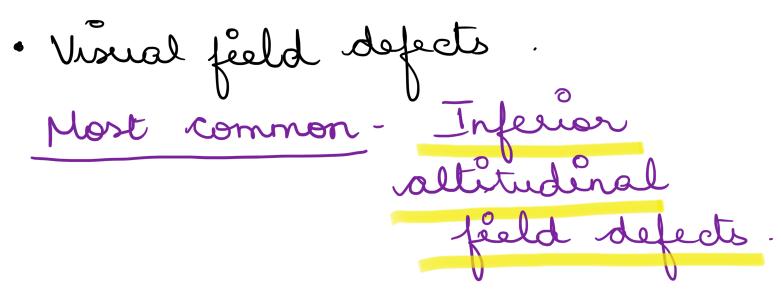


Non-artentic AION is caused by occlusion of short posterior ciliary arteries resulting in injurction of the optic nerve head.

Etiology:

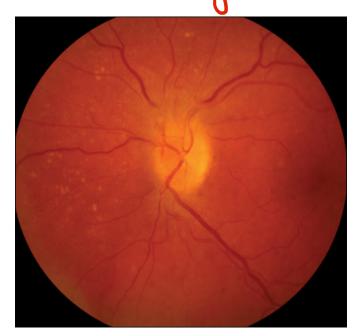
- · Hypertenson
- · Diabetes
- . Small wowded disc

- · Hyperlipidentie · Collagen vascular diseases · Noctuinal hypotension . Sleep après syndeome . Hyperhomocystinemia. Presentation: 6th-7th decades. Most Common in Symptoms: Sudden, Painless, undsterel loss et vision.
  - Signs: Moderate to severe visual umpairment.
  - · Colour mon is defecture



· Fundus enamination reveals SECTORAL DIFFUSE DISC EDEMA

unth penpapelary dischemorrhages.



Dirty white pallor of oplie disc sets in after 3-6 weeks.

## Investigations: - Blood sugar - Tipid profile - It to sule out - Seum homocystiene Jeestment :-- Control of systemic conditions - Aspirin, antiplatelets have been tried oral pudnisolone in tapeung dores Piegnons: Recurerce can occur in

of patients - Insolvement of other eye can

cour in 10-15.1. of patient.

Strict control of lailness tricts

is warranted.

#### ARTERITIC AJON

AAION is coured by front cell artentis - Elderly (>60 years) are affected.

### GIANT CELL ARTERITIS

- Grandonatous, recetizing affecting medium and large sized arteries. Superficial temporal. A, optithednic artery, posterior artery artery commonly involved.

# Clinical features of GCA:

- Scalp tenderners
- Jemporal poccepital headache
- Jaw claudication due to ischemia of manseter musde.
- Pain and styfners in the

proninal muscle groups called Polymyalgia rhematica

- Thickened tender inflammed nøderlar superficial temporal actives - Connot be flattened against the skull.

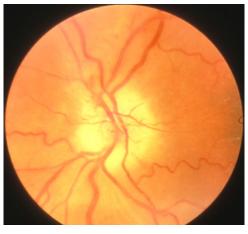
Non pulsatile superficial temporal asley.

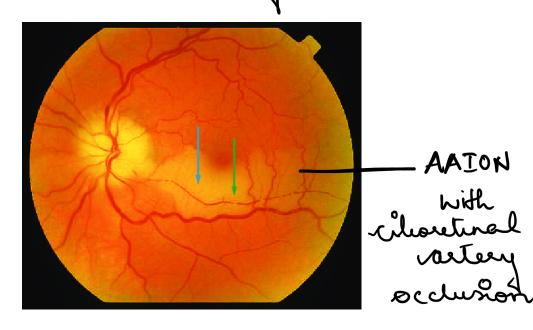


Louis neomplime, directions aneupons, miscardial infordions.

Ophthalnie manifestations et GCA 30-50./ of untersted patients develop AAION. ef inner mith penocular - vision lars is severe unally only perception of light (PL+)

- Fundus examination seveals chalky white edemalous disc.





## Investigations:

Diagnostic criteria	
If a patient	I. Patient age >50 years
possesses ≥3	2. New-onset headache
criteria, GCA is	3. Temporal artery abnormality (tenderness to
diagnosed:	palpation or decreased pulsation, unrelated to
	atherosclerosis of cervical arteries)
	4. Elevated ESR ≥50 mm/h
	5. Abnormal TAB

- ESR - very high 7 50 mm [he

- CRP

- Complete blood

arley - Jemporel - should be done biopsy days of starting unthen 3 slevoids. is the best location · Jemple for biopsy · Hleast 2.5 cm of artery should le taken To ovoid skip lessons. - color doppler - lyper echoic halo around superficual temporal artery: Enteaceanial large versel imaging

[ anneurement of the series of the se

Treatment: - iv nethyl predrisslone 19/day for 3 days oral predusolone (60 ng) tapered by 5 mg weekly. Erleur coated predrisolone thtiplatelet - T. aspirin Cisonglag Immunosupressives used in steroid resistant cases. Prognans: Very poor prognoms as optie aliephy sets in with premanent propourd house laws bruefory

### PION

- Due to inschemia of retrolaminer portion of news supplied by pial plenus.

Operature PION- Due to hypovolunic hypotension following long surgical procedures.

Arteritic PION - Due la giant cell auteitis

Non-adecitic PION- Due to diabetes, hypertension, nochunal-hypotension