

# Lecture 3

## Eye (ocular) injection

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# Ocular injection of the drugs

1. Subconjunctival injection
2. Retrobulbar injection
3. Pribulbar injection
4. Intraocular injection (injection directly into the chambers of the eye)



# 1. Subconjunctival injection



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# 1. Subconjunctival injection

- It is the forcing of medications into the conjunctiva.
- It is method of administering **medication** (e.g. antibiotics, corticosteroids, mydriatics).
- This procedure is indicated when sustained, **high concentrations** of medication are needed in acute **anterior** segment inflammations such as with **stubborn corneal disease** e.g. anterior uveitis or scleritis and it is used to treat severe corneal disease such as bacterial ulcer. In addition drugs can be subconjunctival injected postoperatively to avoid the necessity of topical or systemic drug therapy.

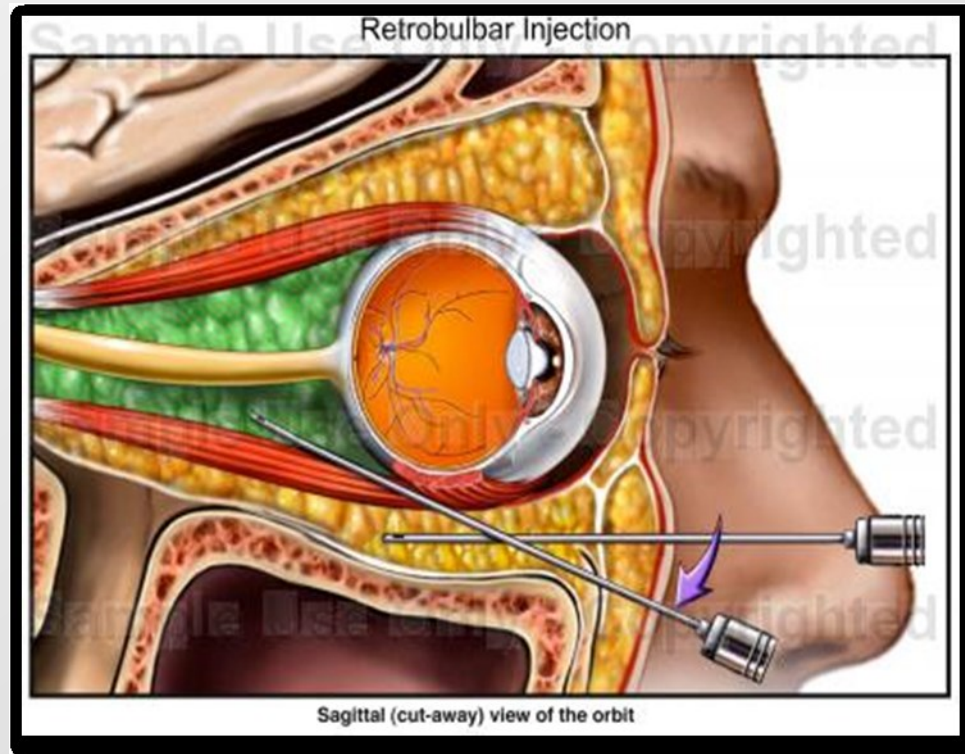


# Procedure

1. Instill **anaesthetic** drops
2. **Insert** the **needle** in the lower or upper fornix
3. **inject** the fluid slowly to create a **ballooning** effect.
4. **Withdraw** the needle carefully
5. Hold an **eye pad** in position for a **minute**
6. Apply the eye pad and **bandage**



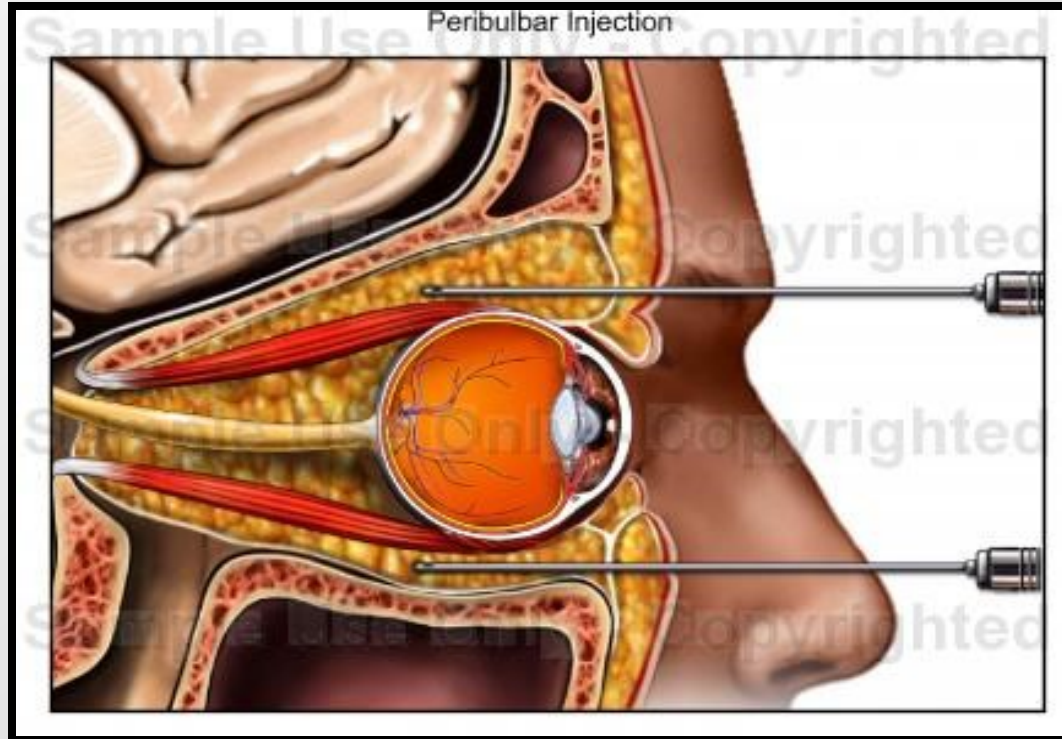
## 2. Retrobulbar injection (intracone)



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### 3. Peribulbar injection (pricone)



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## 4. Intraocular injection (injection directly into the chambers of the eye)



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