

pharm**EDGE**

UNLOCKING THE POWER OF OMEPRAZOLE AND NSAIDS

*A Winning Co-Prescription for Pain Relief and
Gastric Wellness*





Need of gastro-protection in NSAID-induced Ulcer

To prevent NSAID-induced gastropathy, **three strategies are followed in clinical routine**: co-prescription of a gastroprotective drug, use of selective COX-2 inhibitors, eradication of *Helicobacter pylori*

Proton pump inhibitors like Omeprazole is used as the comedication of choice as they effectively reduce gastrointestinal adverse events of NSAIDs and are safe even in long-term use

PPIs control both **basal and food-stimulated acid secretions**, producing complete and longer-lasting acid suppression than H2 receptor antagonists (H2RAs)

Epidemiology

According to global estimates, **NSAIDs** are some of the most frequently utilized medications worldwide and taken by approximately **30 million people per day**



>111 million
prescriptions are written for **NSAIDs**
in the USA annually



Use of NSAIDs, and in particular chronic use, increases with age, with an estimated 10–40% of people aged over 65 years using prescribed or OTC NSAIDs daily



Omeprazole was prescribed around

- **In 2004, 16 million times**
- **In 2021, 54.6 million times**

Omeprazole in NSAID-induced Ulcers

