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**Name of Journal:** *World Journal of Gastrointestinal Endoscopy*

**Manuscript NO:** 49741

**Manuscript Type:** ORIGINAL ARTICLE

*Retrospective Cohort Study*

**Endoscopic treatment modalities and outcomes in nonvariceal upper gastrointestinal bleeding**

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**Abstract**

**BACKGROUND**

In nonvariceal upper gastrointestinal bleeding (NVUGIB), the optimal volume of adrenaline, the optimal number of hemoclips, and the application of thermal coagulation

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The current endoscopic modalities to treat nonvariceal upper GI bleeding include **injection therapy** (typically of diluted adrenaline), thermal coagulation therapy and mechanical treatments (clips and band ligators).

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### Nonvariceal Upper Gastrointestinal Bleeding | Clinical Gate

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Introduction. **Upper gastrointestinal (GI) bleeding** is a common GI emergency. Frequency of occurrence is 40 to 150 cases per 100,000 in the Western population, and it accounts for a total expenditure of \$2.5 billion annually in the United States. 1, 2 Significant advances have been made not only in decreasing the overall incidence, but also in **treatment** (medical **treatment** and **endoscopic** ...

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## Gastrointestinal Bleeding

Medical condition

Gastrointestinal (GI) bleeding is a symptom of a disorder in your digestive tract. The blood often appears in stool or vomit but isn't always visible, though it may cause the stool to look black or tarry.

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### Symptoms

Symptoms like changes in bowel habits, stool color (to black or red) and consistency and the presence of pain or tenderness may tell the doctor which area of the GI tract is affected. Because the intake of iron, bismuth or foods like beets can...

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### Causes

GI bleeding may be due to conditions that are not serious, including:

- Anal fissure
- Hemorrhoids

GI bleeding may also be a sign of more serious diseases and conditions. These may include cancers of the GI tract such as:

- Cancer of the colon
- Cancer of the...

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### Treatments

Endoscopy is the primary diagnostic and therapeutic procedure for most causes of GI bleeding. Active bleeding from the upper GI tract can often be controlled by injecting chemicals directly into a bleeding site with a needle introduced through...

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