

MIXTAB FLU TABLETS

COMPOSITION

EACH TABLET CONTAINS:

Paracetamol BP..... 500mg
caffeine Anhydrous BP..... 30mg
chlorpheniramine Maleate BP..... 2mg

EXCIPIENTS

Maize starch, Talc , Povidone, magnesium stearate

INDICATIONS

For symptomatic relief of fever, headache, nasal congestion and rhinitis associated with influenza and common cold

DOSAGE

Adult: 1 tablet to be taken 3 to 4 times daily.

Not recommended for children below 12 years.

PHARMACOKINETICS

Paracetamol is absorbed from the gastrointestinal tract and has peak plasma concentrations occurring around 10 to 60 minutes after oral dose. The elimination half-life of paracetamol is about 1 to 3 hours. It is metabolized in the liver and excreted in urine mainly as glucuronide and sulfate conjugate.

Caffeine is absorbed readily after oral doses and is widely distributed throughout the body and passes into the CNS and into saliva. Caffeine crosses the placenta and low concentrations are also present in breast milk. It is metabolized almost completely in the liver and excreted in urine.

Chlorpheniramine Maleate is absorbed relatively slowly from the gastrointestinal tract. About 70% of chlorpheniramine in circulation is bound to plasma proteins and widely distributed in the body and enters the CNS. Chlorpheniramine maleate is extensively metabolized. Unchanged drug and metabolites are excreted primarily in the urine.

PHARMACODYNAMICS

PARACETAMOL has analgesic and antipyretic properties but has very weak anti-inflammatory properties. It is thought to act primarily in the CNS, increasing the pain threshold by inhibiting cyclooxygenase enzyme involved in prostaglandin synthesis. The pyretic properties are likely due to direct effect of the heat – regulating centres of the hypothalamus resulting in peripheral vasodilation, sweating and hence heat dissipation.

CAFFEINE is a stimulant of the central nervous system and can produce a condition of wakefulness and increased metabolic activities. Caffeine may enhance the analgesic effect

CHLORPHENIRAMINE MALEATE is histamine H₁-receptor antagonist leading to effective relief of sneezing, runny nose and other negative symptoms brought by histamine

ADVERSE/ SIDE EFFECTS

Dry mouth, blurred vision, gastro-intestinal disturbances, urinary retention, drowsiness and overdose of paracetamol may cause liver damage.

CONTRA-INDICATION

Paracetamol is contraindicated in hypersensitivity, renal and hepatic impairment

PRECAUTIONS

Consult physician when symptoms persist after 3 to 4 days of Mixtab tablet administration.

OVERDOSE

In case of overdose the patient should be given symptomatic and supportive treatment.

INTERACTIONS

Paracetamol can increase hepatic damage in alcoholics. Metoclopramide may accelerate the absorption of paracetamol. Colestyramine reduces the absorption of paracetamol if given within 1 hour of paracetamol.

PREGNANCY AND LACTATION

It should only be taken during pregnancy and lactation when prescribe by physician.

PRESENTATION

Strip pack of 50 x 4 tablets

STORAGE

Keep in cool and dry place below 30°C

KEEP OUT OF REACH OF CHILDREN

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