

# Perceptual Dynamics Datasheet

Study ID: A807 / smL907	Date: 7/23/2016	Age: 22
Handed: (R) L	Footed: (R) L	Height: 160.5 cm
		Weight: 73.7

1. Go over prep datasheet (before the subject arrives)
2. Calibrate cameras and set origin + zero force-plate
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

02-calibration

Trial #	Condition	Notes
04	TM burn in 150 @ 1.05 m/s	

## 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.	Condition	Observations
05+06	Familiarization (with TV feedback)	2 trials of familiarization
07	Perception - Baseline1	→ Subject was unsure about perturbation & <del>claimed</del> claimed not to feel the +100 mm/s
09	Perception - Baseline2	→ Subject was much better
10	Perception - Baseline2 (again)	LSMARK marker fell off
11	Perception - Adaptation	→ subject held for ~15 s at beginning of 2:1 and at 1:1 for ~3
12	Perception - PostAdaptation	→ No clear aftereffects in perception → barely reported in all trials

→ Subj. was nervous about pert. onset

→ Replaced both ASIS markers

Sensor	Muscle	Observations
1	LTA ✓	→ weird activity profile, no clear ON/OFF phases
2	RTA ✓	
3	LM6 ✓	
4	LL6 ✓	→ not too strong
5	RM6 ✓	
6	RL6 ✓	