

Hysomide®

Hyoscine Butylbromide

Description

Hyoscine butylbromide (**Hysomide®**) is a quaternary alkaloid, a competitive antagonist of acetylcholine at muscarinic receptors.

Mode of action

Hyoscine butylbromide blocks the effect of acetylcholine at postganglionic, muscarinic receptors and its action is an inhibitory effect on smooth muscle of the gastrointestinal tract with reduction of gastric and intestinal motility.

Pharmacokinetics

Hyoscine butylbromide can be administered both orally and intravenously, though after oral administration the drug is absorbed partially. Following administration hyoscine butylbromide concentrates in the different tissues. However, the drug is partially metabolized in the liver to inactive compounds, and excreted in the urine and faeces. The drug does not cross the blood brain barrier or enter the central nervous system and has no central effects.

Composition

Hysomide® 10 mg Tablet: Each film-coated tablet contains Hyoscine Butylbromide BP 10 mg.

Hysomide® 20 mg Tablet: Each film-coated tablet contains Hyoscine Butylbromide BP 20 mg.

Hysomide® Injection: Each ml ampoule contains Hyoscine Butylbromide BP 20 mg.

Indications

Spasm of the genito-urinary tract or gastro-intestinal tract including irritable bowel syndrome and spasmodic dysmenorrhoea.

Dosage & administration

Tablet: Adults: 20 mg 4 times daily; Children: 6-12 years, 10 mg 3 times daily. Irritable bowel syndrome: 10 mg 3 times daily, increased if required upto 20 mg 4 times daily.

Injection by IM or IV: Adults: 20 mg (1 ampoule), repeated after 30 minutes if necessary (may be repeated more frequently in endoscopy); Children: Not recommended.

Contraindications

Myasthenia gravis, megacolon, narrow angle glaucoma, paralytic ileus, pyloric stenosis and prostatic enlargement.

Side effects

Dry mouth, visual accommodation disturbances, tachycardia, constipation and

potentially urinary retention may occur; very rarely skin reactions.

Use in pregnancy & lactation

There is no evidence of ill consequences following its use in pregnancy, although the drug should be avoided during the first trimester unless absolutely indicated. Safety during lactation has not yet been established.

Precautions

The drug should be used with caution in conditions like tachycardia (e.g. thyrotoxicosis, cardiac insufficiency or failure), pyrexia and untreated narrow angle glaucoma.

Drug interactions

The effects may be enhanced by the administration of other anticholinergic agents or drugs with anticholinergic properties, e.g. tricyclic antidepressants.

Storage

Store in a cool (below 25° C temperature) and dry place protected from light.

Packaging

Hysomide® 10 mg Tablet: Each carton contains 10X10 tablets in blister pack.

Hysomide® 20 mg Tablet: Each carton contains 10X10 tablets in blister pack.

Hysomide® Injection: Each carton contains 5X5 ampoules in blister pack.


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Ideas for healthcare

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