



PBREN-ET

Pregabalin 75 mg (As Prolonged Release) & Etoricoxib 60 mg Tablets

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BACKGROUND:

- ✓ Neuropathic pain is a complex chronic pain state that usually is accompanied by tissue injury. With neuropathic pain the nerve fibers themselves may be damaged. These damaged nerve fibers send incorrect signals to other pain centres.¹
- ✓ Chronic Neuropathic Pain most commonly affects the lower back and lower limbs, neck and upper limbs.²
- ✓ In the general population, prevalence rates of between 6.9% and 10% for neuropathic pain.³
- ✓ A bi-layered uncoated FDC tablet containing Pregabalin IP (75 mg) and Etoricoxib (60 mg) has recently been licensed by Central Drugs Standard Control Organization (CDSCO) to consider synergistic effects on the management of chronic back pain associated with neuropathic components.⁴

DESCRIPTION:

PBREN ET is a film coated bi layered tablet containing Pregabalin 75 mg (As Prolonged Release) and Etoricoxib 60 mg.

MECHANISM OF ACTION:

- ✓ Pregabalin binds to the $\alpha 2 - \delta$ subunit of voltage- gated calcium channels alters the kinetics and voltage dependence of calcium currents. By reducing calcium influx at nerve terminals, it reduces the release of several neurotransmitters, including glutamate, nor adrenaline, calcitonin, gene-related peptide, and substance P to which account for pregabalin's analgesic actions.⁵
- ✓ Etoricoxib is a COX-2-selective. Like any other COX-2 selective inhibitor, Etoricoxib selectively inhibit cyclooxygenase (COX-2) isoform 2, an enzyme that is involved in pain and inflammation.⁴

INDICATION:

In the treatment of chronic low back pain associated with neuropathic component.⁴

DOSAGE:

Once daily or as directed by Physician.

STORAGE:

Store below 30°C, protected from light and moisture.

References:

1. *Insights Nutr Metabol* 2017;1(1):10-18.
2. *Nat Rev Dis Primers*. 2017 Feb 16;3:17002.
3. *Diagnostics* 2021, 11, 613.
4. *Crit Rev Anal Chem*. 2020 Dec 13:1-21.
5. *J Anaesth Clin Pharmacol* 2009; 25(3): 321-326

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