gutflix
GI learning, personalised

Summary

SAFETY OF ENDOSCOPIST-DIRECTED NURSE-ADMINISTERED SEDATION IN AN ITALIAN REFERRAL HOSPITAL: RETROSPECTIVE AUDIT ON 2 YEARS AND 19.407 PATIENTS

Helga Bertani

UEG Week Copenhagen 2023 | Poster

October 15, 2023

A retrospective Italian audit of 19,407 endoscopic procedures over two years found that nurse-administered propofol sedation under endoscopist supervision was associated with low rates of adverse events in low-risk patients.

KEY POINTS

- Balanced propofol sedation was administered by trained nurses under endoscopist guidance in 14,415 patients undergoing EGDS, colonoscopy, EUS, ERCP, or PEG procedures between October 2020 and October 2022
- Minor adverse events included hypotension in 6% of examinations requiring fluid infusion in 26% of those cases, bradycardia in 0.9% requiring atropine in 72.8% of those cases, and minor respiratory events in 0.06% of patients
- Major adverse events requiring orotracheal intubation occurred in at least one patient, with one case involving a 63-year-old with previously undiagnosed amyotrophic lateral sclerosis
- All endoscopists and nurses received continuous scheduled training from 2006, and the sedation protocol involved midazolam 1-2mg followed by propofol boluses of 10-20mg with weight-based fentanyl when indicated
- The authors concluded that this sedation approach appears safe in low-risk patients, though the study had limitations including potential recall bias for adverse events caused by the examination itself rather than sedation

VIEW THIS CONTENT ON GUTFLIX

https://gutflix.eu/search/d/7f5ae726-743b-11ee-bb1e-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.