



# BIO-CHOL™

## CARBACHOL INTRAOCULAR SOLUTION USP.

### Description :

BIO-CHOL Intraocular solution (Carbamylcholinechloride) is a sterile solution of CARBACHOL in an aqueous medium. It contains no preservative or microbiological agents.

### Composition :

Each ml contains active CARBACHOL USP. (.1 mg)

### Mechanism of Action :

BIO-CHOL is a cholinergic (parasympathomimetic) that directly stimulates cholinergic receptors. It also acts indirectly by promoting release of acetylcholine and by a weak anticholinesterase action. BIO-CHOL produces contraction of the iris sphincter muscle resulting in pupillary constriction (miosis), of the ciliary muscle resulting in increased accommodation and reduction in the Intraocular pressure associated with decreased resistance to aqueous humor outflow. In chronic open angle glaucoma contraction of the ciliary muscle opens ntertrabecular spaces and facilitates aqueous humor outflow. In angle closure glaucoma constriction of the pupil pulls the iris away from the trabeculum, thereby relieving blockage of the trabecular of the muscle.

### Indication and Uses :

BIO-CHOL is administered intraocularly up to 0.5ml of a 0.01% w/v solution being instilled into the anterior chamber of the eye (intracameral instillation) to produce miosis in ocular surgery, and reduce post operated rises in intraocular pressure. The maximum of miosis is usually obtained within 2-5 minutes of Intraocular instillation and miosis lasts for 24 to 48 hours.

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### Contraindication :

Miotics are contraindicated where constriction is undesirable such acute iritis.

### Warning & Precautions :

For Intraocular use only.  
Not for injection.  
Avoid overdoses.

### Overdose :

Atropine should be administered peritoneally.

### Dosage :

Intraocular irrigation not more than 0.5ml of a 0.01% solution should be instilled into the anterior chamber.

### Storage :

Store at room temperature.  
Protect from freezing.

### Supply :

BIO-CHOL is available in 1 ml glass vials with 0.01% w/v BIO-CHOL and supplied in boxes containing 10 vials each.



### Other Products:

BIO BLUE

BIO CARPINE

EYEVISC

EYEVISC PFS

EYEVISC PLUS PFS

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