

Protocol ID: \_\_\_\_\_

Study Name: \_\_\_\_\_

Site: \_\_\_\_\_

Event Name: \_\_\_\_\_

Event Date: \_\_\_\_\_

Study Subject ID: \_\_\_\_\_

Interviewer Name: \_\_\_\_\_

Interview Date: \_\_\_\_\_

**BLSA VEMP and VOG - Ver. 1.0****Section Title: Ocular VEMP****Instructions:**

Date Completed

☐ Blank

Tester ID

**WEBER**

Sound the same in both ears

☐ Yes ☐ No

Click to deselect entry

Sound heard louder

☐ Right Ear☐ Left Ear☐ Unable to discern**RINNE**

Mastoid process positive conduction (BONE)

RIGHT

☐ Yes ☐ No

Click to deselect entry

LEFT

☐ Yes ☐ No

Click to deselect entry

External auditory meatus positive perception (AIR)

RIGHT

☐ Yes ☐ No

Click to deselect entry

LEFT

☐ Yes ☐ No

Click to deselect entry

**OTOSCOPIC EXAMINATION OUTCOME**

Impacted Cerumen

RIGHT

☐ Yes ☐ No

Click to deselect entry

LEFT

☐ Yes ☐ No

Click to deselect entry

OCULAR VEMP - OVEMP is response to TAPS on the middle of the forehead:  
Inclusion/Exclusion criteria

*(If "NO" the participant is not eligible for OVEMPs)*

1.1a Is the participant able to see the target?

☐ Yes ☐ No

Click to deselect entry

1.2 **LEFT** Eye - (trace on top):

Code 99.99 if no response

1.2a Ln1 (ms)

1.2b Lp1 (ms)

1.2c LNamp (uV)

1.2d LPamp (uV)

1.2e Lamp (uV)

- 1.2f Unknown
- ☐ Not Eligible
  - ☐ Physical Problems
  - ☐ Mental Problems
  - ☐ Technical Difficulties
  - ☐ Refused but theoretically could do
  - ☐ Time constraints

**LEFT** Eye - OVEMP Calibration:

1.2g LpA +/- (uV)

1.2h LnA +/- (uV)

**1.3 RIGHT Eye - (trace on bottom):**

Code 99.99 if no response

1.3a Rn1 (ms)

1.3b Rp1 (ms)

1.3c RNamp (uV)

1.3d RPamp (uV)

1.3e Ramp (uV)

1.3f Unknown

☐ Not Eligible

☐ Physical Problems

☐ Mental Problems

☐ Technical Difficulties

☐ Refused but theoretically could do

☐ Time constraints

**RIGHT Eye - OVEMP Calibration:**

1.3g RpA +/- (uV)

1.3h RnA +/- (uV)

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**Section Title: Cervical VEMP****Instructions:**CERVICAL VEMP - CVEMP is response to SOUND

Inclusion/Exclusion criteria

*(If "No or False", the participant is not eligible for CVEMP, but can perform OVEMP test - #3)*

2.1a The participant has no conductive hearing loss.

☐ True ☐ False    Click to deselect entry

2.1b. Can the participant move the neck with no restriction or pain

☐ Yes ☐ No    Click to deselect entry2.2 **RIGHT** Ear - Right SCM:

Code 99.99 if no response

2.2a Rp1 (ms)

2.2b Rn1 (ms)

2.2c Ramp (uV)

2.2d Rrec (uV)

2.2e Unknown

- ☐ Not Eligible (uVms)
- ☐ Physical Problems
- ☐ Mental Problems
- ☐ Technical Difficulties
- ☐ Refused but theoretically could do
- ☐ Time constraints

**2.3 LEFT Ear - Left SCM:**

Code 99.99 if no response

2.3a Lp1 (ms)

2.3b Ln1 (ms)

2.3c Lamp (uV)

2.3d Lrec (uV)

- 2.3e Unknown (uVms)
- ☐ Not Eligible
- ☐ Physical Problems
- ☐ Mental Problems
- ☐ Technical Difficulties
- ☐ Refused but theoretically could do
- ☐ Time constraints

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**Section Title: VOG****Instructions:****VOG-MANUAL HEAD IMPULSE TEST WITH VIDEO-OCULOGRAPHY:****Inclusion/Exclusion criteria**

*(If "NO or False", is an answer to any question, the participant is not eligible for this testing section)*

*\*\*\*\*\*Participant should take off his/her glass 5 minutes before the start of this test\*\*\*\*\**

**3.1a Is the participant able to see the target?**☐ Yes ☐ No [Click to deselect entry](#)**3.1b Can s/he move the neck without restriction or pain?**☐ Yes ☐ No [Click to deselect entry](#)**3.1c Subject has NO history of surgery in the blood vessels of the neck.**☐ True ☐ False [Click to deselect entry](#)**3.1d S/he had had cervical spine surgery and can move the head from side to side without restriction or pain.**☐ True ☐ False [Click to deselect entry](#)

Testing of vestibulo-ocular reflex (VOR) in response to rapid head movements in the plane of the indicated semicircular canals was performed using light-weight video goggles for video-ocularography during visual fixation of a target in front of the patient along the naso-occipital axis. The monocular camera that tracks the pupil is mounted over the right eye.

**Far target (1.24m) results****3.2a Horizontal (neutral head position with 10° pitch)**

3.2ai Left Horizontal	(Mean)	(Standard Deviation)
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3.2aii Right Horizontal	(Mean)	(Standard Deviation)
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- |                 |   |
|-----------------|---|
| 3.2aiii Unknown | <div><div><input type="radio"/> Not Eligible</div><div><input type="radio"/> Physical Problems</div><div><input type="radio"/> Mental Problems</div><div><input type="radio"/> Technical Difficulties</div><div><input type="radio"/> Refused but theoretically could do</div><div><input type="radio"/> Time constraints</div></div> |
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**Section Title: Ocular VEMP**

Instructions: