



CLENBUTEROL

CLENBUTEROL USP 20 mcg
Presented as tube with 100 ml (multidose)

DESCRIPTION

Clenbuterol exerts a pronounced action on the metabolism; with both anabolic and anti-catabolic effects. Clenbuterol has been demonstrated to increase the rate of protein synthesis in muscle tissue and to increase protein to fat ratio. Clenbuterol is a beta-2 adrenergic agonist relaxing airway muscle tissue and proving bronchodilation. Clenbuterol increases aerobic capacity, pulse perspiration and blood pressure; increases basal metabolic rate and temperature. Clenbuterol has an oral bioavailability of 89 to 98 % with a half- life of 36 to 48 hours after oral use.

INDICATIONS

Clenbuterol is a substance best known for its use in *treating asthma and encouraging weight loss*.

CONTRAINDICATIONS

Children or geriatric patients Individuals who have been diagnosed of cardio-vascular problems should not take Clenbuterol. Women who are pregnant or may become pregnant Concomitantly with other CNS stimulants, adrenergic, or hypertensive agents In patients with hypersensitivity to Clenbuterol or other ingredients In patients with a history of GI bleeding, ulceration of the stomach, or gastritis.

DRUG INTERACTIONS

Clenbuterol may enhance the action and side effects of other beta –adrenergic mimetics, theophylline and anti-cholinergic. Beta blockers may inhibit the action of Clenbuterol; thus a risk of bronchospasm exists with concomitant uses. Clenbuterol may alter the action of hypoglycemic agents, insulin sensitizers, insulin and insulin secretagogues. Adjust of dosage may be required. Monitor for loss of glycaemic control. There is an increased risk of arrhythmia with concomitant administration of halogenated carbohydrates for necrosis; e.g. during surgery. Concomitant use with diuretics and digitalis glycosides requires periodic monitoring of serum electrolytes. Concomitant use with other CNS stimulants should be avoided given the cumulative stimulatory effects and increased risk of adverse events. Concomitant use with MAO- inhibitors and tri- cyclic antidepressant may produce cardiac dysrhythmias.

PRESENTATION

Tube containing 100 ml.

STORAGE

Clenbuterol should be stored at controlled room temperature below 30°C and protect from light.