ANISOMETROPIA

- i.e. There is a difference in the refractive error of the two eyes.
- If one eye is Myopia & the other is Hyp. The condition called ANTIMETROPIA.

CAUSES : - Usually congenital

CONDITION OCCUR WITH ANISOMETROPIA
- Difference in visual acuity - Amblyopia
- Anisokonia - difference in size of ocular image.
- Anisophoria - difference in the degree of neterophoria in various direction of space.

ANISOMETROPIA is not corrected by accommodation, since each eye receive the same amount of accomodation. Dectated by the fixing eye.

CLASSES
Class I – the difference is less than 1.5D
Class II - the difference is less 1.50 – 3.00
Class III- the difference is > 3.00
Class IV – has good corrected Visual acuity in OU but uses only one eye at a time.
TREATMENT :-

First determine the binocular vision before lenses are prescribed.

a - IN CHILDREN

- The younger the child, the more successful the result.
- Both eyes should be corrected to their best vision.
- Treatment amblyopia if present.
- Fusion training.

b - IN ADULT

- Should have the fullest correction that will not produce symptom. Of discomfort.
- If the pt. uses one eye for distance & the other for near, a correction that favor such a habit should be prescribed.
- For the weakest eye (poorer) undercorrect.
- The best is an early partial correction then add more in 6 month.