

Asnil

Salbutamol

COMPOSITION

Asnil syrup: Each 5 ml syrup contains 2 mg Salbutamol as Salbutamol Sulphate BP.

PHARMACOLOGY

Salbutamol (**Asnil**) is a synthetic sympathomimetic amine, commercially available as its sulphate salt. It is β_2 -adrenoreceptor agonist, which stimulates β -adrenergic receptors. It is believed that β -adrenergic agonists stimulate the production of cyclic adenosine monophosphate (cAMP) which appears to mediate numerous cellular responses. Salbutamol (**Asnil**) appears to act on uterine and vascular smooth muscles (β_2 -receptors) than on β -adrenergic receptors of the heart (β_1 -receptors). The main effect following oral administration of salbutamol is bronchodilation resulting from relaxation of smooth muscles of the bronchial tree.

INDICATION

Salbutamol (**Asnil**) is indicated for the relief of bronchospasm in patients with reversible obstructive airway diseases like Bronchial asthma, Chronic bronchitis, Emphysema, etc.

DOSAGE AND ADMINISTRATION

Adults: The recommended usual oral dose is 2-4 mg (1-2 teaspoonful) 3-4 times daily or as prescribed by physicians. Children (2-6 years of age): 1-2 mg three to four times daily or as prescribed by the physician. Elderly: Usually dose adjustment is not required in the elderly.

CONTRAINDICATION AND PRECAUTION

Salbutamol is contraindicated in patients with a history of hypersensitivity to any of their components.

SIDE EFFECT

The adverse reactions to Salbutamol are similar in nature to reactions to other sympathomimetic agents. The most frequent adverse reactions to salbutamol are nervousness, tremor, headache, tachycardia and palpitation. Less frequent adverse reactions are muscle cramps, insomnia, nausea, weakness, dizziness, drowsiness, flushing, restlessness, irritability, chest discomfort and difficulty in micturation. Hypersensitivity reactions including paradoxical bronchospasm are rare.

DRUG INTERACTION

The concomitant use of Salbutamol and other oral sympathomimetic agents are not recommended since such combined use may lead to deleterious cardiovascular effects. Salbutamol should be administered with extreme caution to patients being treated with monoamine oxidase inhibitors or tricyclic antidepressants because the action of salbutamol on the vascular system may be potentiated.

USE IN PREGNANCY AND LACTATION

Administration of drugs during pregnancy should only be considered if expected benefit to the mother is greater than any possible risk to the fetus. As Salbutamol is probably secreted in breast milk, its use in nursing mothers is not recommended unless the expected benefits out-weigh any potential risk.

PACKAGING

Asnil Syrup: Each carton contains a bottle of 100 ml syrup.

Manufactured by



Ziska Pharmaceuticals Ltd.

Gazipur, Bangladesh