

Allied Medical Set-Up Guide

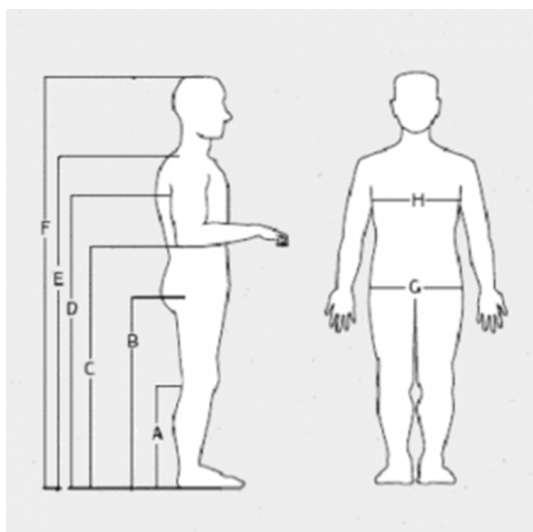


Leckey Mygo Stander

Tools required:

- Tape measure
- Allen keys
- Paper & Pen
- Script or Brochure as list key measurements and potential range of adjustment by model size.
- Instruction manual

1. Required measurements for set up & measuring guide:



Letter	Body Part	Required (Y/N)
A	Knee height (floor to mid knee)	
B	Hip height (floor to top of hip)	
C	Elbow height (floor to bent elbow)	
D*	Axilla height (floor to armpit)	
E	Shoulder height (floor to top of shoulder)	
F	Overall height (floor to top of head)	
G	Hip width (widest location)	
H	Trunk width (widest location)	

*Key Measurement

The measurements required for set up are best taken from a mat assessment as opposed to seated. Ideally, taking into account the shoes/gators that will be used when the client stands.



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Key points to measure:

- A. Bottom of foot/shoe to middle of knee for supine set up. Used to set the mid-point on the knee cups.
- B. Bottom of foot/shoe to top of pelvis. Used for setting the top point on the pelvic block.
- D. KEY MEASUREMENT: Bottom of foot/shoe to axilla. Used to set the thoracic lateral height. The actual measurement we use for set-up is approx. 40mm less than this measurement. (Differs greatly depending on how the person presents and level of support required – more is not always better)
- E. Bottom of foot/shoe to top of shoulder. Used to set the top point of the chest support.
- F. Bottom of foot/shoe to top of head. Used for setting up the headrest position. This is required for supine set ups only.
- C, G & H. These are nice measurements to have but as the components are adjustable, these can be adjusted during set up.

2. Available adjustments and options

There is a thorough guide from Leckey available, outlining adjustments in full that can be downloaded from our website:

<https://www.alliedmedical.co.nz/products/paediatrics/standing/leckey-mygo-stander/>

The document is entitled: "Mygo Stander User Manual PDF".

If you are looking for further information on tray, sandal, knee block or any other type of adjustment it can be found here.

3. Brief summary of how to set up the stander

- Set required height to axilla on the stander – This is done by loosening the turn knob located on the back of the central spine of the stander indicated in the image below. The actual height to axilla is determined by the top of the thoracic lateral attached to the chest block. You may also need to raise the back pad in conjunction with the pelvic block, see explanation below.



- Adjusting the height of the pelvic block. This is done by loosening the knob on either side of the stander and moving to the desired position. Then retighten the knob to secure. Image below.



- Move the knee cups to the desired position. This is done by loosening off the knobs that control the setting of the height, distance forward and distance laterally. The height, depth and lateral position of the knee cups can be altered independently. The three images below show these adjustments



- Loosen off the turn knob under the footplate – This will then allow you to move the shoe holder in the horizontal plane in 4 directions. Set to desired position.



- Adjustment to accommodate the knee contracture angle. Loosen the Allen bolt on both sides of the swinging footplate, ensuring the client is well supported. Adjust the angle as necessary and retighten. Pics two and three show prone and supine configuration.



- To set the angle to accommodate plantar-flexion or dorsi-flexion, loosen the Allen key located by the knee post, to the inside of the footplate. Place in the required position, then retighten. See image on left.

- To adjust the height and angle of the lateral supports, loosen the Allen bolt, adjust to the required width, height and angle and retighten.



- If you are setting up the Mygo Stander in supine, you will have a shoulder support. To adjust the angle of the shoulder support laterals, loosen the Allen bolt, move laterals to the required angle and retighten.



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- If you are setting up the Mygo Stander in supine, you will have a head support. To adjust the height, depth and angle of the head support, loosen the hand knobs and set to the required position.



- Adjusting tray height. It is possible to adjust the depth, angle and height of the tray, as in the images below.



- Setting the stander angle. Whether used in supine or prone the frame angle can be easily adjusted by rising the safety lock and turning the handle until the desired angle has been achieved. The angle can be read on the crossbar. Turn the handle clockwise to bring the stander upright and anti clockwise to move towards horizontal.



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4. Brief summary of how to set up the stander

More information can be found here:

https://www.youtube.com/watch?v=PM_O-RiR-5A

- Remember to take in to account the shoe height when setting heights. If the shoe is 1" thick then add 1" to your measurements.
- When taking a person from a horizontal loaded position to a standing position inset the tray only after they are half way up to avoid blocking their vision. This makes the process less stressful for the user.
- When securing the hip belt in supine, load the person in then secure the belt around them making sure it is tight. This is the key point in terms of getting a good standing position as it stops the user from slumping downwards when standing and loading the knees.
- Always secure the client's hip belt first and then next secure the laterals, knee cups and shoe holders.



5. Checklist

What to check	Done
Height to axilla set (in most cases with 2 fingers clearance to between the top of the lateral and the axilla as a starting point)	
Height to top of pelvic block set	
Position and height of knee cups set	
Thoracic laterals set	
Shoe holders set	
Headrest set	
Tray adjusted	
All adjustment points are tightened post set up	

6. Stander Technical Information

	Size 1	Size 2
Age	4-10	8-14
User Height	1080mm-1450mm (42.5"-57")	1100mm-1448mm (43.3"-57")
Max. User Weight	50kg (110lbs)	80kg (176lbs)
Chest Support Height (footplate to armpit)	760mm-1080mm (29.9"-42.5")	980mm-1300mm (38.5"-51.1")
Chest Width (distance between laterals)	160mm-280mm (6.2"-11")	200mm-320mm (7.8"-12.5")
Hip Support Height (footplate to mid-buttocks)	460mm-730mm (18.1"-28.7")	620mm-875mm (24.4"-34.4")
Hip Width (distance between hip guides)	220mm-330mm (8.6"-12.9")	280mm-390mm (11"-15.3")
Footplate Angle	Plantarflexion 10° Dorsiflexion 10°	Plantarflexion 10° Dorsiflexion 10°
Max. Knee Contracture Accommodated	25°	25°
Tray height range (from top of hip pad)	0mm-150mm (0"-5.9")	0mm-150mm (0"-5.9")
Tray angle adjustment	45° - Prone 45° - Supine	45° - Prone 45° - Supine



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