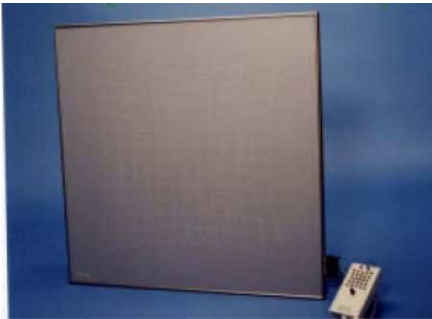




Hess Chart



Model 330.2,
Model 332 Diagnostic Charts,
Model 333 Hess Recording
Charts

Principles:

Dissociation

Foveal projection

Hering's and Sherrington's Laws of Innervation

1/2m from the eyes

Tangent screen: Interpretation:

Look for the smaller field – affected eye
Maximum displacement of field –
affected muscle or direction of gaze

Diagnosis:

1. which muscle is affected

2. degree of paresis

3. extent of development of muscle sequelae

4. differentiate recent onset/

5. differentiate mechanical/neurogenic

6. measurement of deviation (each little square is 5o)

7. myasthenia gravis combined with tensilon

longstanding

Observation: Management:

Assess change over time

1. timing of surgery

2. which muscle to operate on

3. effect of treatment

General points

1. look at field of BSV in conjunction with Hess Chart

2. do without glasses

3. do on any incomitant deviation

4. look at outer field for small weaknesses

5. cannot do with gross limitation

REMEMBER HESS CHARTS DO NOT SHOW TORSION