

Dual

Paracetamol & Caffeine

Composition:

Dual Tablet: Each tablet contains Paracetamol BP 500 mg & Caffeine BP 65 mg.

Pharmacology:

Dual is the combination of Paracetamol (Acetaminophen) and Caffeine. It has analgesic and antipyretic properties. The presence of Caffeine increases the analgesic effect of Paracetamol. Paracetamol is one of the safest and most widely used analgesic and antipyretic. It produces analgesic action by elevation of the pain threshold and antipyresis through action on the hypothalamic heat regulating center. Caffeine is an alkaloid which is a theophylline - like Xanthine derivative. By intermolecular association with Paracetamol, Caffeine increases the solubility and transmembrane permeation of Paracetamol. In addition caffeine increases the pain threshold and tolerance of pain. Caffeine has also an intrinsic power to raise vasocranial tone in the brain, which provides another benefit to treat migraine and headache.

Indication:

Paracetamol & caffeine are indicated for the relief of fever, migraine and headache, common colds and fever, sore throat, toothache, backache, rheumatic and muscular pain, neuralgia and menstrual pain.

Dosage & Administration:

Adult & child over 12 years of age: 1-2 tablets every 4-6 hours as needed. Maximum dose is 8 tablets in 24 hours.

Children under 12 years of age: As directed by the registered physician.

Side effect:

In recommended doses, it is usually free from side effects.

Contraindication:

Patients should not take alcohol during treatment with this drug. Together, alcohol & Paracetamol may damage the liver. It is contraindicated in patients with known hypersensitivity to Paracetamol, caffeine or any other components of it.

Pregnancy & Lactation:

Although there is epidemiological evidence of the safety of Paracetamol in pregnancy & lactation, medical advice should be sought before using this product.

Drug interaction:

It increases the effect of chloramphenicol and coumarin anticoagulant. Risk of hepatotoxicity of Paracetamol may be increased in alcoholics or in patients taking other antiepileptic medications.

Precaution:

Should be given cautiously in the following cases:

In patients with hepatic and renal failure.

In patients taking other hepatotoxic medication.

Prolonged use of the drug without consulting a physician should be avoided.

Pharmaceutical Precaution:

Store in a cool and dry place, protect from light and moisture.

How Supplied

Dual Tablet: Each box contains 10x10 tablets in opaque blister pack.

Manufactured by

MEDICON Pharmaceuticals Ltd.

Mirpur, Dhaka, Bangladesh.