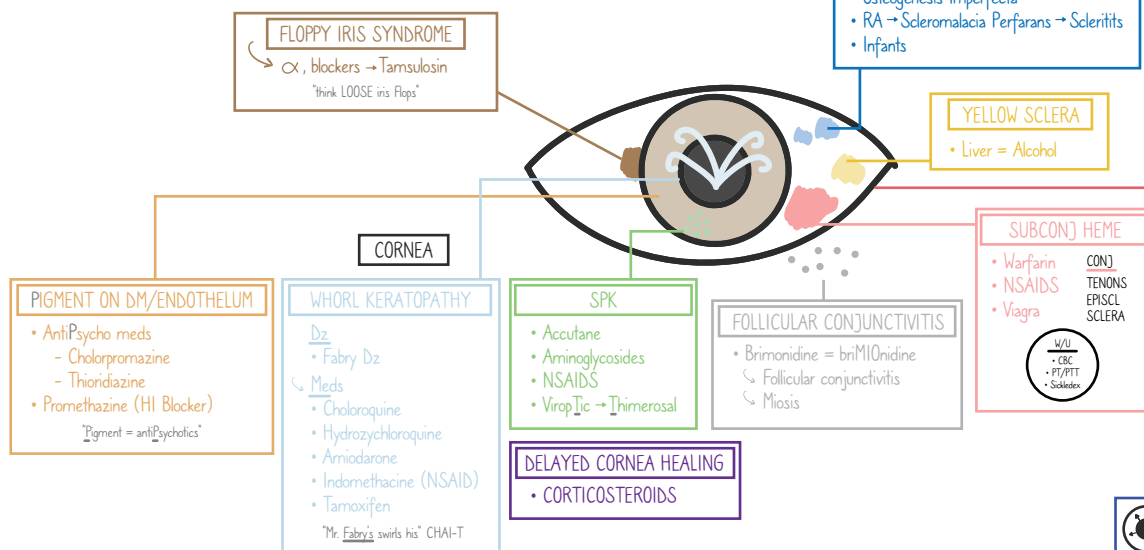


Ocular Side Effects of Common Medications

AUTHOR: Maria Martinez, OD @EyeDocMaria

EOMs



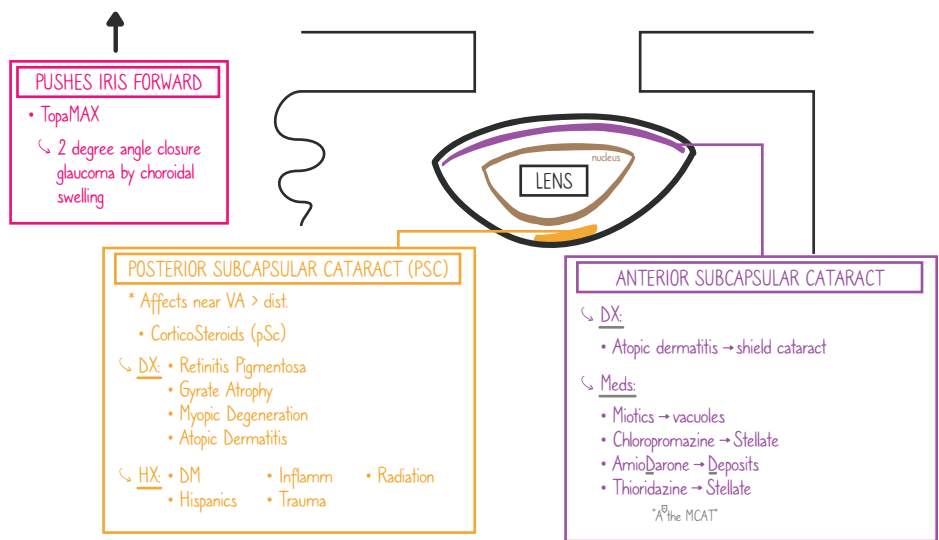
EYE MOVEMENTS

NYSTAGMUS "nystagmus + diplopia"
 • Phenytoin ("phe NY TWO in")
 • Phenylenzine
 • Phenobarbital
 • Diazepam
 • NSAIDS → in acute NSAI overdose

DIPLOPIA "nystagmus + diplopia"
 • Phenytoin ("phe NY TWO in")
 • Anti-Depressants
 • Anti-Psychotics
 • Anti-Anxiety

OCULOGYRIC CRISIS "get Cet for → psycho crisis"
 • PHENOTHIAZINES (anti-psychotics)
 ↳ chlorpromazine
 ↳ thioridazine
 ↳ Cetirizine (anti-histamine)

SMOOTH PURSUITS IMPAIRMENT:
 • Alcohol



MYDRIASIS "Meds that cause dilation may lead to angle closure!"

Drugs with anticholinergic effects

Anticholinergics:
 - Atropine
 - Scopolamine

Anti-Histamine:
 - 1st generation • brompheniramine
 • Chlorpheniramine
 • Diphenhydramine
 • Promethazine

TCA's • Amitriptyline
 • Imipramine

Anxiolytics • Diazepam

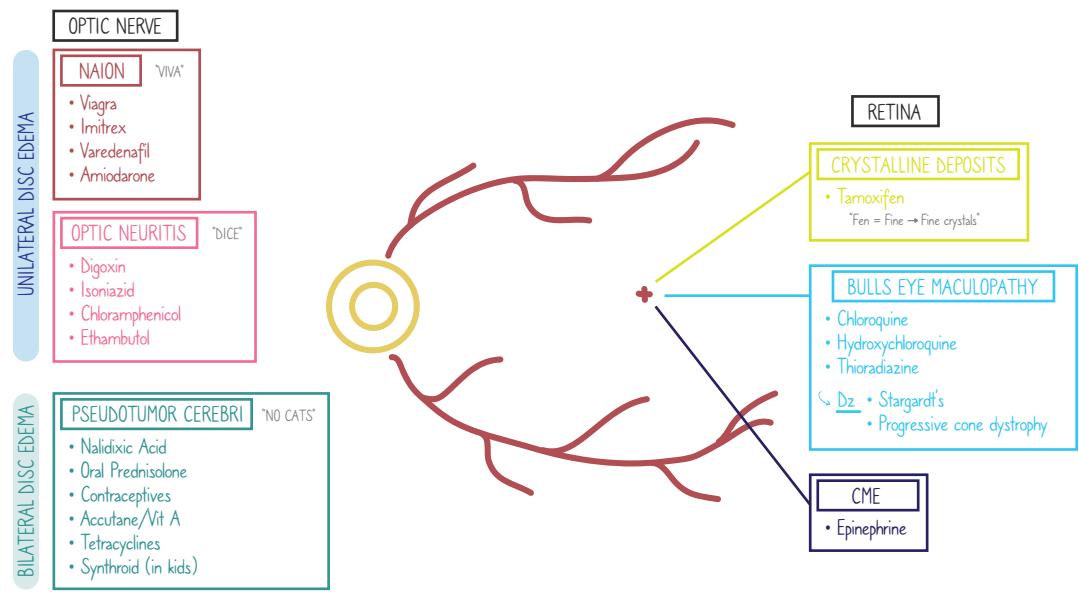
Sympathomimetic drugs • Cocaine

MIOSIS

α agonist: briMIONidine = MIOsis
 cholinergic agonist: • pilocarpine

opiates • morphine
 • codeine
 • heroin

ACE inhibitors: • Donepezil



AFFECTS COLOR VISION

• Digoxin → B/y → entopic phenomena
 • Accutane → affects CV + night blindness
 • Viagra → cyanopsia
 "Blue pill = tinted blue vision"
 • Ethambutol → rEd/grEen discrimination
 "DAVE's color vision is affected"