THE IMPACT OF NUTRITION SUPPORT TEAMS ON EMERGENCY ADMISSIONS FOR PERCUTANEOUS ENDOSCOPIC GASTROSTOMY COMPLICATIONS IN ENGLAND 2007-2021:A POPULATION BASED STUDY

Nigel Trudgill

UEG Week Copenhagen 2023 | Poster

Small Intestine & Nutrition

October 15, 2023

In a national English cohort of 108,515 patients, 10.8% had an emergency admission for PEG complications within 5 years of insertion, with absence of a hospital nutrition support team increasing complication admission risk by 16-20%.

KEY POINTS

- Of patients undergoing first PEG insertion in England from 2007 to 2021, 10.8% had an emergency admission due to PEG complication and 1.6% had an elective admission, with 84% of emergency admissions lasting longer than 48 hours.
- Hospitals without a nutrition support team had 60.7% emergency admissions due to mechanical PEG complications compared with 49.5% in hospitals with a nutrition support team.
- Absence of a trust nutrition support team was associated with increased risk of emergency admissions for PEG complications (adjusted hazard ratio 1.20, 95% CI 1.13-1.28) and any PEG-related complication admission (aHR 1.16, 1.09-1.23).
- Oesophageal cancer as PEG indication carried the highest risk for emergency admissions with complications (aHR 2.28, 1.99-2.62), followed by PEG insertion during emergency admission (aHR 1.38, 1.32-1.44) and dementia (aHR 1.27, 1.08-1.49).
- This population-based study addresses a gap in long-term PEG complication data and may inform resource allocation decisions regarding nutrition support teams in hospitals performing PEG insertions.

VIEW THIS CONTENT ON GUTFLIX

https://gutflix.eu/search/d/56fefa64-743c-11ee-85f4-0242ac140004

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.