

La Renon<sup>®</sup>



**LAREGAB<sup>™</sup>**  
GABAPENTIN 300 mg CAPSULES

**LAREGAB-AT<sup>™</sup>**  
GABAPENTIN 300 mg & AMITRIPTYLINE 10 mg  
TABLETS

NOW INTRODUCING

**LAREGAB-AT<sup>™</sup> LS**  
GABAPENTIN 100 mg & AMITRIPTYLINE 10 mg TABLETS

# LAREGAB™

GABAPENTIN 300 mg CAPSULES

# LAREGAB-AT™

GABAPENTIN 300 mg & AMITRIPTYLINE 10 mg TABLETS

# LAREGAB-AT LS™

GABAPENTIN 100 mg & AMITRIPTYLINE 10 mg TABLETS

## Indication:

For the management of Neuropathic Pain.

## Composition:

**Laregab-300:** Gabapentin-300 mg

**Laregab AT:** Gabapentin-300 mg and Amitriptyline -10 mg

**Laregab-AT LS:** Gabapentin-100 mg and Amitriptyline -10 mg.

## Mechanism of Action:

The mechanism by which Gabapentin exerts its analgesic action is unknown, but in animal models of analgesia, gabapentin prevents allodynia (pain-related behavior in response to a normally innocuous stimulus) and hyperalgesia (exaggerated response to painful stimuli).

It's believed that Gabapentin interacts with cortical neurons at auxiliary subunits of voltage - sensitive calcium channels. Gabapentin increases the synaptic concentration of GABA, enhances GABA responses at non-synaptic sites in neuronal tissues, and reduces the release of mono-amine neurotransmitters. One of the mechanisms implicated in this effect of gabapentin is the reduction of the axon excitability measured as an amplitude change of the presynaptic fiber volley (FV) in the CA1 area of the hippocampus. This is mediated through its binding to presynaptic NMDA receptors. Other studies have shown that the antihyperalgesic and antiallodynic effects of gabapentin are mediated by the descending noradrenergic system, resulting in the activation of spinal alpha2-adrenergic receptors. Gabapentin has also been shown to bind and activate the adenosine A1 receptor.

## Dosage:

### Neuropathic Pain –

Laregab therapy may be initiated at dosage of 100-300 mg at bedtime or 100-300 mg thrice a day. Maximum tolerable dose 3600mg/day<sup>1</sup> Or as prescribed by the Registered Medical Practitioner.

### Post herpetic Neuralgia:

Laregab therapy may be initiated as a single 300-mg dose on Day 1, 600 mg/day on Day 2 (divided BID), and 900 mg/day on Day 3 (divided TID). The dose can subsequently be titrated up as needed for pain relief to a daily dose of 1800 mg (divided TID)<sup>2</sup> Or as prescribed by the Registered Medical Practitioner.

## Administration:

Laregab is given orally with or without food.

<sup>1</sup> R.H. Dworkin et al. / Pain 132 (2007) 237–251

<sup>2</sup> Acta Anaesthesiol Taiwan. 2005 Jun;43(2):73-7.

## La Renon Healthcare

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