30-patient European multi-centre cohort.

KEY POINTS

- Over 24-week follow-up, 81% of patients achieved complete clinical response and 87% experienced clinical amelioration after FMT for refractory ICI-induced colitis.
- Median fecal calprotectin decreased from 1800 mg/g at baseline to 21 mg/g at 12 weeks post-FMT ($p<0.0001$), with corresponding reductions in CRP to 4 mg/l ($p=0.0054$) and WBC to 6 cells/µl ($p=0.016$).
- The procedure was safe with only mild adverse events; nine deaths occurred from cancer progression or opportunistic pneumonia, potentially related to prior prolonged immunosuppression, not to FMT itself.
- Baseline severe endoscopic disease predicted complete clinical response at 8 weeks (OR 0.07, 95% CI 0.003–0.69), while recent antibiotic exposure predicted FMT failure (OR 11.62, 95% CI 1.03–425.9).
- The cohort included 30 patients from seven European centres with grade 3 (60%) or grade 4 (30%) colitis refractory to steroids, with 73% previously receiving infliximab and 41% vedolizumab.
- The authors suggest earlier investigation of FMT to avoid prolonged immunosuppression and facilitate resumption of cancer immunotherapy.

VIEW THIS CONTENT ON GUTFLIX

https://gutflix.eu/search/d/b2ae828c-d12a-11f1-8f98-daaa6dbee0a2

AI-generated summary

This summary was generated by an AI large language model based on the content transcript. It is for informational purposes only and should not be considered a substitute for clinical judgment. Always rely on your professional expertise and the full clinical context when making clinical decisions.