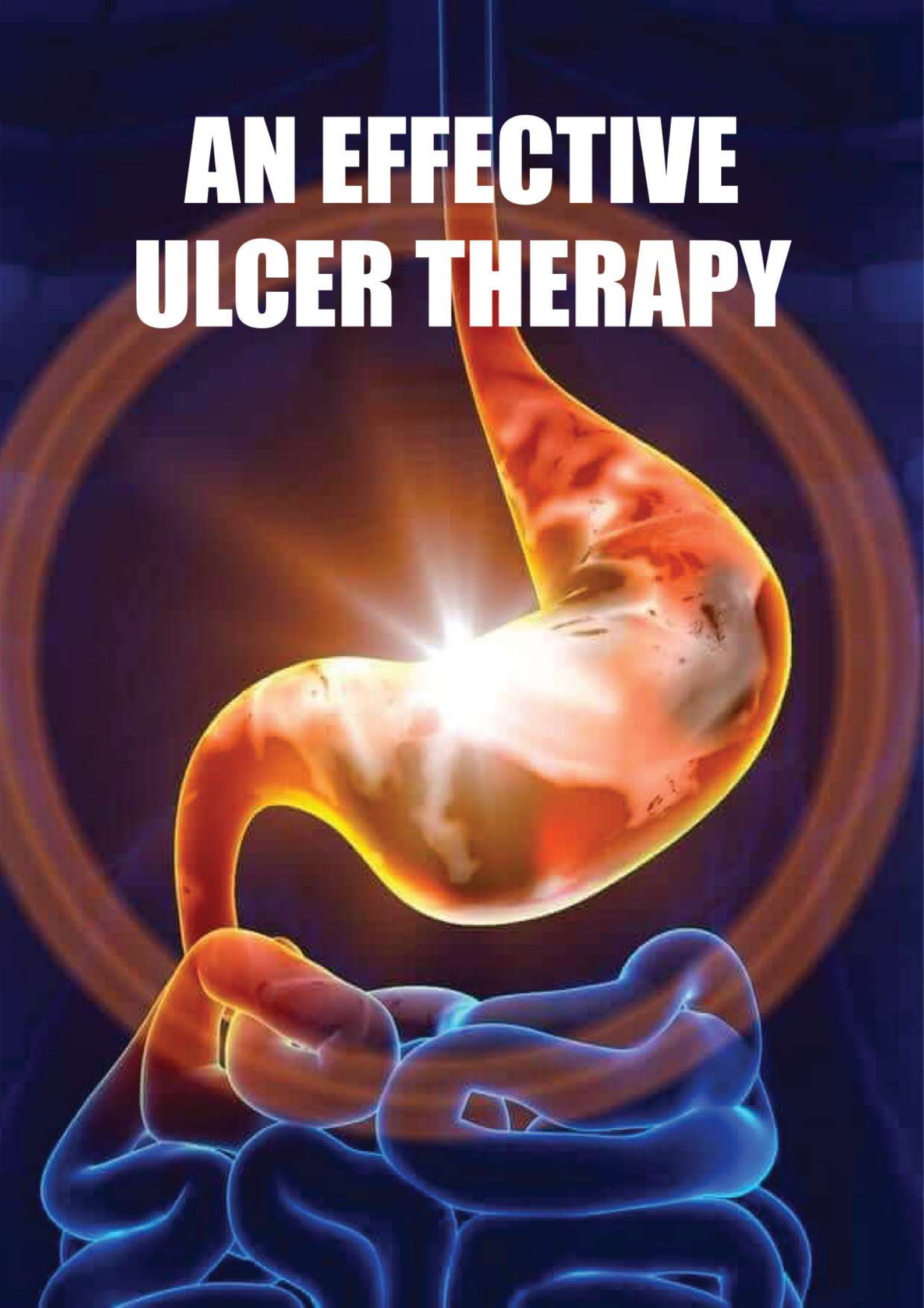


# **AN EFFECTIVE ULCER THERAPY**



## DESCRIPTION:

Gelusil syrup is a pure herbal antacid formulated with pure extracts of ginger and licorice. Licorice has been shown to be most effective for the healing of stomach and duodenal ulcers. It resists the irritating effects of stomach acid and is also effective in preventing abdominal pain, gas and bloating.

## INDICATIONS:

Stomach  
ulcers

Duodenal  
ulcers

Heartburn

Gas &  
flatulence

Indigestion

## ROLE OF INGREDIENTS:

### LICORICE:

- An effective remedy for the healing of stomach and duodenal ulcers.
- Eases symptoms of indigestion, heartburn and ulcers.
- Protect the stomach and duodenum by increasing production of mucin, a substance that protects the lining of these organs against stomach acid and other harmful substances.

### GINGER:

- Clinically proven to be effective in preventing nausea and vomiting.
- Exhibits anti-inflammatory, analgesic, and antibacterial properties that aid in healing stomach ailments.
- Helps to ease bloating, cramping, and gas.

### How ginger works for ulcer?

Ginger is also shown to be effective in preventing gastric ulcers induced by nonsteroidal anti-inflammatory drugs, acetic acid and Helicobacter pylori-induced gastric ulcerations in laboratory animals. Various preclinical and clinical studies have also shown ginger to possess anti-emetic effects against different emetogenic stimuli.

### How does licorice work for ulcer?

Licorice extract has been used for peptic ulcer and as an alternative to bismuth that has a protective role against acid and pepsin secretions by covering the site of lesion and promoting the mucous secretion.



## Anti-inflammatory activity and safety of compound glycyrrhizin in ulcerative colitis

### Compound glycyrrhizin for ulcerative colitis



#### Our findings

There was a significant association of compound glycyrrhizin with TNF- $\alpha$ , IL-6, IL-8, IL-10, IL-17, adverse effects rate and recurrence rate. In addition, compound glycyrrhizin can alleviate the adverse effects of conventional drugs (e.g. sulfasalazine), but it can also lead to edema.

#### What is glycyrrhizin

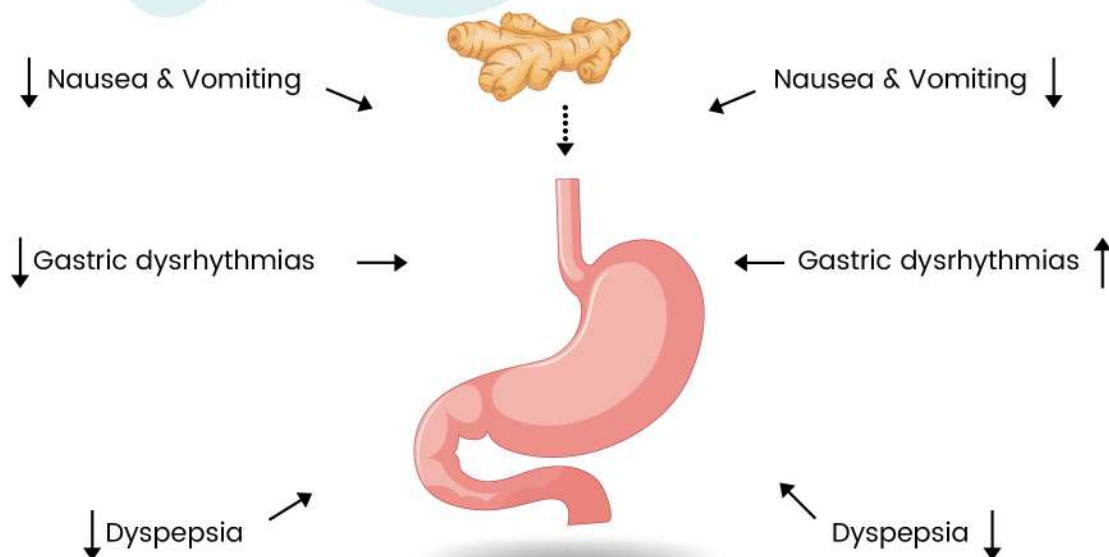
Glycyrrhizin, a bioactive triterpenoid saponin, is the major active component of Chinese herbal medicine Gan-Cao (licorice) with anti-inflammatory activity. In addition, glycyrrhizin can be used as food additive in soybean paste, soy sauce and pickles.



#### Conclusions

These results supported the anti-inflammatory activity of compound glycyrrhizin. Further studies are required on the safety of compound glycyrrhizin and its mitigative effects on the adverse effects of conventional drugs.

### Gastroprotective effects of ginger



Ginger is also shown to be effective in preventing gastric ulcers induced by nonsteroidal anti-inflammatory drugs and *Helicobacter pylori*-induced gastric ulcerations in laboratory animals.

## BENEFITS:

- Effective remedy for the healing of stomach and duodenal ulcers.
- Helps with gastric ulcers caused by H. pylori bacteria.
- Works wonders for digestive health and soothes an upset stomach.
- Reduces the symptoms of indigestion and heartburn.
- Exhibits anti-inflammatory properties and encourages bowel movement.

*Natural way to get rid of peptic and duodenal ulcers.*

*Pure natural combination of licorice and ginger*

*Acts as anti-inflammatory and analgesic*

*No additives, No caffeine, No gluten*

*Enticing and soothing licorice aftertaste*

## COMPOSITION:

Each 5ml contains:

Powdered Licorice root Extract (USP) .....

Powdered Ginger Extract (MS) .....

333 mg  
7.00 mg

## DOSAGE:

For children:

1 teaspoon daily before meal or bedtime or as directed by the physician.

1 چائے کا چمچ روزانہ کھانے یا سونے سے پہلے یا ڈاکٹر کی ہدایت کے مطابق استعمال کریں۔

For Adults:

2 teaspoons 1-2 times daily before meal or bedtime or as directed by the physician.

2 چائے کے چمچ روزانہ 1-2 بار کھانے یا سونے سے پہلے یا ڈاکٹر کی ہدایت کے مطابق استعمال کریں۔

## PRESENTATION:

Available in 120 ml Amber Pet Bottle

## REFERENCES:

<https://www.sciencedirect.com/science/article/pii/S1756464622000743>  
<https://pubs.rsc.org/en/content/articlelanding/2013/fo/c3fo30337c>

