

SARA

Video Recording Instructions

v.2.0

PROTOCOL: AT-007-1002



Item 1 - Gait

Using the tape and stickers provided to your site, mark the following locations in the hallway where you will be administering the Gait item:

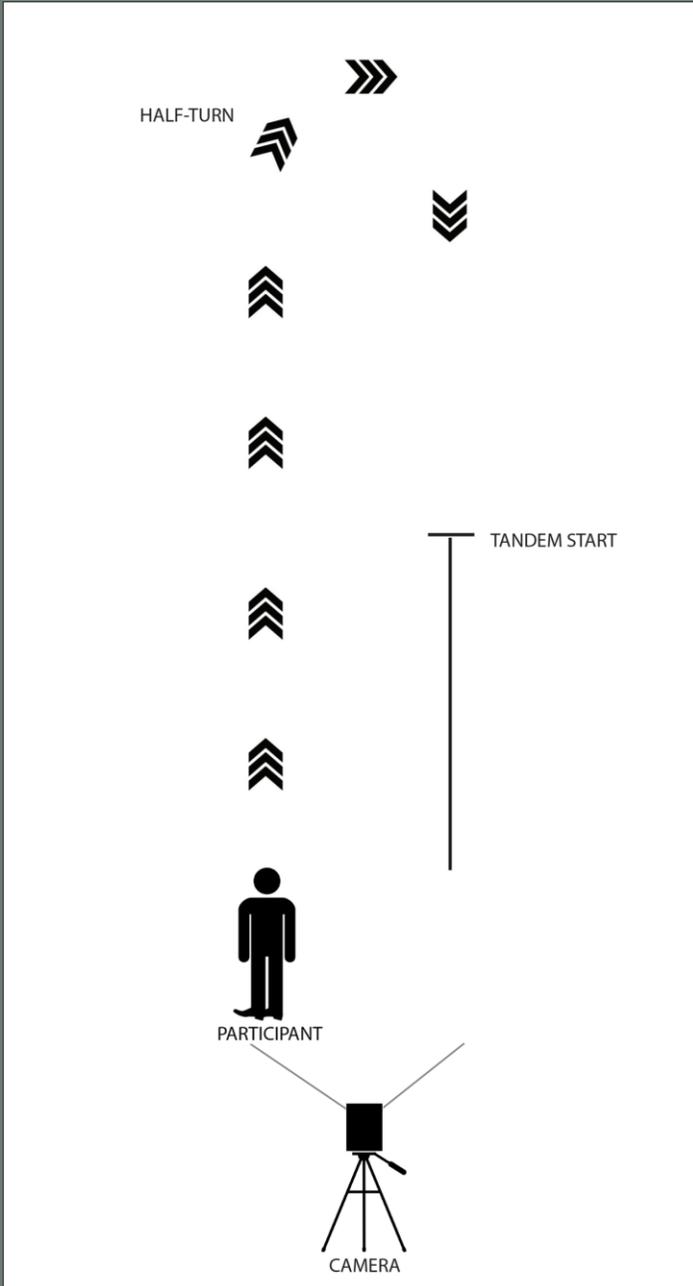
- **Camera Position** (the participant's back is towards the camera at the start position)
- Starting point of walk
- 10-meter (33ft) half-turn location
- Tandem line starting point
- Tandem line (that allows for at least 10 steps)

Prior to starting the task, ensure the participant's entire body is in the camera field of view at the starting point and that the participant's entire body will be always in the camera's field of view including at the half-turn location.

Instructions for the participant:

Instruct the participant to walk at a normal pace down the hallway, perform the half-turn at the location you marked, and then walk 2 more steps. The participant should then walk to the tandem starting point, where you will provide instructions to perform the tandem walk towards the camera. The tandem walk should be heel to toe with the toes touching the heels for each step.

You should demonstrate the entire task to the participant and confirm they understand the task.



Item 2 – Stance

The camera should be pointed at a 45-degree angle to the participant. The participant's whole body should be in the camera frame.

Instructions for the participant:

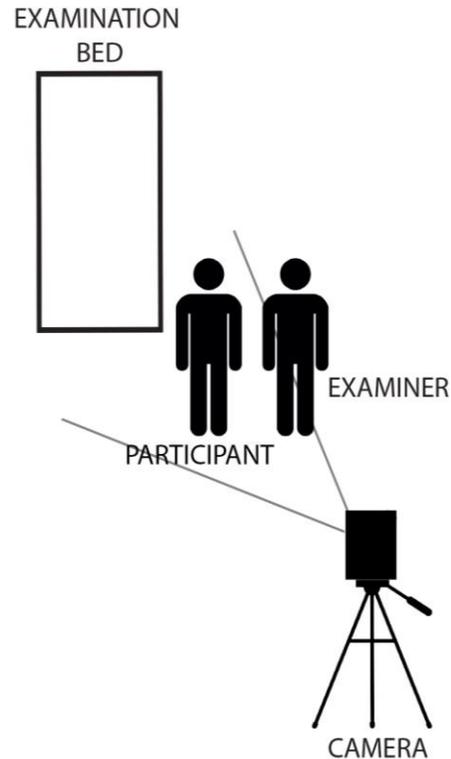
First, instruct the participant to take off their shoes.

Assist the participant into each position, if necessary. Positions include

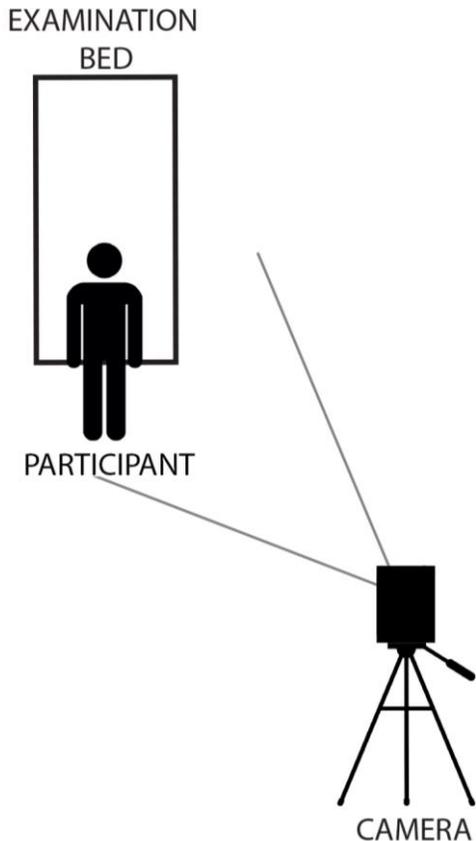
1. normal stance,
2. standing with toes touching ,and
3. standing in tandem (there should be no space between the heel and toes)

Do not start the 10 second task timer until the participant is ready.

Up to 3 trials are allowed for each of the three stance positions ~~per stance position~~



Item 3 - Sitting



The camera should remain at a 45-degree angle to the participant.

Instructions for the participant:

The participant should sit on the examination bed for this task.

The participant's feet should not be touching the ground. Additionally, there should be a 1–2-inch gap between the examination bed and the back of the participant's knee / upper calf. i.e., the participant should not lock their legs into the table for support.

Once you have confirmed the correct sitting position, you should then ask the participant to outstretch their arms to the front, such that they are at shoulder length.

You should demonstrate the entire task to the participant and confirm they understand the task.

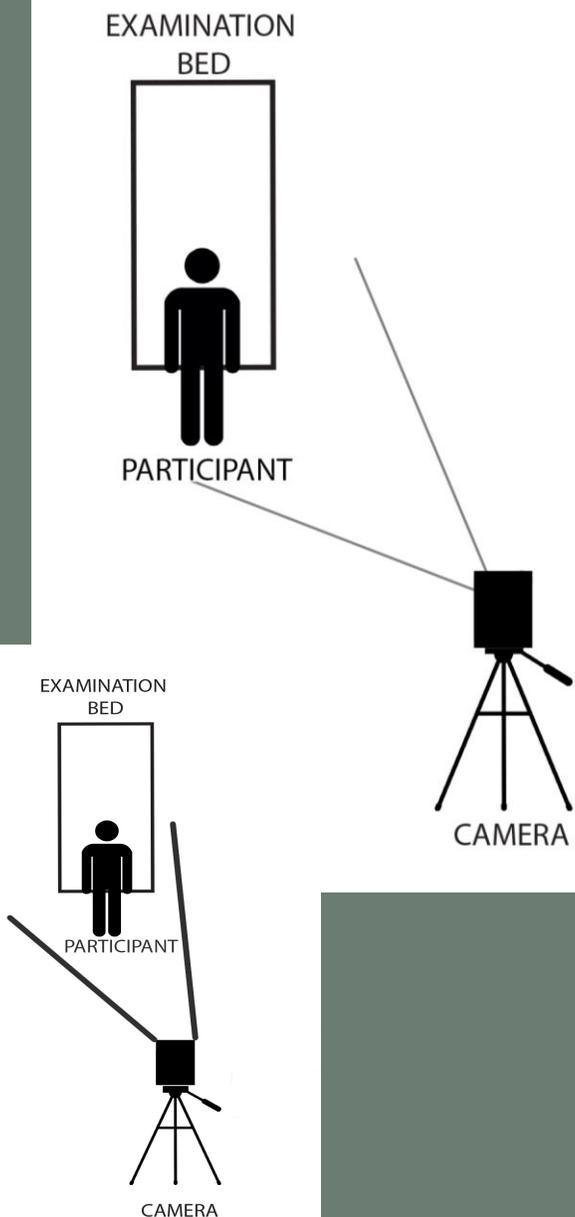
Item 4 – Speech Disturbances

The camera can remain at a 45-degree angle to the participant for this item. If the participant's voice is low, move the camera closer or use the external microphone provided to your site.

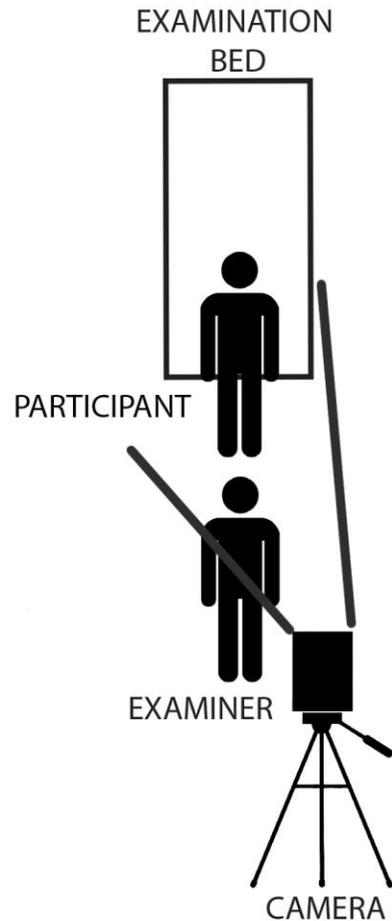
Instructions for the participant:

Engage the participant in an informal conversation. Conversational speech should be assessed. For example, you can ask the participant how their day went, how they got to the clinic, how they are doing at school etc...

Do not use standardized speech assessments for this task.



Item 5 – Finger Chase



The camera should be moved closer to the examiner.

The camera should be behind and to the side, of the examiner so that all required movements are in view.

Ensure that the examiner is not blocking the view of the camera frame.

Instructions for the participant:

Ask the participant to follow your movements with their index finger, as quickly and precisely as possible. Ask the participant to do this with both their right hand and their left hand – it does not matter which hand is first.

Note: The examiner should perform 5 consecutive sudden and fast pointing movements at about 50% of the participant's reach. Your movements should have an amplitude of 30 centimeters (or 11.8 inches) and a frequency of one movement every 2 seconds.

Participant's finger should not touch the examiner's finger.

Item 6 – Nose-finger Test

The camera should remain at the same position used in item 5 (Finger chase).

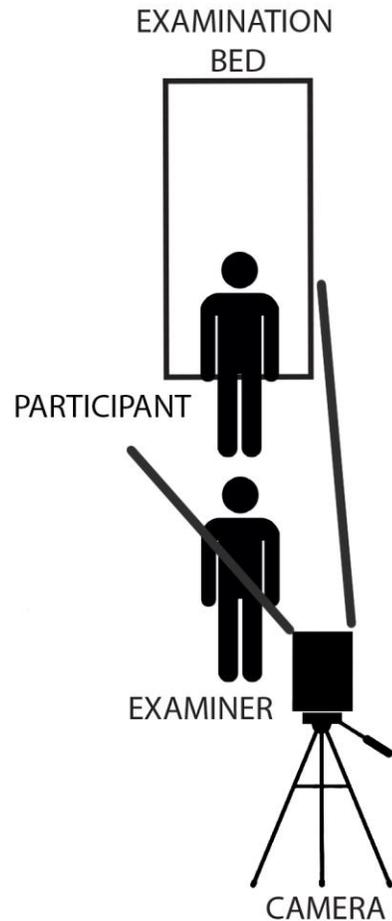
The camera should be behind and to the side, of the examiner so that all required movements are in view.

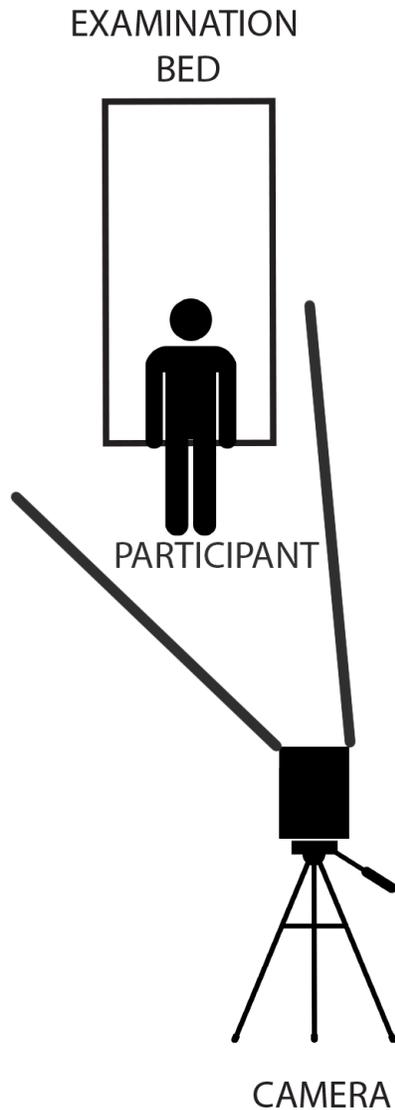
Ensure that the examiner is not blocking the view of the camera frame.

Instructions for the participant:

Hold out your finger within 90% reach of the participant and ask the participant to point repeatedly with their index finger from their nose to your finger. They must point from their nose to your finger five times. Unlike the finger chase, you do not need to move your finger in various directions in front of the participant. Your finger should remain still in one position. Ask the participant to do this with both their right hand and their left hand – it does not matter which hand is first.

Note: Participant's arm should be almost fully extended when performing the task.





Item 7 – Fast alternating hand movements

Move the camera so that it is directly in front of the participant. The examiner can stand at the side of the participant to not block the camera.

Ensure that the participant's entire body is in the camera field of view.

Instructions for the participant:

Ask the participant to first place one hand facing up on their thigh and flip the hand back and forth as fast as possible for 10 cycles. One back-and-forth movement is considered one cycle. You should demonstrate the movement with 10 cycles within 7 seconds prior to the having the participant perform the task. Following completion of the task with one hand, ask the participant to repeat with their other hand.

Note: Ensure that when you demonstrate the task, it is at the rate of 10 cycles within 7 seconds. The participant performs the task with one hand at a time, not both hands together. While the participant is performing the task, observe how many cycles they complete. If they can complete 10 cycles, note how long it takes them to complete 10 cycles.

Item 8 – Heel-shin slide

The camera should remain in the same position as item 7 and the examiner should ensure that the camera is capturing the whole participant.

Instructions to the participant:

The participant is asked to lie in supine position, with shoes off so the examiner can better observe the heel and toe movements and for the comfort of the participant. The participant's toes should be pointing up towards the ceiling for this task. The participant places their right heel on their left shin just below the knee and then slides it down their shin to the top of their foot, repeating as quickly and as accurately as possible. **The participant should briefly place their leg back on the examination bed between each trial.**

The participant then repeats this movement with the other leg. The slide down movements should be performed within 1 second. The task should be performed three times for each leg.

Note: The participant should be laying flat on the examination table, they should not be able to see their legs during the task.

