In the name of god
Arranged by:
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Understanding Sensory evaluation
NRC
Normal retinal correspondence
ARC
anomalous correspondence
A = H - S

A: anomaly angle
H: objective angle
S: subjective angle
HARC

S = 0

H = A
Paradoxical type 1
Paradoxical type 2

TARGET MOVED TO BASE-OUT POSITION BEYOND OBJECTIVE ANGLE TO ACHIEVE SUPERIMPOSITION

POINT ZERO FOVEA

POINT "a"

PATIENT'S PERCEPTION (CYCLOPEAN PROJECTION)
Normal Horopter

Identical Visual Direction Horopter (NRC Horopter)
Esotropic Horopter with ARC
Esotropic horopter with ARC in small angle
Split-field perception
Bagolini striated lenses
Orientation of streak seen by right & left eyes

a. SEEN BY LEFT EYE

b. SEEN BY RIGHT EYE
Perception:

1- NRC

2- HARC if there is a manifest deviation
Central suppression of the left eye
Peripheral suppression of the left eye
Esotropia with NRC
Exotropia with NRC
Hering Bielschowsky test

a. 
Portion of Flash Element Unmasked by Tape
Central Fixation Mark (Masked with Tape)
On Switch

b. 
Light bulb
Light switch
Esotropia with NRC

AFTER-IMAGE SEEN BY O.D.

AFTER-IMAGE SEEN BY O.S.

PATIENT'S PERCEPTION (CYCLOPEAN PROJECTION)
Esotropia with HARC
Esotropia with ARC and EF (the angle of EF = the angle of anomaly)
Esotropia with ARC and
EF (the angle of EF ≠ the angle of anomaly)
Brock - giver after image
suppression
Suppraession is one of the sensory adaptation to strabismus
Suppression is the defense mechanism to eliminate confusion and diplopia
confusion
diplopia
Characteristics of suppression
Visual field in suppression strabismic patient
Suppression classified by

**Size**

Central:
- Foveal
- Para foveal
- Para macular

Peripheral

**Intensity**

- Deep
- Shallow
Several attributes of the strabismic deviation affect the suppression response:

- Angle of deviation
- Laterality
- Frequency
- Noncomitant
Bar reading
Red lens test
suppression response
Diplopia
1. Normal response
2. HARC
Worth dot test
Suppression of the red filtered
Suppression of the green filtered
Normal response
Esotropia reponse
Exotropia response
The end...