

NICOF EXPECTORANT

Composition

Each 5 ml contains:

Diphenhydramine HCL BP.....6mg

Ammonium Chloride BP60mg

Chlorpheniramine Maleate BP.....2mg

Pharmacology

Diphenhydramine, a mono-ethanolamine derivative, is a sedating antihistamine with antimuscarinic and pronounced sedative properties. Ammonium chloride acts as an expectorant by reflex stimulation of bronchial mucous glands resulting from irritation of gastric mucosa following oral administration of the drug. Chlorpheniramine Maleate: an alkylamine derivative, is a sedating antihistamine that causes a moderate degree of sedation; it also has antimuscarinic activity

Pharmacokinetics

Diphenhydramine is well absorbed from the gastrointestinal tract. Peak plasma concentrations are achieved about 1 to 4 hours after oral doses. It is widely distributed throughout the body including the CNS. It crosses the placenta and has been detected in breast milk. It is highly bound to plasma proteins. Metabolism is extensive. It is excreted mainly in the urine as metabolites; little is excreted as unchanged drug. The elimination half-life has been reported to range from 2.4 to 9.3 hours. Ammonium chloride is rapidly absorbed from the GI tract, complete absorption occurring within 3–6 hours. The drug is metabolized in the liver to form urea and hydrochloric acid. Chlorpheniramine maleate is absorbed relatively slowly from the gastrointestinal tract, peak plasma concentrations occurring about 2.5 to 6 hours after oral doses.

Indications

Nicof is used as an expectorant for the symptomatic relief of coughs and common cold.

Dosage and Administration

Children 2 - Under 6 years: 5ml 2 - 3 times daily.

Children 6 - 12 years: 10ml 2 - 3 times daily.

Adults and Children over 12 years: 15ml to 20ml 2 - 3 times daily

Or as directed by the the Physician.

Side effects

The most common side-effect of the sedating antihistamines (Diphenhydramine and Chlorpheniramine) are CNS depression, with effects varying from slight drowsiness to deep sleep, and including lassitude, dizziness, and in-coordination.

Others include headache, psychomotor impairment, and anti-muscarinic effects, such as dry mouth, thickened respiratory-tract secretions, blurred vision, urinary difficulty or retention, constipation, and increased gastric reflux. .

Interactions

Sedating antihistamines (chlorpheniramine and Diphenhydramine) may enhance the sedative effects of CNS depressants including alcohol, barbiturates, hypnotics, opioid analgesics, anxiolytic sedatives, and antipsychotics. It has been suggested that some sedating antihistamines could mask the warning signs of damage caused by ototoxic drugs such as amino-glycoside antibiotics.

Presentation

Nicof Syrup: 60 ml, 100 ml and 5 litres

Storage

Store in cool dry place below 30°C protected from light.

Keep all medicines out of reach of children.

Manufactured By:



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