

*Fine Tune the Untuned!!!*



**NOW AVAILABLE IN**

**HIGHER**

**STRENGTH**

**300 MG**

# Acotibien

Acotiamide Hydrochloride Hydrate 100 mg & 300 mg SR Tablets

La Renon

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Acotiamide Hydrochloride Hydrate 100 mg & 300 mg SR Tablets

## BACKGROUND :

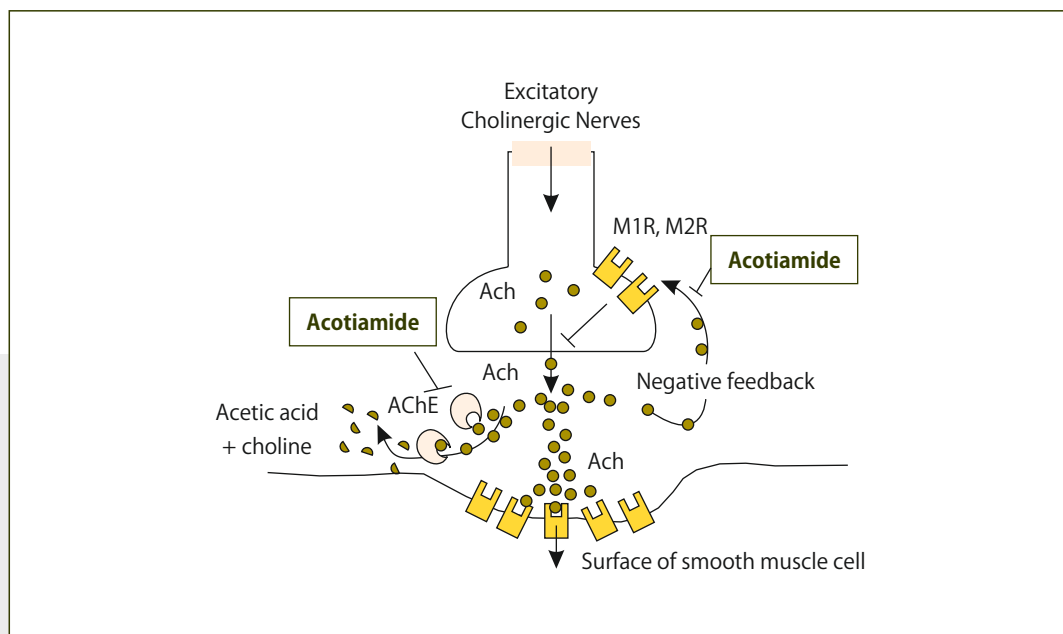
Functional dyspepsia (FD) is a chronic disorder of sensation and movement (peristalsis) in the upper digestive tract. According to ROME III criteria, FD is defined as the presence of symptoms originated in the Gastro-duodenal region (i.e Postprandial Fullness, Early Satiation, Epigastric Pain and Burning)<sup>1</sup>

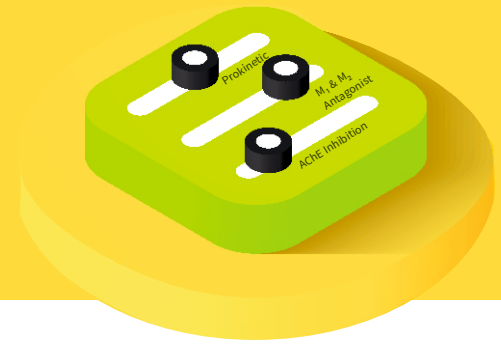
The prevalence of dyspepsia varies considerably between different populations. FD prevalence rates of 30.4% are seen in India.<sup>2</sup>

## ACOTIAMIDE IN ACOTIBIEN :

It is a prokinetic agent, which enhances Acetylcholine (ACh) release by acting as an antagonist of M<sub>1</sub> and M<sub>2</sub> Muscarinic receptor and inhibits the acetylcholinesterase activity.<sup>3</sup>

It enhances electrically stimulated contractions and the release of ACh in the gastric antrum, thus facilitates motility and contraction of stomach in patients with Functional Dyspepsia.<sup>3</sup>





## CLINICAL EVIDENCE :

**Efficacy and Safety of Orally Administered Acotiamide Extended-Release Tablets Among Functional Dyspepsia-Postprandial Distress Syndrome Patients : A Randomized, Double-Blind, Multicentre Study :**

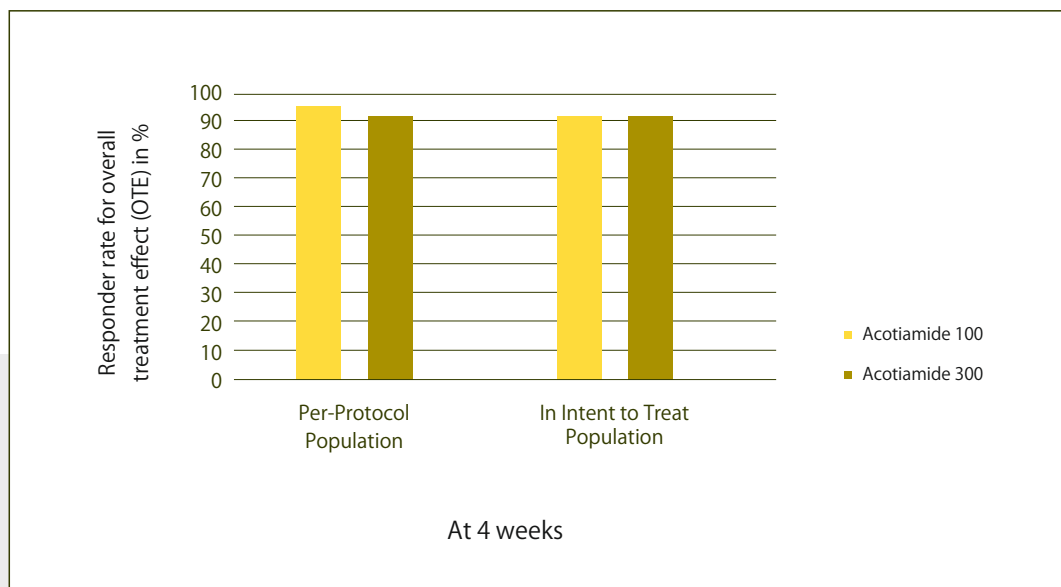
**Patients :** 219 Patients | **Duration :** 4 Weeks

## DOSAGE :

**Test Group :** Acotiamide ER 300 mg and placebo 100 mg in the morning and placebo 100 mg in the evening and night before meal.

**Reference Group :** Acotiamide 100 mg and placebo 300 mg in the morning and Acotiamide 100 mg in the evening and night before meal.

## RESULT :



Both the formulations of acotiamide significantly improved symptom severity and eliminated meal-related symptoms in patients with FD

## CONCLUSION :

The efficacy and safety of acotiamide ER 300 mg once daily were observed to be comparable to acotiamide immediate release 100 mg thrice daily. A significant improvement in QoL over a four-week treatment period in FD-PDS patients was observed.

# Acotibien

Acotiamide Hydrochloride Hydrate 100 mg & 300 mg SR Tablets

## DESCRIPTION :

Acotibien contains Acotiamide hydrochloride hydrate and available as 100 mg and 300 mg sustained release tablets.

Acotiamide, is the world's first-in-class, prokinetic drug and world's first approved treatment for postprandial distress syndrome (PDS) symptoms of functional dyspepsia (FD).<sup>4</sup>

## INDICATIONS :

In Functional Dyspepsia

◆ Postprandial Fullness ◆ Epigastric Pain & Early Satiety ◆ Bloating after Meals

## KEY FEATURES :

◆ Increases gastric motility ◆ Increases gastric contractions ◆ Fewer side effects

## MECHANISM OF ACTION :

Acotiamide is a novel gastroprokinetic drug that exerts its activity via muscarinic receptor inhibition, which results in enhanced acetylcholine release and via inhibition of acetylcholinesterase activity in the stomach.

## DOSAGE :

### Acotibien-100 :

Acotibien 100 mg TID before meals or as prescribed by healthcare professionals.

### Acotibien-300 :

Acotibien 300 mg SR once a daily before meals or as prescribed by healthcare professionals

## References :

1. Digestion; 84: 261-268: 2011 | 2. SUPPLEMENT TO JAPI • MARCH 2012 • VOL. 60 | 3. Clinical and Experimental Gastroenterology; 9: 2016 | 4. DOI: 10.7759/cureus.14361

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