

Perceptual Dynamics Datasheet

Study ID: <u>AB02 / SML</u> Date: <u>07/11/2018</u>	
DOB/Age: <u>21</u>	Height: <u>167cm</u> Weight: <u>62.2</u>
Handed: <u>(R)</u> L Footed: <u>(R)</u> L	

1. Go over prep datasheet (before the subject arrives)
2. Consent Form
3. Change into study clothes
4. Restroom?
5. Markers + EMG sensors
6. Harness + divider
7. Subject calibration

PART 1: Burn in

Trial #	Condition	Notes
<u>02</u>	TM burn in 150 @ 1.05 m/s	<u>2min</u>

Part 2: Perception trials

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

Trial No.	Condition	Observations
<u>3</u>	Familiarization (with TV feedback)	
<u>5</u>	Perception - Baseline1	<u>SUBJECT OVERSHOTS SLIGHTLY</u>
<u>6</u>	Perception - Baseline2	
<u>7</u>	Perception - Baseline2 (again)	
<u>9</u>	Perception - Adaptation	<u>→ FIRST AND LAST TRIALS ARE ONLY 5 STRIDES LONG</u>
<u>11</u>	Perception - PostAdaptation	

Control on treadmill & Arm
 Nexus for Auto-capture
 ← Break
 ← Break
 ← PC too slow stopping and starting

EMG SENSORS			
1	LTA	4	LMG
2	RTA	5	RLG
3	LLG	6	RMG