1.4 Outpatient pharmacology

There are two types of drugs used in ophthalmology; diagnostic and therapeutic. Diagnostic drugs are used in outpatients and operation theatre.

- **Mydriatics** are used to dilate pupil. All mydriatics do not cause cycloplegia. Dialtion is mostly done for postrior segment examination.
- **Cycloplgics** are drugs used to paralyse ciliary muscle for short time. All cycloplegics dilate pupil as well. Cycloplegics ae mostly used to do refraction in children.
- **Dyes** are commonly used in eye outpatients.
 - Fulurescein: Most common dye used is fluorescein which is used for checking intraocular pressure and staining cornea to se corneal lesions like abrasions, ulcers and punctate keratopathy. Floresein is also used for doing fundus fluorescein angiography (FFA) to see blokage and leakage in retinal vessels.
 - Methyline blue: This is another common dye mostly used to stain anterior capsule of lens for capsulotomy.
- Local anesthetics are used mostly to anesthetise cornea for checking intraocular pressure. They are also used for topical procedure like foreign bdy removal, scraping and cataract extraction under topical anesthesia.









