

For the use of Registered Medical Practitioner or Hospital use or Laboratory use only

### **Bricanyl<sup>®</sup> Inhaler**

#### **Composition:**

Each metered inhalation delivers  
Terbutaline sulphate I.P. 250 mcg.  
Inert aerosol propellants q.s.

**Description:** Terbutaline (Bricanyl<sup>®</sup> Inhaler ) is an adrenergic agonist which predominantly stimulates beta<sub>2</sub>-receptors, thus producing relaxation of bronchial smooth muscle, inhibition of the release of endogenous spasmogens, inhibition of oedema caused by endogenous mediators and increased mucociliary clearance. Inhaled terbutaline acts within a few minutes and has a duration of up to 6 hours. (About 10% of the dose, when administered from Bricanyl<sup>®</sup> Inhaler without Spacehaler, is deposited in the lungs. The addition of Spacehaler to inhaler increases the degree of lung deposition. The major effect is however to decrease oropharyngeal deposition.)

**Indications:** Bronchial asthma, chronic bronchitis, emphysema and other lung diseases where bronchospasm is a complicating factor.

**Precautions:** Terbutaline should be used with caution if susceptibility to sympathomimetic amines is likely to be increased, for instance in patients with hyperthyroidism not yet under adequate control. Additional blood glucose tests are recommended for asthmatic patients with concomitant diabetes starting on Bricanyl<sup>®</sup> Inhaler therapy, due to the risk of hyperglycemia with  $\beta_2$  agonists.  $\beta_2$  agonists have successfully been used in the acute treatment of severe ischaemic heart failure.

**Adverse Effects:** Bricanyl<sup>®</sup> given by inhalation is unlikely to produce significant systemic adverse reactions when given in recommended doses because pharmacologically active concentrations of the drug are not achieved in the systemic circulations. Adverse reactions which have been recorded, e.g. tremor and to a lesser extent palpitations, are all characteristic of sympathomimetic amines. Usually tolerance to these effects is developed within 1-2 weeks. Urticaria and exanthema may occur. Caution is recommended during the first trimester of pregnancy. Terbutaline passes over to breast milk but an influence on the child is unlikely with therapeutic doses.

**Dosage:** Bricanyl<sup>®</sup> Inhaler and Spacehaler should be used as required rather than regularly. Dosage should be individualized.

**Adults and children over 12 years:** 250-500 mcg as required. In severe cases the single dose may be increased to 1.5 mg. The total dose in 24 hours should not exceed 6 mg. **Children 5-12 years:** 250-500 mcg as required. In severe cases the single dose may be increased to 1 mg. The total dose in 24 hours should not exceed 4 mg.

**Presentation:** Bricanyl<sup>®</sup> Inhaler 250 mcg, with 200 and 400 metered doses.

For further information please contact:

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