Data Acquisition & Analysis: Worksheet

With the understanding of how asymmetry may alter the pathway of force and how the body compensates to distribute any overloading over adjacent tissues, now is the time to see how our assumptions compare with the objective data.

This task is to capture data from a person walking and best understand what you are seeing.

GENERAL GAIT ASSESSMENT

Can you recognise the function of feet in the gait of your patients this week? Pick an example patient, that may have a key feature or condition that is interesting to note and list what you see below.

Phase of Gait	**PLANTAR PRESSURE**		**VIDEO ASSESSMENT**	
	LEFT	**RIGHT**	**LEFT**	**RIGHT**
Initial Contact				
Loading Response				
Mid Stance				
Terminal Stance				

PLANTAR PRESSURE & VIDEO DATA ANALYSIS

Select an example patient, record their gait and go through the analysis process you have learnt in this Course. What do you see? Do the results make sense to you?

TASK	LEFT FOOT KEY FEATURES	RIGHT FOOT KEY FEATURES
Pressure Mapping • Loading • Asymmetry		
Curves (PvT Graph) • Symmetry • Timing • Shape		
CoP: Speed • Fluidity/Blockages • Trajectory		
Visual Gait Findings • Frontal Plane • Saggital Plane		