

In Neuropathic Pain,



Pregabalin Capsules 50 mg & 75 mg

PBREN-M

Pregabalin Capsules with Methylcobalamin 75 mg & 750 mcg



Pregabalin (75mg) with Nortriptyline (10mg) Tablets







PBREN[™]-NT
Pregabalin (75 mg) with

Nortriptyline (10 mg) Tablets

Pregabalin Capsules
with Methylcobalamin 75 mg & 750 mcg

Indication:

PBREN is indicated for -

- A. Neuropathic pain associated with diabetic peripheral neuropathy (DPN)
- B. Postherpetic neuralgia (PHN)
- C. Adjunctive therapy for adult patients with partial onset seizures
- D. Fibromyalgia
- E. Neuropathic pain associated with spinal cord injury

Mechanism of action:

Pregabalin: Chemically Pregabalin is described (S)-3-(aminomethyl)-5-methylhexanoic acid. The exact mechanism of action of pregabalin has not been fully understood, it binds to the alpha2 Binds to the alpha2-delta (A2D) receptors of an auxiliary subunit associated with voltage with voltage-gated calcium channels in central nervous system tissues, and tissues, and thereby inhibits influx of calcium and release of glutamate, norepinephrine substance P, and other neurotransmitters.

Methylcobalamin: Methylcobalamin is active form of vitamin B12 which played a key role in the normal functioning of the brain and nervous system. It can directly participate in homocysteine metabolism. Methylcobalamin exerts its therapeutic effects on neuropathic pain through its neuro-synthesis and neuroprotective actions.

The fixed dose combination of Pregabalin 75mg/150mg + Methylcobalamin 750mcg capsules is approved by DCGI for the treatment of adult patients with peripheral neuropathy.

Nortriptyline: Nortriptyline is a tricyclic antidepressant; It inhibits the activity of such diverse agents as histamine, 5-hydroxytryptamine, and acetylcholine. It increases the pressor effect of norepinephrine but blocks the pressor response of phenethylamine.

Dosage:

For all indications, the beginning dose of Pregabalin is 150 mg/day and the Dosing recommendations are:

Indication	Dosing Regimen	Maximum Dose
DPN Pain	3 divided doses per day	300 mg/day within 1 week
PHN	2 or 3 divided doses per day	300 mg/day within 1 week. Maximum dose of 600 mg/day.
Adjunctive Therapy for Adult Patients with Partial Onset Seizures	2 or 3 divided doses per day	Maximum dose of 600 mg/day.
Fibromyalgia	2 divided doses per day	300 mg/day within 1 week. Maximum dose of 450 mg/day
Neuropathic Pain Associated with Spinal Cord Injury	2 divided doses per day	300 mg/day within 1 week. Maximum dose of 600 mg/day.

Dose should be adjusted in patients with reduced renal function.

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208-Iscon Elegance, Circle P, Prahlad Nagar Cross Roads, S.G.Highway, Ahmedabad-380015, Gujarat, India. Phone: +91-79-3046-1000 (30 lines) Fax: +91-79-3046-1001 E-mail: info@larenon.com Web: www.larenon.com

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Call me on
Mail me at