



ANTIPAN[®] **Hyoscine-N-butylbromide** **Injectable solution, Ampoules**

Composition

Each ampoule contains 1 ml solution of:

Active ingredient: Hyoscine-N-butylbromide
20 mg.

Excipients: Hydrobromic acid and water for injection.

Properties

The active ingredient of **Antipan**, hyoscine-N-butylbromide, is an antimuscarinic agent, having a special site of action at the parasympathetic ganglia in the walls of the viscera. Consequently, it exerts a specific antispasmodic action on the smooth muscles of the gastrointestinal, biliary, and urinary tracts. Being a quaternary ammonium derivative, hyoscine-N-butylbromide does not enter the central nervous system. Therefore, anticholinergic side effects at the central nervous system do not occur.

Indications

Antipan is indicated in the treatment of acute gastrointestinal, biliary and genitourinary spasm including biliary and renal colic. Also, it is indicated as an aid in diagnostic and therapeutic procedures, where spasm may be a problem, e.g. gastro-duodenal endoscopy, and in radiology.

Dosage and administration

Adults and children over 6 years:

1-2 ampoules of **Antipan** (20-40 mg) may be administered by slow intravenous, intramuscular or subcutaneous injection several times daily. The maximum daily dose of 100 mg (5 ampoules) should not be exceeded.

Antipan should not be taken on a continuous daily basis or for extended periods without investigating the cause of abdominal pain.

The safety and effectiveness in children younger than 6 years have not been established.

Antipan is not recommended for children under 6 years.

Overdosage

Symptoms: In the case of overdosage, anticholinergic symptoms such as urinary retention, dry mouth, reddening of the skin, tachycardia, inhibition of gastrointestinal motility, and transient visual disturbances may occur.

Therapy: For patients with glaucoma, pilocarpine should be given locally. Parasympathomimetics like neostigmine 0.5-2.5 mg I.M. or I.V. may be given, if necessary.

Cardiovascular complications should be treated according to the usual therapeutic principles. In case of respiratory paralysis: Intubation and artificial respiration.

Catheterization may be required for urinary retention. In addition, appropriate supportive measures should be used as required.

Contraindications

Antipan is contraindicated in patients known to be hypersensitive to hyoscine-N-butylbromide.

Antipan should not be administered in the following disorders: glaucoma, hypertrophy of the prostate with urinary retention, mechanical stenosis in the gastrointestinal tract, tachycardia, megacolon and myasthenia gravis.

Precautions

Caution is recommended when hyoscine-N-butylbromide is given to patients affected by glaucoma, prostatic enlargement, cardiac disorders, mechanical stenosis in the gastrointestinal tract, hepatic and renal function impairment, and hypertension.

Since visual accommodation disturbances may occur, patients should not drive or operate machinery after parenteral administration of **Antipan**.

Safety of the product during pregnancy and lactation has not yet been established.

Side effects

When administered at recommended therapeutic doses, **Antipan** is generally well tolerated. Anticholinergic side effects including dryness of mouth and skin, constipation and urinary retention may occur but are generally mild and self limited.

Dizziness and hypotension have been rarely reported. Hypersensitivity reactions such as skin reactions, dyspnea, anaphylactic reactions and anaphylactic shock have been reported very rarely.

Drug interactions

Concurrent use of hyoscine-N-butylbromide with tricyclic antidepressants, antihistamines, quinidine, amantadine and disopyramide may increase the anticholinergic effect of these drugs. Concomitant use with metoclopramide may result in diminution of the effects of both drugs on the gastrointestinal tract. The tachycardic effect of beta adrenergic agents may be enhanced by **Antipan**.

Presentation

Antipan injectable solution is available in packs of 5 or 50 ampoules.

Storage conditions

Store below 30°C. Protect from light and heat.

**ARWAN Pharmaceutical Industries Lebanon s.a.l.,
Jadra, Lebanon**

THIS IS A MEDICAMENT

- Medicament is a product which affects your health, and its consumption contrary to instructions is dangerous for you.
- Follow strictly the doctor's prescription, the method of use and the instructions of the pharmacist who sold the medicament.
- The doctor and the pharmacist are experts in medicines, their benefits and risks.
- Do not by yourself interrupt the period of treatment prescribed for you.
- Do not repeat the same prescription without consulting your doctor.
- Keep all medicaments out of the reach of children.

**Council of Arab Health Ministers
Union of Arab Pharmacists**