gutflix
GI learning, personalised

Summary

# THE ASSOCIATION BETWEEN VARIATION IN ENDOSCOPY PRE-MEDICATION PRACTICE AND PNEUMONIA RISK FOLLOWING PERCUTANEOUS ENDOSCOPIC GASTROSTOMY

Nigel Trudgill

UEG Week Copenhagen 2023 | Poster

Small Intestine & Nutrition

October 15, 2023

**A national cohort study of 33,357 PEG insertions found that using local anaesthetic throat spray combined with sedation was associated with higher rates of pneumonia and aspiration pneumonia compared to sedation alone.**

## KEY POINTS

- Patients receiving sedation only had significantly lower pneumonia risk (OR 0.45) compared to those receiving sedation plus throat spray (OR 0.61) when benchmarked against general anaesthetic or propofol (p=0.01).
- Aspiration pneumonia risk was also lower with sedation only (OR 1.51) compared to sedation plus throat spray (OR 2.29), with statistical significance at p=0.001.
- Other factors associated with increased pneumonia risk included age over 82 years, fewer than 27 PEG procedures per trust, and PEG insertion during emergency admission.
- The authors suggest endoscopists should reconsider the appropriateness of throat spray use in this already high-risk population.
- This retrospective cohort study using Hospital Episode Statistics and National Endoscopy Database data from 2016-2022 is relevant to gastroenterologists and endoscopists performing PEG procedures.

VIEW THIS CONTENT ON GUTFLIX

https://gutflix.eu/search/d/5a291864-743c-11ee-b281-0242ac140004

**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.