

Algin 50

Indications

Tiemonium Methylsulphate is an antispasmodic drug that reduces muscles spasm of the intestine, biliary system, bladder and uterus. It is used in symptomatic treatment of pain related to functional disorders of the digestive tract and biliary system. It is also indicated for the treatment of spasm and pain in urological and gynaecological diseases.

Therapeutic Class

Anticholinergics

Pharmacology

Tiemonium Methylsulphate a competitive antagonist of Acetylcholine, Histamine and strengthens of calcium bond with membrane phospholipids and proteins. Thus inhibits intracellular contractile protein of visceral cell which causes inhibition of visceral spasm and pain.

Dosage & Administration

Tablet/Syrup-

- **Adult:** usual dose is 2-6 tablets or 3-9 teaspoonfuls syrup daily in divided doses.
- **Children:** 3 ml/kg or 6 mg/kg body weight daily in divided doses.

Injection: 1 Tiemonium Methylsulphate Injection 3 times daily, through Intravenous route slowly or Intramuscular route.

Suppository: 20 mg Tiemonium Methylsulphate suppository two or three times daily, through rectal route.

Interaction

Tiemonium methylsulphate tablet should not be used with other drugs without prior consult of a registered physician to avoid possible drug interaction.

Contraindications

It should not be used in urethroprostatic disorder involving a risk of urine retention. It is contraindicated in patient with having risk of angle closure glaucoma.

Side Effects

Tiemonium Methylsulphate may have the risk of hypotension & tachycardia in certain individuals.

Pregnancy & Lactation

The results of animal studies of Tiemonium Methylsulphate did not reveal any teratogenic effects; no deformities have been reported up till now with normal use. In absence of sufficient data, prudence should be the rule for nursing mothers although no problems have been reported with normal use.

Precautions & Warnings

Caution should be taken during treatment of patients with disorders of the prostate. Caution should also be taken in case of chronic bronchitis, coronary insufficiency, ambient hyperthermia, renal & hepatic insufficiency. The risks of visual disturbances can make it dangerous to drive or use machines.

Use in Special Populations

Paediatric use: safety and effectiveness of Tiemonium methylsulphate in paediatric patients have not been established.

Geriatric use: Efficacy and safety were maintained with increasing age.

Overdose Effects

There is not available data regarding the overdose of Tiemonium methylsulphate tablet.

Storage Conditions

Keep in a dry place, away from light and heat. Keep out of the reach of children.