

Broxidil[®]

Ambroxol Hydrochloride BP

Presentation :

Broxidil[®] Syrup: Each 5 ml of syrup contains 15 mg Ambroxol Hydrochloride BP

Pharmacology :

Ambroxol is the active metabolite of bromhexine and it has been proven that this metabolite possesses a greater bronchosecretolytic effect than bromhexine. It 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 hyperactivity. Ambroxol has anti-inflammatory properties owing to the inhibitory effect on the production of cellular cytokines and arachidonic acid metabolites. In patients with chronic obstructive pulmonary disease (COPD) it traditionally improves airway patency.

Indications :

- Productive cough
- Acute and chronic inflammatory disorders of upper and lower respiratory tracts associated with viscid mucus including acute and chronic bronchitis
- Inflammatory disease of rhinopharyngeal tract (laryngitis, Pharyngitis, sinusitis and rhinitis) associated with viscid mucus
- Asthmatic bronchitis, bronchial asthma with thick expectoration
- Bronchiectasis
- Chronic pneumonia

Dosage and Administration :

Average daily dose (preferably after meal)

Broxidil[®] Syrup:

2-5 years old : 2.5 ml (1/2 teaspoonful), 2-3 times a day

5-10 years old : 5 ml (1 teaspoonful), 2-3 times a day

10 years old and adults : 10 ml (2 teaspoonful), 3 times a day

Side Effects :

Gastrointestinal side effects like epigastric pain, stomach overfill feeling may occur occasionally. Rarely allergic responses such as eruption, urticaria or angioneurotic edema has been reported.

Contraindications:

Contraindicated in known hypersensitivity to Ambroxol or Bromhexine.

Precautions :

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.

Drug Interactions :

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

Use in Pregnancy and Lactation :

Teratogenic and foetal 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 been established yet.

Storage Conditions ;

- Protect from direct light exposure.
- Store in dry place at a temperature not exceeding 30^o C.
- Keep out of the reach of children.

How Supplied :

Broxidil[®] Syrup: Each bottle contains 100 ml syrup and a measuring cup.

® Registered Trade Mark

Manufactured by



Ziska Pharmaceuticals Ltd.

Gazipur, Bangladesh