gutflix
GI learning, personalised

Summary

# ASSESSING COLONOSCOPY ADHERENCE TO GUIDELINES: MITIGATING INAPPROPRIATE PROCEDURES AND MINIMIZING ENVIRONMENTAL IMPACT

Raj Rameshshanker

UEG Week Vienna 2024 | Poster

Colorectal

October 13, 2024

**A six-month service evaluation of 938 colonoscopies at a UK NHS trust found that 14.8% were inappropriate according to BSG/NICE guidelines, representing 933kg of avoidable CO2 emissions.**

## KEY POINTS

- Of 938 colonoscopies performed between January and June 2022, 139 (14.8%) were deemed inappropriate based on clinical indication when assessed against BSG/NICE guidelines.
- The most common inappropriate indications were alternating bowel habits with normal faecal calprotectin or FIT (34%), loose stools with normal tests (21%), and abdominal pain and bloating without prior non-invasive testing (19%).
- 7.9% of colonoscopies could have been avoided by performing less invasive tests like FIT or faecal calprotectin first, and 4.2% were repeat procedures due to inadequate bowel preparation.
- Using an estimate of 6.71kg CO2 per colonoscopy, the inappropriate procedures generated 933kg of avoidable emissions over six months, with an estimated annual carbon footprint of 3.74 tonnes.
- The authors conclude that robust vetting of colonoscopy requests could reduce carbon costs from inappropriate endoscopy.

VIEW THIS CONTENT ON GUTFLIX

https://gutflix.eu/search/d/967d9a36-9111-11ef-a959-0242ac140004

**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.