

Composition

Acorex Syrup: Each 5 ml syrup contains Ambroxol Hydrochloride BP 15 mg.

Pharmacology

Acorex (Ambroxol) is a mucolytic expectorant, helps to clear chest by thinning the mucus in air passage. Chemically, Ambroxol is the active metabolite of bromhexine and possesses a greater bronchosecretolytic effect than bromhexine. Ambroxol improves sputum rheology by hydrating mechanism leading to liquefaction of mucus in the lumen of respiratory tract, thus facilitating expectoration of mucus and reducing dyspnea. It stimulates production of phospholipids of surfactant by alveolar cells, thus contributing to the lowering of superficial tension in the alveoli. It also reduces bronchial hyper-reactivity to stimuli. Ambroxol has anti-inflammatory properties owing to the inhibitory effect on the production of cellular cytokines and arachidonic acid metabolites. Ambroxol improves airway patency in patients with COPD.

Indication

Acorex (Ambroxol) is used in conditions where there are a lot of thick secretion or mucus in air passage like-

- Productive cough
- Acute and chronic inflammatory disorders of respiratory tracts associated with viscid mucus including acute and chronic bronchitis.
- Inflammatory diseases of rhinopharyngeal tract (e.g. laryngitis, pharyngitis, sinusitis and rhinitis) associated with viscid mucus.
- Asthmatic bronchitis, asthma with thick expectoration
- Bronchiectasis
- Chronic pneumonia

Dosage and Administration

Acorex should be taken after meal. Dosage should be individualized, depending on patient's condition and response. The usual recommended doses are

Adults & Children over 10 years: 10 ml Acorex Syrup 3 times a day

Children:

Under 2 years of age : 2.5 ml Acorex Syrup 2 times a day or as recommended by Physician

2-5 years of age : 2.5 ml Acorex Syrup 2-3 times a day

5-10 years of age : 5 ml Acorex Syrup 2-3 times a day

Contraindication

Acorex is contraindicated in patient with known hypersensitivity to Ambroxol or Bromhexine.

Precaution

Ambroxol should be given cautiously to patients with gastric and duodenal ulceration or convulsive disorders. Patients with hepatic and renal insufficiency should take it with caution.

Side Effect

Epigastric pain, gastric fullness may occur occasionally. Rarely allergic responses such as eruption, urticaria or angioneurotic edema has been reported.

Pregnancy and Lactation

Teratogenic and fetal toxicity studies have shown no harmful effect of Ambroxol. However, it is advised not to use it in pregnancy, especially during the 1st trimester. Safety during lactation has not yet been established.

Drug Interaction

Ambroxol should not be taken simultaneously with antitussives (e.g. Codeine) because phlegm, which has been liquefied by Ambroxol might not be expectorated.

Overdose

Serious intoxication symptoms have not been observed with the overdose of ambroxol. Brief restlessness and diarrhea have been reported.

Storage

Store in cool dry place and away from light. Keep out of the reach of children.

Packaging

Acorex Syrup: Plastic bottle containing 100 ml syrup.