

ENG TEST

Set-up patient electrodes according to picture: **(MOST IMPORTANT!!!!)**

1. **clean** with prep or alcohol wipe,
2. apply electrodes,
3. tape

Open WSR Combo - Open ENG program

Equipment Test – vertical tracker– tell pt this is what he will see, keep head still -CLOSE
****(Align light during Equipment Test directly in front of patient)****

Maximum Security – password

New Patient (first, last, gender, DOB) or LOG (click on patient)

CALIBRATE

1. Vertical – tell pt it will jump up/down, follow with eyes, keep head still.
2. Horizontal – side to side

****(NEED PURPLE LINES)****

CLOSE

POSITION

Positional

1. Sitting – tell pt to close eyes and keep closed
2. Head Hanging – Chin to Chest, eyes closed
3. Head Left Lateral- Eyes closed
4. Head Right Lateral- Eyes Closed

CLOSE

OCULOMOTOR

Gaze

1. Center – Tell pt to stare at green dot, close eyes when told.
2. Right 20 degrees
3. Left 20 degrees

Smooth Pursuit

1. Horizontal 0.2Hz – Tell pt to follow green dot, keep head still
2. Vertical 0.2 Hz – same

Saccade

1. Horizontal – Tell pt to follow jumping dots, don't anticipate, keep head still
2. Vertical – same

Optokinetic (LIGHTS OUT)

1. Right slow – tell pt he will see green and black bars, count black
2. Left slow – same

CLOSE OUT OF PROGRAM and Proceed to VAT

ENG PRINTING

Open ENG Program

Find Patient in **LOG**

Report - OK

Double Click on Date of Test

Click on “Calibrate Horizontal” – OK

Check all tests performed –

- Saccades(both)
- Smooth Pursuit (Both 0.2Hz)
- Gaze
- Optokinetic
- Positional

Print

Summary

For 5 tests, click “WNL” if Normal, or “Abnormal” for any tests with * on results page.

Gaze and Positional – Must have at least 2 * for abnormal

Saccade – if abnormal, also check “age”

Smooth Pursuit – if abnormal, also check “age”

Print

VAT TEST

Tell pt to stare at DOT and move head to beats, making shorter movements as it gets faster.

Have pt watch video – exit

Open VAT program

Max. Security – Log – Click on Pt. - Open

TIGHTEN HEAD-STRAP

Horizontal Test at least 3 Times (*Need Blue DATA lines*)

Vertical Test at least 3 Times (*Need Blue DATA lines*)

******TIPS******

1. Start patient with your hand on head moving to beat/sound.
2. Show patient small movements of head when faster (1-2 inches)
3. Keep telling patient “FASTER, FASTER...”
4. Look for Blue line of DATA at least to 4 or 5.

VAT PRINTING

Open VAT Program

Find Patient in LOG

Analyze & Print

- Double Click Date
- Highlight All Tests – OK – Print – All - 1X1, 4 per page - OK
- Note CRP Horizontal Value for Report
- Note CRP Vertical Value for Report
- Close

Evaluate & Print

- Double Click Date
- Highlight All Tests – OK – Print Results – OK
- View - “Mean and Std Dev” – Print Results - OK
- Close

Report Writer

- OK
- Click VAT Description
- Click Results Tests Based on the Line for Horizontal and Vertical
- Use Blue Dots from Mean and Std Dev to Determine Hi, Low, WNL
- Gain & Phase
 1. If Blue Dot is within GREEN lines click “WNL”
 2. If Above GREEN Lines click “High”
 3. If Below GREEN Lines click “Low”
 4. **IF NO DATA, CLICK “INSUFFICIENT DATA”**
- In Comment Section Type CRP-Horz and CRP-Vert values
- Print