

Perceptual Dynamics Datasheet

Study ID: <u>SML914</u>	Date: <u>7/18/18</u>	Age: <u>20</u>
Handed: <u>(R)</u> L	Footed: <u>(R)</u> L	Height: <u>170</u>
		Weight: <u>60.1</u>

1. Go over prep datasheet (before the subject arrives)
2. Calibrate cameras and set origin
3. Consent Form
4. Change into study clothes
5. Restroom?
6. Markers + EMG sensors. Test EMG sensor signals.
7. Harness + divider
8. Subject calibration
9. Enable treadmill remote control, arm nexus for automatic capture

Trial #	Condition	Notes
03 03	TM burn in 150 @ 1.05 m/s	Nexus stopped @ stride 100

Main experiment: Perception trials

10. Explain controller and perceptual task to subject, including audio cues and keyboard keys
11. Give subject keyboard, noise canceling headphones and put on drape.
12. Introduce visual feedback for familiarization only.

Trial No.		Observations
<u>05/06</u>	Familiarization (with TV feedback)	subject needed two rounds to get familiarized
<u>07</u>	Perception - Baseline1	
<u>08</u>	Perception - Baseline2	
<u>09</u>	Perception - Baseline2 (again)	
<u>10</u>	Perception - Adaptation	
<u>11</u>	Perception - PostAdaptation	

→ BREAK

Sensor	Muscle	Observations
<u>1</u>	<u>LTA</u>	<u>✓</u>
<u>2</u>	<u>RTA</u>	<u>✓</u>
<u>3</u>	<u>LNG</u>	<u>✓</u>
<u>4</u>	<u>LLG</u>	<u>/</u>
<u>5</u>	<u>RMG</u>	<u>/</u>
<u>6</u>	<u>RLG</u>	<u>/</u>