

**Name of Journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 48308

**Manuscript Type:** ORIGINAL ARTICLE

*Basic Study*

**STW 5 is effective against nonsteroidal anti-inflammatory drugs induced gastro-duodenal lesions in rats**

Khayyal MT *et al.* STW 5 protects against diclofenac-induced lesions

Mohamed T Khayyal, Walaa Wadie, Enas A Abd El-Haleim, Kawkab A Ahmed, Olaf Kelber, Ramy M Ammar, Heba Abdel-Aziz

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## A randomised clinical trial comparing the efficacy of a ...

<https://www.ncbi.nlm.nih.gov/pubmed/12055663>

A randomised clinical trial comparing the **efficacy** of a **herbal preparation STW 5** with the prokinetic drug cisapride in patients with dysmotility type of functional dyspepsia. There were no statistical significant differences for the secondary endpoints. **CONCLUSION:** In this **study STW 5** and the research **preparation STW 5-II** showed equivalent **efficacy** to cisapride for the treatment of patients with ...

Cited by: 94

Author: Rösch W, Vinson B, Sassin I

Publish Year: 2002

## The herbal preparation STW 5 (IberogastR) desensitizes ...

[https://www.researchgate.net/publication/8129370\\_The\\_herbal...](https://www.researchgate.net/publication/8129370_The_herbal...)

The **herbal preparation STW 5 (IberogastR)** desensitizes intestinal afferents in the rat small intestine1  
Article in Neurogastroenterology and Motility 16(6):759-64 · December 2004 with 91 Reads

## Effect of an Herbal Preparation, STW 5, in an Acute Model ...

[https://www.researchgate.net/publication/44613647\\_Effect\\_of\\_an...](https://www.researchgate.net/publication/44613647_Effect_of_an...)

An **herbal preparation, STW 5**, used clinically in functional **dyspepsia** and **irritable bowel syndrome**, has been shown to possess properties that may render it useful in **inflammatory bowel disease (IBD)**.

## Mechanisms involved in the gastro-protective effect of STW ...

<https://www.sciencedirect.com/science/article/pii/S0944711306000742>

Nov 24, 2006 · For the assessment of the **antisecretory** and cytoprotective activities of **STW 5**, the lyophilized extracts were reconstituted with water before use to give the same concentration as in the original **alcoholic** extracts. In this way, the possible interfering effect of **alcohol** in the original **alcoholic** extracts was obviated.

Cited by: 52

Author: M.T. Khayyal, M. Seif-El-Nasr, M.A. El-G...

Publish Year: 2006

## iberogast Publications | PubFacts

<https://www.pubfacts.com/search/iberogast> ▾

Clinical **studies** with the fixed **herbal** combination product **STW 5 (Iberogast)** have indicated an **efficacy** comparable to metoclopramide (5-HT(3) antagonist) and cisapride (5-HT(4) agonist) in functional gastro-intestinal diseases like functional dyspepsia (FD) and irritable bowel syndrome (IBS).

## Standardized herbal treatments on functional bowel ...

[onlinelibrary.wiley.com/doi/10.1111/nmo.12384/abstract](https://onlinelibrary.wiley.com/doi/10.1111/nmo.12384/abstract)

Abstract. Only a few products, however, are standardized and are backed by scientific evidence. This





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## Rescue strategies against non-steroidal anti-inflammatory ...

[onlinelibrary.wiley.com/doi/10.1111/j.1440-1746.2009.05929.x/full](https://onlinelibrary.wiley.com/doi/10.1111/j.1440-1746.2009.05929.x/full)

Jul 29, 2009 · (a) Endoscopic photos showing non-steroidal anti-inflammatory **drug** (NSAID)-**induced** gastropathy. Active bleeding gastric ulcer, perforated gastric ulcer, and duodenal ulcer perforated or vessel exposure case are serious complications associated with NSAIDs, leading to mortality. (b) Biosynthesis of eicosanoids from arachidonic acid.

Published in: [Journal of Gastroenterology and Hepatology](#) · 2009

Authors: [Yun Jeong Lim](#) · [Jeong Sang Lee](#) · [Yang Suh Ku](#) · [Ki Baik Hahm](#)

Affiliation: [Dongguk University](#) · [Gachon University](#)

About: [Toxicity](#) · [Cyclooxygenase](#) · [Prostaglandin-Endoperoxide Synthase](#) · [Enzyme](#) · [Gastro...](#)

## Preventive effect of irsogladine or omeprazole on non ...

<https://bmcgastroenterol.biomedcentral.com/articles/10.1186/1471-230X-13-85> ▼

May 14, 2013 · Proton-pump inhibitors such as omeprazole are a standard treatment to prevent non-steroidal anti-inflammatory **drug-induced** upper gastrointestinal mucosal injuries. However, it is unclear which **drugs** may protect **against** all NSAID-**induced** digestive-tract injuries. Here, we compare the efficacy of the gastromucoprotective **drug** irsogladine with omeprazole in preventing NSAID-**induced** ...

**Cited by:** 21      **Author:** [Takanori Kuramoto](#), [Eiji Umegaki](#), [Sadaha...](#)

**Publish Year:** 2013      **Author:** [Takanori Kuramoto](#)

## Non-steroidal anti-inflammatory drugs and colorectal ...

<https://pmj.bmj.com/content/81/954/223> ▼

Data obtained from animal and epidemiological studies and most recently from randomised, placebo controlled trials, suggest that non-steroidal anti-inflammatory **drugs** may prove **effective** chemopreventive agents in different groups of people, from patients with familial adenomatous polyposis to those with sporadic adenomas.

**Cited by:** 12      **Author:** [S Sangha](#), [M Yao](#), [M M Wolfe](#)

**Publish Year:** 2005      **Online:** ISSN 1469-0756



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STW 5 is effective against nonsteroidal anti-inflammatory drugs induced gastro-d



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## Preventive effect of irsogladine or omeprazole on non ...

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Cited by: 21

Author: Takanori Kuramoto, Eiji Umegaki, Sadaharu...

Publish Year: 2013

Author: Takanori Kuramoto

## Lansoprazole prevents experimental gastric injury induced ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4502102>

Jul 14, 2005 · AIM: This study investigated the mechanisms of protection afforded by the proton pump inhibitor lansoprazole **against** gastric injury **induced** by different non-steroidal anti-inflammatory **drugs** (NSAIDs) in rats. METHODS: Male Sprague-Dawley rats were ...

Cited by: 76

Author: C Blandizzi, M Fornai, R Colucci, G Natale, L...

Publish Year: 2005

## Rescue strategies against non-steroidal anti-inflammatory ...

[onlinelibrary.wiley.com/doi/10.1111/j.1440-1746.2009.05929.x/full](https://onlinelibrary.wiley.com/doi/10.1111/j.1440-1746.2009.05929.x/full)

Jul 29, 2009 · (a) Endoscopic photos showing non-steroidal anti-inflammatory **drug** (NSAID)-induced gastropathy. Active bleeding gastric ulcer, perforated gastric ulcer, and duodenal ulcer perforated or vessel exposure case are serious complications associated with NSAIDs, leading to mortality. (b) Biosynthesis of eicosanoids from arachidonic acid.

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Affiliation: Dongguk University · Gachon University

About: Toxicity · Cyclooxygenase · Prostaglandin-Endoperoxide Synthase · Enzyme · Gastroen...

## Current Perspectives in NSAID-Induced Gastropathy

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3610380>

Mar 12, 2013 · **Nonsteroidal** anti-inflammatory **drugs** (NSAIDs) are the most highly prescribed **drugs** in the world. Their analgesic, anti-inflammatory, and antipyretic actions may be beneficial; however, they are associated with severe side effects including gastrointestinal injury and peptic ulceration.

Cited by: 73

Author: Mau Sinha, Lovely Gautam, Prakash Kumar...

Publish Year: 2013

Academic Editor: Eduardo Arranz