

MIXTAB SYRUP

COMPOSITION

EACH 5ml CONTAINS:

Paracetamol BP 125mg
chlorpheniramine Maleate BP 1mg

EXCIPIENTS

Ethanol, propylene glycol, granulated sugar, aspartame, strawberry flavor, sodium methyl paraben, sodium propyl paraben

INDICATIONS

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

DOSAGE

Children above 6 year : 10ml three times daily or as directed by the physician.

PHARMACOKINETICS

PARACETAMOL is readily absorbed from the gastrointestinal tract with peak plasma concentrations occurring about 10 to 60 minutes after oral doses. The elimination half-life of paracetamol is about 1 to 3hours. It is metabolized mainly in the liver and excreted in the urine mainly as glucuronide and sulfate conjugates.

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 primary 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.

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 syrup administration.

OVERDOSE

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

INTERACTIONS

Metoclopramide may accelerate the absorption of paracetamol. Colestyramine reduces the absorption of paracetamol if given within 1 hour of paracetamol.

PRESENTATION

packed in jacketed 60ml dark coloured bottle

STORAGE

Keep in cool and dry place below 30°C

KEEP OUT OF REACH OF CHILDREN

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