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Dear Professor Lin:

We are delighted to invite you to give us a lecture concerning management of peptic ulcer bleeding in the Emergency Department of our hospital on Feb 13, 2024. This topic is very important for staffs of Emergency, and we wish you can accept our invitation. With best regards

Alex, J Lin, DO  
Department of Emergency  
September 26, 2023



# Role of proton pump inhibitors in the management of peptic ulcer bleeding

Hwai-Jeng Lin. World J Gastrointest Pharmacol Ther. 2010.

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## Abstract

Peptic ulcer bleeding is a serious medical problem with significant morbidity and mortality. Endoscopic therapy significantly reduces further bleeding, surgery and mortality in patients with bleeding peptic ulcers and is now recommended as the first hemostatic modality for these patients. The efficacy of large-dose proton pump inhibitor (PPI) therapy in reducing re-bleeding after endoscopic therapy has been supported by evidence derived from randomized controlled trials. It may be premature to recommend small-dose intravenous injection PPI after endoscopic hemostasis in patients with bleeding ulcers. An updated systematic review shows that PPI therapy before endoscopy significantly reduces the proportion with major stigmata and requirement for endoscopic therapy at index endoscopy. Some studies show that there is no significant difference between oral and intravenous PPIs in raising intragastric pH. However, clinical data is lacking in patients with peptic ulcer bleeding to date.

**Keywords:** Endoscopic therapy; Hemostasis; Peptic ulcer bleeding; Proton pump inhibitor; Re-bleeding

Gastrointestinal bleeding

## **Adjuvant pharmacotherapy for peptic ulcer bleeding**

[Yao-Chun Hsu](#) & [Hwai-Jeng Lin](#) 

*[Nature Reviews Gastroenterology &](#)*

*[Hepatology](#)* **6**, 450–452 (2009) | [Cite this article](#)

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**Findings from a new, multinational, randomized, controlled trial suggest that histamine receptor 2 antagonists and PPIs are equal in their ability to control peptic ulcer rebleeding.**

**However, several methodological issues of this study limit the conclusions that can be drawn from it.**