

CLINICA
REMENTERIA


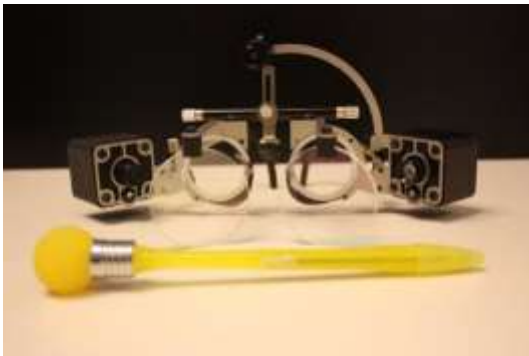


VIDEOOCULOGRAPHY IN STRABISMUS
SURGERY (SESION 8)
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VIDEOOCULOGRAPHY

It can take pictures and video.

It analyzes the pupil and the iris

1. Accuracy, objectivity and reliability
2. Over 4 years old



Patrón de proyección

VIDEOOCULOGRAPHY

Different tests:

1. Nine gaze positions (17°)
2. Five gaze positions (17°)
3. Free test
4. Pupil dynamics
5. Nistagmus
6. Saccadic ocular movements (number of refixations when reading)
7. Kappa angle measurement

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VIDEOOCULOGRAPHY

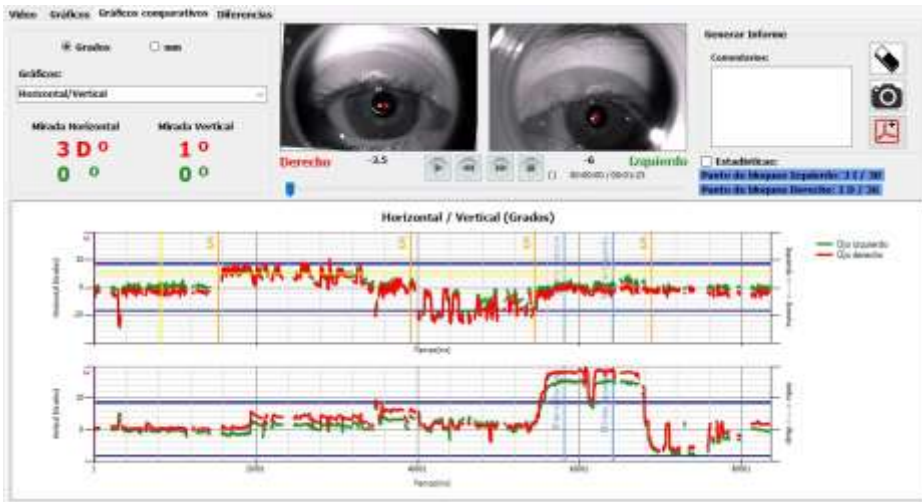
29 years-old girl with Down syndrome, intermittent divergence strabismus and nistagmus

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VIDEOOCULOGRAPHY



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67 years old man with diplopia and previous episodes of transient ischaemic accidents.

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VIDEOOCULOGRAPHY

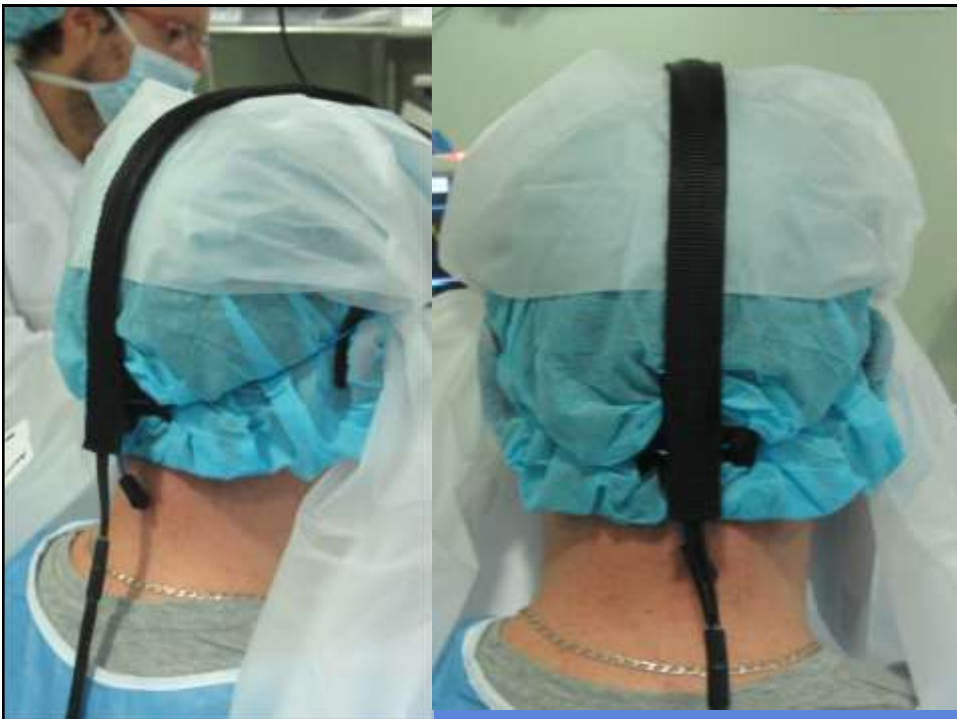


Advantages of strabismus surgery with topical anesthesia over general anesthesia:

1. Better results
2. Adjustment of the surgery
3. Less anesthetic risk
4. Check for diplopia and incomitances

In our hands it is indicated in adults (over 12 years old) but not in oblique muscles.

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VIDEOOCULOGRAPHY



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CONCLUSIONS



- Advantadges of videooculography:
 - Accuracy
 - Objectivity
 - Reliability
- Advantadges of topical anesthesia in strabismus surgery:
 - Better results
 - Adjustment of the surgery
 - Less anesthetic risk
 - Check for diplopia and incomitances
- The combination of both techniques gives us the combination of all these advantadges

