

MossRehab Gait & Motion Analysis Laboratory

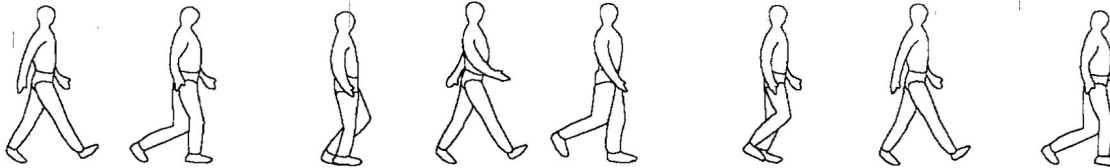
Name _____ Date 27 Jan 17

Diagnosis _____ Gender M Age 58 BW (kg) _____

Test Condition _____

Standing Leg Length (m) Left 0.91 Right 0.91 Stride Time (s) 1.2

Velocity (m/s) 1.22 Combined Cadence (steps/min) 100 Left 102 Right 98



Right Initial
Contact

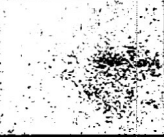
Left
Terminal
Contact

Left Initial
Contact

Right
Terminal
Contact

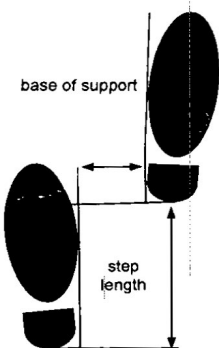
Right Initial
Contact

Left
Terminal
Contact

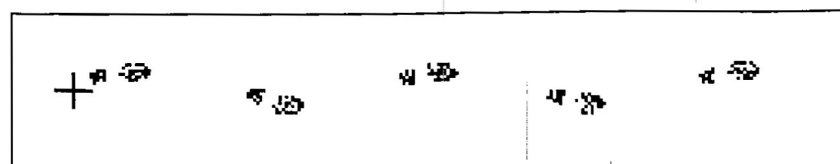
Right Stance Time (s) 0.73 ± 0.03 % Stride Time 61		Right Swing Time (s) 0.46 ± 0.03 % Stride Time 38	
		Left Swing Time (s) 0.44 ± 0.02 % Stride Time 37	Left Stance Time (s) 0.78 ± 0.04 % Stride Time 65
Right Double Support 	Right Double Support Data Time (s) 0.15 ± 0.01 % Stride Time 13	Left Double Support 	Left Double Support Data Time (s) 0.15 ± 0.01 % Stride Time 13
Left Step Time (s) 0.59 ± 0.02 % Stride Time 49 Length (m) 0.73 ± 0.03 % Leg Length 80		Right Step Time (s) 0.61 ± 0.03 % Stride Time 51 Length (m) 0.73 ± 0.03 % Leg Length 80	

Normal Values

Age range	41-60	Stance time	0.70 s	62%
Velocity range	1.0-1.5	Swing time	0.42 s	38%
Sex	Male	Step time	0.56 s	50%
Cadence	98-118 step/min	DS time	0.14 s	13%
Stride time	1.11 s	Step length	78% leg length	



0.02 ± 0.02
Base of support (m)



Sample of Foot Fall Pattern

left=red

direction of progression

right=green

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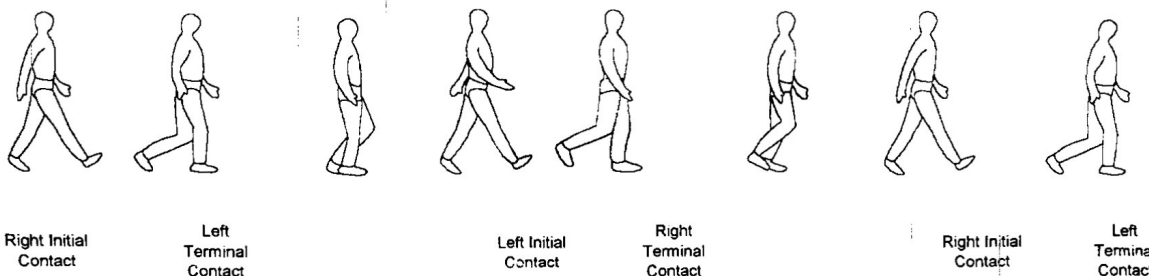
Name _____ Date 27 Jan 17

Diagnosis Zeen Gender M Age 58 BW (kg) _____

Test Condition _____

Standing Leg Length (m) Left 0.91 Right 0.91 Stride Time (s) 1.41

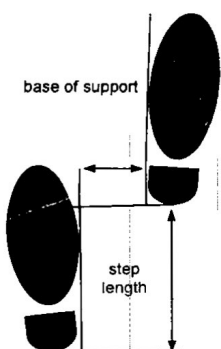
Velocity (m/s) 0.91 Combined Cadence (steps/min) 85 Left 83 Right 86



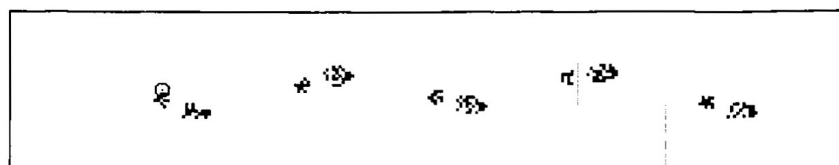
Right Stance Time (s) 0.90 ± 0.05 % Stride Time 64		Right Swing Time (s) 0.52 ± 0.07 % Stride Time 37	
Left Swing Time (s) 0.54 ± 0.05 % Stride Time 38		Left Stance Time (s) 0.86 ± 0.10 % Stride Time 61	
Right Double Support Time (s) 0.19 ± 0.04 % Stride Time 13	Right Double Support Data	Left Double Support Time (s) 0.17 ± 0.03 % Stride Time 12	Left Double Support Data
Left Step Time (s) 0.72 ± 0.05 % Stride Time 51 Length (m) 0.66 ± 0.03 % Leg Length 73		Right Step Time (s) 0.70 ± 0.05 % Stride Time 50 Length (m) 0.65 ± 0.02 % Leg Length 71	

Normal Values

Age range	41-60	Stance time	1.03 s	65%
Velocity range	0.5-0.99 m/s	Swing time	0.55 s	35%
Sex	Male	Step time	0.79 s	50%
Cadence	67-87 step/min	DS time	0.24 s	15%
Stride time	1.57 s	Step length	58% leg length	



0.03 ± 0.03
Base of support (m)



Sample of Foot Fall Pattern

left=red

direction of progression

right=green