

Rixol

Ambroxol Hydrochloride

COMPOSITION:

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

PHARMACOLOGY:

Rixol contains Ambroxol which 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 mechanisms leading to liquefaction of mucus in the lumen of respiratory tract, thus facilitating expectoration of mucus and reducing dyspnoea. It stimulates production of phospholipid of surfactant by alveolar cells, thus contributing to the lowering of superficial tension in the alveoli. It also reduces bronchial type reactivity.

Ambroxol has anti-inflammatory properties owing to the inhibitory effect on the production of cellular cytokines and Arachidonic acid metabolites. In patients with COPD, it traditionally improves airway patency. After oral administration, Ambroxol is absorbed rapidly, and it undergoes first pass metabolism through the liver (bioavailability 70%). Half life is approximately 9-10 hours and Ambroxol is excreted in the urine in the form of different inactive metabolites.

INDICATION:

Productive cough, acute and chronic inflammatory disorders of respiratory tracts concomitant with formation of viscous and hardly separated expectoration, acute and chronic inflammatory disease of rhinopharyngeal tract (laryngitis, pharyngitis, sinusitis and rhinitis) associated with viscid mucus. Asthmatic bronchitis, bronchial asthma with thick, hard expectoration, bronchiectasis and chronic pneumonia.

DOSAGE AND ADMINISTRATION:

(Preferably after meal) :

Syrup: *2-5 year:* 2.5 ml (1/2 teaspoon), 2-3 times a day. *5-10 years :* 5 ml (1 teaspoon), 2-3 times a day. *10 years and adults :* 10 ml (2 teaspoon), 3 times a day.

Specific application features : Ambroxol may be prescribed to patients suffering from diabetes mellitus.

CONTRAINDICATION:

First trimester of pregnancy, gastroduodenal ulcer and hypersensitivity to any component of the preparation.

SIDE EFFECTS:

Ambroxol is well tolerable; however, rarely allergic responses such as skin eruption, urticaria or angio-neurotic oedema may occur. When used for a long time, epigastric pain, stomach overfill feeling cannot be excluded.

USE IN PREGNANCY AND LACTATION:

Pregnancy: Foetal toxicity and teratogenic study has shown no harmful effect. However it is advised not to use it in pregnancy, especially during the first trimester.

Lactation: Safety during lactation has not been established yet.

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.

PHARMACEUTICAL PRECAUTION:

It should be stored in a cool and dry place, protected from light and moisture.

HOW SUPPLIED:

Rixol Syrup: Each PET bottle contains 100 ml syrup & measuring cup, with a measuring spoon.

Manufactured by:



MEDICON Pharmaceuticals Ltd.
Mirpur, Dhaka, Bangladesh