

Protocol ID: _____

Study Name: _____

Site: _____

Event Name: _____

Event Date: _____

Study Subject ID: _____

Interviewer Name: _____

Interview Date: _____

BLSA HV Neurological Assessment - Ver 1.0

Section Title: HV Neuro Assessment

Date Completed

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Tester ID

INTRODUCTION: "(You may sit.) I'm going to ask you to perform several tasks. For some, I will demonstrate the task to you first, and then I will ask you to perform the task. [IF CONSENT RECEIVED: We are going to record your movements with the video camera.] Are you ready?"

Upper Body Tasks:

1. Days of Week: "Please place your hands (ono the table/in your lap), and relax. Now, please recite the days of the week."

1. Days of the week ☐ Completed ☐ Not Completed

1a. Reason not completed ☐ 555 = physical problems

☐ 666 = mental problems

☐ 777 = physical and mental problems

☐ 888 = refused but theoretically could do

☐ 999 = technical problems

2. Smile: "Please smile until I say to stop." (ALLOW THREE SECONDS) "You may stop"

2. Smile ☐ Completed ☐ Not Completed

- 2a. Reason not completed
- ☐ 555 = physical problems
 - ☐ 666 = mental problems
 - ☐ 777 = physical and mental problems
 - ☐ 888 = refused but theoretically could do
 - ☐ 999 = technical problems

Examiner Note: Demonstrate items 3-7 to the participant as you give the instructions.

3. Finger to nose: "When I say 'Go' please hold your arms straight out in front of you with your palms down and keep them like this. Then, when I say "Now, touch your nose," please, touch your nose with your index finger, first with one hand, then the other. Then I will say to lower your arms.

TEST: "Ready? Go!" (ALLOW TEN SECONDS WITH ARMS HELD OUT) "Now touch your nose." (ALLOW PARTICIPANT TO COMPLETE BOTH GESTURES) "You may lower your arms."

3. Finger to Nose
- ☐ Completed ☐ Not Completed

- 3a. Reason not completed
- ☐ 555 = physical problems
 - ☐ 666 = mental problems
 - ☐ 777 = physical and mental problems
 - ☐ 888 = refused but theoretically could do
 - ☐ 999 = technical problems

4. Orbit Motion: "When I say 'Go' please make fists with your hands, hold them up in front of your chest with your elbows out, and rotate them around each other as fast as you can. I will then ask you to rotate them the opposite direction."

TEST: "Ready? Go!" (ALLOW FIVE SECONDS) "Now rotate in reverse." (ALLOW FIVE SECONDS) "You may stop."

4. Orbit Motion
- ☐ Completed ☐ Not Completed

- 4a. Reason not completed
- ☐ 555 = physical problems
 - ☐ 666 = mental problems
 - ☐ 777 = physical and mental problems
 - ☐ 888 = refused but theoretically could do
 - ☐ 999 = technical problems

5. Open and Close Motion: "When I say 'Go' please hold up your (dominant/most functional) hand, and close and open it

completely, as quickly as you can, until I say stop. Then I will ask you do the same with the other hand."

TEST: "Ready? Go!" [ALLOW FIVE SECONDS.] "Now the other hand." [ALLOW FIVE SECONDS.] "You may stop."

5. Open and Close Motion ☐ Completed ☐ Not Completed

5a. Reason not completed ☐ 555 = physical problems
☐ 666 = mental problems
☐ 777 = physical and mental problems
☐ 888 = refused but theoretically could do
☐ 999 = technical problems

6. Heel Taps: "When I say 'Go' please lift your right foot off the ground about 2 inches and tap just your heel down on the floor, and repeat this movement as quickly as you can until I say stop. I will then ask you to repeat this movement with your other foot. Do you have any questions?"

TEST: "Ready, Go!" [ALLOW SIX TAPS.] "Now do the other foot." [ALLOW SIX TAPS.] "You may stop."

6. Heel Taps ☐ Completed ☐ Not Completed

6a. Reason not completed ☐ 555 = physical problems
☐ 666 = mental problems
☐ 777 = physical and mental problems
☐ 888 = refused but theoretically could do
☐ 999 = technical problems

Chair Stand and Walk:

Examiner Note: Participant has to be able to rise from chair and walk in a straight line to a marker, turn around, and return and sit in chair. Suggest using the chair from Chair Stands and the course from the 3-or 4-Meter Walk, and positioning the chair against a wall at one end of the walking course. Else, identify another course (up to 5 meters) and mark the place to turn around.

7. Chair Stand and Walk: "Lastly, please cross your arms across your chest and when I say 'Go' please stand up from the chair without using your arms, then put your arms by your side and walk to the marker, turn around and return to the chair, and sit down in the chair. Do you have any questions?"

Test: "Ready, Go!"

7. Chair Stand and Walk ☐ Completed ☐ Not Completed

7a. Reason not completed

- ☐ 555 = physical problems
- ☐ 666 = mental problems
- ☐ 777 = physical and mental problems
- ☐ 888 = refused but theoretically could do
- ☐ 999 = technical problems