

BETA-2

PRESENTATION:

BETA –2 TABLET

Each tablet contains:

Salbutamol Sulfate eq. to Salbutamol BP 2mg

Available as 30 Tablets x 10 Blisters

BETA-2 FORTE TABLET

Each tablet contains:

Salbutamol Sulfate eq. to Salbutamol BP 4mg

Available as 30 Tablets x 10 Blisters

BETA-2 SYRUP

Each 5ml contains:

Salbutamol Sulfate eq. to Salbutamol BP 2mg
Flavored Syrupy base q.s.
Color: Carmoisine

Available as 100 ml Bottle Pack

BETA-2 EXPEXTORANT

Each 5ml contains:

Salbutamol Sulfate eq. to Salbutamol BP 2mg
Bromhexine HCl BP 4mg
Color: Carmoisine 4 R

Available as 100ml Bottle Pack

CATEGORY:

Salbutamol: Anti-asthmatic (Selective Beta- 2 agonist)
Bromhexine HCl: Mucolytic agent

INDICATIONS:

- ◆ *Bronchospasm*
- ◆ *Cough with Bronchospasm*
- ◆ *Chronic Obstructive Pulmonary Disease [COPD]*
- ◆ *Acute & Chronic Bronchitis*
- ◆ *Prophylaxis in Bronchial Asthma*
- ◆ *Emphysema*

DOSAGE:

BETA-2 SYRUP:

Adult: *Two teaspoonful (10ml) 3-4 times daily or as directed by the physician.*

Children:

2-6 Years: ½ teaspoonful (2.5ml) 3-4 times daily

*7-14 Years: 1 Teaspoonful (5ml) 3-4 times daily
or as directed by the physician*

BETA-2 TABLET/ BETA-2 FORTE TABLET:

Adult: *2-4mg 3-4 times daily with Maximum upto 32mg/day
or as directed by the physician.*

BETA-2 EXPECTORANT:

Adult: *2 teaspoonful (10ml) 3-4 times daily*

Children:

2-6 Years: ½ teaspoonful (2.5ml) 3-4 times daily

*7-14 Years: ½ -1 Teaspoonful (2.5-5ml) 3-4 times daily
or as directed by the physician*

MECHANISM OF ACTION:

Salbutamol causes bronchodilation by direct stimulation of beta adrenergic receptor present in bronchial smooth muscle.

[*Stimulate adenyl cyclase, which catalyzes the formation of cyclic AMP; which mediates muscle relaxation & bronchodilation*]

Bromhexine cause liquefaction of tenacious or mucopurulent sputum. It improve ventilatory capacity & reduce frequency of exacerbation.

NOTE:

Beta –2 Expectorant is the combination of bronchodilator along with mucolyticagent.

PHARMACOKINETIC:

Salbutamol:

Onset of action: 15-30 minutes (Oral)

Duration of action: 4-6 hours (Oral)

SIDE EFFECTS/ADVERSE EFFECTS:

Salbutamol:

- ◆ Fine tremors (usually of hands)
- ◆ ***Peripheral vasodilation, palpitation, tachycardia***
Very rarely: Muscle cramps, hypokalemia

Bromhexine:

- ◆ GI upset & irritation
- ◆ Rhinorrhea
- ◆ Allergic reactions

PRECAUTION:

Salbutamol:

- ◆ Nausea, dizziness, headache, tremor
- ◆ ***Hyperthyroidism***, thyrotoxic hypertension
- ◆ Myocardial insufficiency, ***diabetes mellitus***

[*Ketoacidosis reported*]

- ◆ Arrhythmia, QT interval prolongation, ***hypertension***

[*Not advised to take excessive dose as it may precipitate arrhythmia in patient with cardiac disease*]

DRUG INTERACTIONS AND/OR RELATED PROBLEMS:

- ◆ ***Theophylline, Beclomethasone:***[*Enhance respiratory function*]
- ◆ ***Beta-Blockers:***[*Inhibit bronchodilator effect*]
- ◆ ***Diuretics & Xanthines:***[*Increase risk of hypokalemia*]
- ◆ ***Food:*** [No interaction reported]

For further information, please contact:

Market Planning Department



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