

**Table 2 Activities and subtypes with higher and lower energy expenditure**

ENERGY EXPENDITURE	HIGHER	LOWER
<b>Physiologic gait</b>  	Stance phase Running Uneven terrain, Sand Children, Elderly Male gender	Swing phase Walking Even terrain, grass Healthy adults Female gender
<b>Pathologic gait</b> Stroke SCI Limb loss Prosthetic component design Component alignment	Greater motor impairment Cervical, Thoracic Dysvascular, higher, bilateral Single axis Misaligned	Mild paresis, intact balance Lumbar Traumatic, lower, unilateral Hydraulic Well aligned