

Spinal Seating Professional Development Project Assessment Form AF3A.1 Body Measurement Form With Prompts



 $\checkmark$ : Useful for this type of wheeled mobility.  $\checkmark\checkmark$ : Very useful for this type of wheeled mobility

	PROMPTS FOR BODY MEASUREMENTS						
As	sessment for:			Date:			
Body measurements are conducted on the client with:							
Tru	nk to Thigh Angle:			° Thigh to Lower Leg Angle:°			
	Linear Body Measurements	MWC	PWC	Dimensions: (State in centimetres and/or inches)			
A	Hip width:	$\checkmark\checkmark$	$\checkmark\checkmark$	<i>To estimate cushion width, seat width or width between side hip supports</i>			
В	GT width: (for GT width specific cushion)	-	-	<i>To determine width for cushions such as Jay 2 and Jay deep contour</i>			
С	External knee width / Width across knees	$\checkmark$	$\checkmark$	<i>To adjust seat width or consider various styles footplate hanger/legrest options</i>			
D	Chest width:	$\checkmark\checkmark$	$\checkmark\checkmark$	To estimate distance between lateral trunk supports or select appropriate backrest width To review seat width of MWC - distance between the backcapes at thoracic beight is equal/ greater than D			
E	Shoulder width:	~	~	<i>To determine distance between arm supports if upper limb positioning and arm supports are required</i>			
F	Thigh depth: (most rearward point / sacrum to popliteal fossa)	~~	~~	To estimate seat depth by deducting: - ~25mm (1 inch) if thigh to lower leg angle is >90° - ~50mm (2 inches) if thigh to lower leg angle is <90° (prevent seat base digging into calf muscles)			
G	Lower leg length: (Popliteal fossa to heel of the foot) *Note foot wear heel height	$\checkmark\checkmark$	$\checkmark\checkmark$	<i>To estimate distance between wheelchair front seat surface to foot support, deduct cushion height from "G", and add shoe height</i>			
Н	Foot depth: (heel to toe & with shoe)	$\checkmark$	$\checkmark$	<i>To select foot support /footplate style, size &amp; accessories, considering the impact of footplate interference on front castor spins</i>			
I	Foot width: (also consider shoe width for tapered frame)	$\checkmark$	-	To determine minimum width for tapered frame/ single foot support size. (I X2 - for left and right)			

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	Scapula height: (Sitting surface to inferior angle of scapula) *For hands free / hands dependent sitter only	~	-	<i>To estimate maximum back support height to cushion/sitting surface for unhindered scapulae movement in MWC propulsion</i>			
	Axilla height: (Seat surface to axilla)	$\checkmark$	$\checkmark$	The maximum height of the lateral trunk supports from cushion/sitting surface should be 25mm (1 inch) less than this measurement to prevent impingement of axillary nerve.			
	Elbow height: (Sitting surface to hanging elbow)	$\checkmark$	$\checkmark\checkmark$	<i>To estimate arm support or lap tray height from seat surface</i>			
	Forearm depth:	$\checkmark$	$\checkmark\checkmark$	To estimate armrest pad size and approximate joystick mounting position.			
	Shoulder height: (Sitting surface to shoulder)	-	V	Approximated backrest height from cushion/sitting surface for : -those who use tilt / recline for pressure management -for the mounting of anterior shoulder / trunk support to provide effective line of pull.			
	Occiput height: (Sitting surface to occipital ridge)	-	~	<i>To note head support height from sitting surface - particularly important for those with poor head control/use significant amount of tilt</i>			
	Maximum sitting height: (Sitting surface to top of head)	$\checkmark$	$\checkmark$	Consider clearance above the head while entering /being transported in vehicles. Overall head to floor height = P + cushion height at ITs + seat to floor height			
	Trunk depth: (for backrest style & lateral trunk supports)	-	-	To provide optimum support, the depth of lateral trunk supports should be $\sim 2/3$ of trunk depth for 'dependant sitters'			

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