

AUROBLUE

(Trypan Blue Solution 0.06% w/v)

The Vital Tool for Capsulorhexis



- A capsule stainer to aid easy capsulorhexis in cataract surgery
- Excellent visualization of capsule in eyes with matured cataract / narrow pupils
- Clear visualization of outline of the capsule rim during surgery
- Reduces risk of incomplete capsulorhexis



 **aurolab**
Excellence . . . in sight

DESCRIPTION

AUROBLUE is a vital dye, used in matured cataract surgery, which stains the anterior capsule and fibrous tissue that enables the surgeon to visualize the capsule clearly. AUROBLUE is a sterile preparation of Trypan Blue 0.06% w/v in buffered solution.

INDICATIONS

- Used as a capsule staining agent in cataract surgery

CONTRAINDICATION

AUROBLUE is contraindicated when a non hydrated (Dry state) hydrophilic acrylic Intraocular lens (IOL) is planned to implant into eye, because the dye may be absorbed by the IOL and get stained.

WARNINGS & PRECAUTIONS

- Always use separate tuberculin syringe and needle for AUROBLUE (Trypan Blue) Injection. (Avoid antibiotic used syringe/needle since it crystallizes the Trypan Blue).
- Do not use the product after expiry date.
- Do not use on children and pregnant women.
- For single use only.
- Not for IV/ IM injection.
- Do not resterilize.

ADVERSE REACTIONS

- AUROBLUE is well tolerated following intraocular injection into the anterior chamber of the eye during cataract surgery.
- Mild postoperative inflammatory reactions may occur in a very few cases.
- Extreme care must be taken while using AUROBLUE on patients who are hypertensive to any of its components.
- During animal experiments, teratogenic and/or mutagenic effect has been reported after repeated and/or at high dose intraperitoneal or intravenous injections with Trypan Blue. Hence Trypan Blue should not be used in pregnant women.
- Following use of AUROBLUE the discoloration of high water content hydrogen intraocular lenses (See contraindications) and inadvertent staining of the posterior lens capsule and vitreous face may occur. Staining of the posterior lens capsule or staining of the vitreous face is generally self limited, lasting up to one week.

STORAGE

Store between 2°C and 35°C.

SUPPLY

Available in sterile 1ml vial with pouch in pack of five.

TECHNIQUE

Before using AUROBLUE the first step is to inject air into the anterior chamber using a 26 gauge needle in the area where the second site is made. This prevents dilution of the dye. Then AUROBLUE is injected into the anterior chamber using a tuberculin syringe between the air bubble and the lens capsule. Use the bevel down of the needle and inject AUROBLUE in a drop form, so that the whole capsule gets stained. If some area is left unstained, inject one more drop in that area till it gets stained. It is allowed for a minute to achieve complete staining of the anterior capsule.

After staining viscoelastic solution is injected into the anterior chamber. This will distend the eye so that when you make a clear corneal incision, the eye will be tense and one can make a good valve. Now use a straight rod to stabilise the eye with the left hand and with the right hand make a clear corneal incision or scleral incision. Inject viscoelastic solution inside the eye to remove the air bubbles and the AUROBLUE. Then capsulorhexis can be done with a needle or with a forceps. One can see the contrast between the capsule, which has been stained and the cortex, which is not stained. The capsulorhexis can be continued and completed.

