

## Review Article

### PEPTIC ULCER DISEASE & IT'S TREATMENT: A REVIEW

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Peptic ulcer disease (PUD) is one of the most common gastrointestinal disorders worldwide, characterized by a mucosal break in the gastric or duodenal lining due to an imbalance between aggressive (acid, pepsin, Helicobacter pylori, NSAIDs) and defensive (mucus-bicarbonate barrier, prostaglandins, blood flow) factors. The management of PUD has evolved from symptomatic relief to targeted eradication of H. pylori and prevention of NSAID-related damage, with proton pump inhibitors (PPIs) forming the cornerstone of modern anti-secretory therapy. This review summarizes the current understanding of pathophysiology, risk factors, diagnostic approaches, ((and evidence-based treatment strategies for PUD, with emphasis on H. pylori eradication regimens, role of NSAIDs, and emerging therapeutic options

**Keywords:** pathophysiology, risk factors, diagnostic approaches, ((and evidence-based treatment strategies for PUD, with emphasis on H. pylori eradication regimens, role of NSAIDs.

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