

Dexpomin

Dextromethorphan Hydrobromide USP 20 mg,
Phenylephrine Hydrochloride USP 10 mg and
Triprolidine Hydrochloride USP 2.5 mg

Composition

Dexpomin Syrup: Each 5 ml syrup contains Dextromethorphan Hydrobromide USP 20 mg, Phenylephrine Hydrochloride USP 10 mg and Triprolidine Hydrochloride USP 2.5 mg.

Pharmacology

Dexpomin syrup is a mixture of antitussive, decongestant and antihistamine agent.

Dextromethorphan is used to suppress dry cough. Dextromethorphan is safe, effective and non-narcotic antitussive. It blocks the cough reflex in situations where the dry cough serves no purpose. It does so by calming the cough centre of the brain that governs the coughing reflex. Dextromethorphan does not induce tolerance, and has no potential for addiction like opiates.

Phenylephrine acts by stimulating alpha-adrenergic receptors. Phenylephrine acts on receptors in the muscles of the blood vessel walls, causing them to contract. This results in narrowing of the blood vessels and decreased blood flow in the lining of the nose and sinuses. Thus fluid congestion in the nose and sinuses is reduced.

Triprolidine is a strong antihistamine, which acts on histamine (H1) receptors. Antihistamines block the action of histamine, preventing dilatation of blood vessels, reducing redness and swelling. It may cause mild drowsiness.

Indication

Dexpomin, the combination of Triprolidine, Phenylephrine and Dextromethorphan is used to relieve the symptoms of colds and flu, runny nose, nasal congestion and cough, where these are associated with dry cough.

Dosage and Administration

Adult 2 teaspoonful three times a day

Children

Over 12 years 2 teaspoonful three times a day

6-12 years 1 teaspoonful three times a day

2-6 years 1/2 teaspoonful three times a day or
as directed by the physician

Physician consultation should be taken before using this combination below the age of 2 years.

Contraindications

This combination is contraindicated in patients with a known hypersensitivity to Dextromethorphan, Phenylephrine or Triprolidine. Contraindicated in persons under treatment with monoamine oxidase inhibitors within 2 weeks of stopping such treatment. It is contraindicated in patients with severe hypertension or severe coronary artery disease

Precautions

The combination preparation may cause drowsiness and impair performance in tests of auditory vigilance. It may also impair the patients' ability to drive and also to use machineries. Although there are no objective data, users of this syrup should avoid the concomitant use of alcohol or other centrally acting sedatives. Although Phenylephrine has virtually no blood pressure effect in patients with normal blood pressure, this combination should be used with caution in patients taking antihypertensive agents, tricyclic antidepressants or other sympathomimetic agents such as decongestant, appetite suppressants and amphetamine like psychostimulants. As with other sympathomimetic agents caution should be exercised in patients with hypertension, heart disease, diabetes, hyperthyroidism, elevated intraocular pressure and prostatic enlargement. This combination should not be used for persistent or chronic cough that occurs with smoking, asthma, or emphysema or where cough is accompanied by excessive secretion unless directed by a physician.

Warning

Prescription only Medicine. To be used as directed by the physician. Keep out of reach of Children.

Side effects

Few side effects to be associated with this medicine are known such as rash, disturbed sleep, drowsiness, disturbances of the gut such as diarrhoea, constipation, nausea, vomiting or abdominal pain, dry mouth, nose and throat are occasionally reported.

Drug Interactions

Taking certain MAO inhibitors with this medication may cause a serious (possibly fatal) drug interaction. Avoid taking isocarboxazid, methylene blue, moclobemide, phenelzine, procarbazine, rasagiline, selegiline, or tranylcypromine during treatment with this medication. Most MAO inhibitors should also not be taken for two weeks before treatment with this medication. Caution should be exercised while taking this drug with antihistamines applied to the skin (such as diphenhydramine cream, ointment, spray), antispasmodics (e.g. atropine, belladonna alkaloids), beta blockers (e.g. metoprolol, atenolol), drugs for Parkinson's disease (e.g. anticholinergics such as benztropine, trihexyphenidyl), guanethidine, certain inhaled anesthetics (e.g. halothane), methyldopa, reserpine, scopolamine, tricyclic antidepressants (e.g. amitriptyline, desipramine), anti-seizure drugs (e.g. carbamazepine), medicine for sleep or anxiety (e.g. alprazolam, diazepam, zolpidem), muscle relaxants, narcotic pain relievers (e.g. codeine), psychiatric medicines (e.g. chlorpromazine, risperidone, amitriptyline, trazodone).

Use in Special condition

Pregnancy: There is no information regarding safety of this medicine in pregnancy. So it must be consulted with doctor before using in pregnancy. **Lactation:** The effect of this medicine on the breastfed baby is unknown; therefore this medicine should be used with caution in breastfeeding mothers.

Overdose

In cases of over dosage, hospital admission is strongly advised. Over dosage may produce respiratory depression, paranoid psychosis, delusions, hallucinations, and convulsion. Treatment should include emptying the stomach by aspiration or gastric lavage. Nervous stimulation and convulsions should be treated with a sedative such as diazepam intramuscularly. If marked excitation is present, a sedative such as diazepam or a short-acting barbiturate may be given. Severe over dosage of phenylephrine hydrochloride may produce hypertension and associated reflex bradycardia. Treatment measures include early gastric lavage and symptomatic and supportive measures. The hypertensive effects may be treated with an alpha-receptor blocking agent (such as phentolamine mesilate 6-10 mg) given intravenously, and the bradycardia treated with atropine, preferable only after the pressure has been controlled.

Storage Condition

Store in cool & dry place below 30°C, protect from light & moisture.

Presentation

Dexpomin 100 ml Syrup: Each box contains PET bottle of 100 ml syrup and a measuring cup.



Manufactured by:
Goodman Pharmaceuticals Ltd.
Better Health For All
Bhangnahati, Sreepur, Gazipur, Bangladesh