

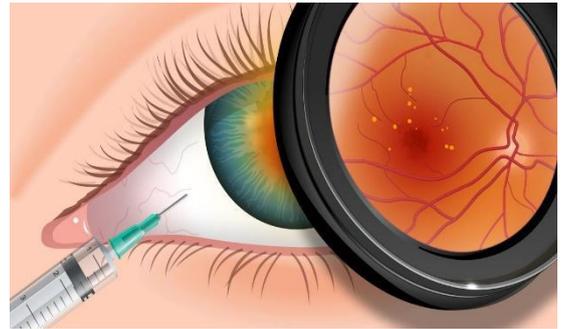


## Operation Information

### Subconjunctival Injection

#### Introduction

Subconjunctival Injection is a procedure to inject the medication into the episcleral tissue between the conjunctiva and sclera to increase and extend the effect of the medication. The injection increases absorption and duration of the medication. However, the injection might increase discomfortable with most of a fear feeling and some drugs may remain in eye for several days or weeks. Please discuss with your doctor for the appropriate plan and treatment.



Source:

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#### Common medication for subconjunctival injection

1. Local anaesthetic
2. Corticosteroids
3. Antibiotics and Antifungal Agents
4. Antimetabolites (e.g. 5-fluorouracil, Mitomycin etc.)

#### Indications

1. Eye infection (e.g. Corneal ulcer)
2. Severe eye inflammation
3. Increase the topical anaesthetic effect in the eye operation
4. Treat eye diseases (e.g. Glaucoma Operation)

#### Outcomes

The expected outcome of this procedure is the prescribed medication can be given via subconjunctival injection to treat eye diseases.

#### Procedures

You should cooperate fully during the procedure.

1. The procedure is performed under aseptic techniques.
2. You might sit or lie down on a couch or bed.
3. Local anaesthetic eye drops are instilled to the affected eye.
4. The needle tip is inserted to the conjunctiva and the drugs are injected.
5. The needle tip is withdrawn.
6. Topical antibiotic is used to avoid infection after the procedure.

## **Possible Risks and Complications**

1. Swelling, inflammation and pain
2. Infection
3. Subconjunctival haemorrhage
4. Adverse drug reactions including allergy to eye drops
5. Transient blackout or fainting due to stress or vasovagal attack (usually recover after several minutes)
6. Corneal, scleral and conjunctival necrosis (uncommon)
7. Eyeball Perforation (uncommon)
8. Blindness (very rare and usually caused by underlying diseases)

\*\* The risks listed above are in general terms and the possibility of complications is not exhaustive. Please understand that even though all operations are carried out with utmost professionalism and care, this does not rule out the possibility of complications arising. In the event of peripheral organ damage or post-operative haemorrhage or leakage, further operations may be required.

## **Pre-operative Preparations**

1. Good hygiene can prevent infection.
2. The procedure and possible complications will be explained by the doctor and a consent form must be signed prior to the operation.
3. Please inform the doctor and nurse all your past medical history, previous surgical operations, current medication and any complication with drug or anaesthesia. Please inform doctor if you are taking medications that affect blood coagulation such as Aspirin, Warfarin, Xarelto or Pradaxa, nonsteroidal anti-inflammatory drug(NSAID) such as ibuprofen, naproxen and Chinese medication.
4. Please change into a surgical gown after removing all belongings including undergarments, dentures, jewellery and contact lenses. Do not put creams, lotions, or makeup on the face or around the eyes.
5. Please empty your bladder before the operation.

## **Post-operative Instructions and Advice on Discharge**

1. Please use medication as prescribed by the doctor.
2. Please avoid wearing contact lens as doctor's instruction.
3. Please avoid swimming and eye makeup as doctor's instruction.
4. Immediately consult your doctor or return to hospital for professional attention in the event of acute eye symptoms like severe eye pain or blurring of vision or any other unusual symptoms etc.
5. Any follow-up consultations should be attended as scheduled.

Should there be any enquiries or concerns, please consult the attending doctor.

Under the professional care of the doctor, you will gradually recover. We wish you all the best during your treatment and recovery.

If you have any questions after reading the entire leaflet, please write them down in the spaces provided in order for the doctor to further follow-up.

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Compiled by Union Hospital Operating Theatre (OT) Governance Committee

The above information is for reference only, please enquire your physician for details  
Our Hospital reserves the RIGHT to amend any information in this leaflet without prior notification

