

Eyetrop

Tropicamide BP 0.5% & 1%

Sterile Eye Drops

Composition:

Eyetrop 0.5%: Each ml Eye Drops contains Tropicamide BP 5 mg
Eyetrop 1% : Each ml Eye Drops contains Tropicamide BP 10 mg

Description:

Tropicamide, which is to some extent structurally related to atropine, induces mydriasis and cycloplegia through paralysis of the parasympathetic system. Tropicamide is a parasympatholytic agent, which acts by blocking the action of the parasympathetic nervous system. As acetylcholine is the neuro-humoral transmitter at the receptor site of the parasympathetic nervous system, Tropicamide competes with acetylcholine for uptake at the receptor sites, thereby blocking its action. The results are mydriasis, due to unopposed action of the dilator pupillae, and cycloplegia.

Tropicamide visibly dilates the pupil after 5 minutes. It reaches its maximum diameter after 20-25 minutes and returns to its normal size within approx. 6 hours. The onset of the effect is just as rapid, but it disappears 45-60 minutes after the last instillation. The best time for retinoscopy is therefore approximately 20 minutes after the instillation of the last drop.

Indications and usage:

Tropicamide eye drops is used to dilate (enlarge) the pupil so that the doctor can see into the back of the eye. It is used before eye examinations, such as cycloplegic refraction and examination of the fundus of the eye. Eyetrop eye drops may also be used before and after eye surgery.

Dosage and administration:

For refraction instill 1 or 2 drops of 1% solution in the eye(s) repeated in 5 minutes. An additional drop may be instilled to prolonged mydriatic effect within 20 to 30 minutes. For examination of the fundus, instill 1 or 2 drops of 0.5% solution 15 to 20 minutes prior to examination. Individuals with heavily pigmented irides may require higher strength or more doses

Precautions:

Where appropriate, the administration of an antidote (miotic) after the examination should be considered. In order to restrict a possible systemic resorption to a minimum, the patient should compress the tear duct of the treated eye with the finger for 2-3 minutes immediately after the instillation of the eye drops. In older patients mydriatic and cycloplegic drugs should generally be used with care.

Contraindications:

Contraindicated in narrow angle or closed angle glaucoma. Transient stinging may occur when drops are instilled. Hypersensitivity may occur e.g. conjunctivitis. As with any mydriatic, caution should be used when intraocular pressure is high or unknown or when anterior chamber is shallow.

Use in pregnancy & Lactation:

Controlled studies are not available

Storage :

Store at 15°-20°C. Do not refrigerate or store at high temperatures. Keep container tightly closed. Keep out of reach of children.

Packing :

Eyetrop 0.5%: Each plastic dropper bottle contains 5 ml sterile Eye Drops.
Eyetrop 1% : Each plastic dropper bottle contains 5 ml sterile Eye Drops.



Manufactured by
Apex Pharma Ltd.
(Eye Care Division)
Shafipur, Gazipur