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Manuscript Type: SYSTEMATIC REVIEWS

Proton pump inhibitors use increases hepatic encephalopathy risk: A systematic review and meta-analysis

Ma YJ *et al.* PPI use and hepatic encephalopathy: A meta-analysis

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6
Abstract

BACKGROUND

Several studies have been conducted to explore the association between the use of proton pump inhibitors (PPIs) and hepatic encephalopathy (HE) risk in patients with liver cirrhosis. However, their results were controversial.

AIM

To perform a systematic review and meta-analysis aimed to evaluate the HE risk among PPI users.

METHODS

A systematic search on PubMed, Web of Science, EMBase, and ScienceDirect

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... that **proton pump inhibitors (PPIs) use** can **increase** the **risk** of developing **hepatic encephalopathy** ...

Keywords: **hepatic encephalopathy**, meta-analysis, microbiota, **proton pump inhibitors** ... **Systematic Review and Meta-Analysis** M edicine®.

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esophageal reflux disease; HE, hepatic encephalopathy; H2RA, histamine. H2-receptor antagonists
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