



Size	Waist Measurement	Size	Waist Measurement
X-Small	60 - 65cm	X-Small/Small	65 - 70cm
Small	70 - 75cm	Small/Medium	75 - 80cm
Medium	80 - 85cm	Medium/Large	85 - 90cm
Large	90 - 95cm	Large/X-Large	95 - 100cm
X-Large	100 - 105cm	X-Large/2X-Large	105 - 110cm
2X-Large	110 - 115cm	2X-Large/3X-Large	115 - 120cm
3X-Large	120 - 125cm	3X-Large/4X-Large	125 - 130cm
4X-Large	130 - 135cm	4X-Large/5X-Large	135 - 140cm
5X-Large	140 - 145cm	Add extender panel	157.5 - 182.5
Panel fully open	142.5 - 157.5cm		

## Clinician Fitting Guide

### VENUM Universal TLSO PPX

## VENUM Universal TLSO PPX clinician fitting guide

### Step 1

Measure circumference of the patient's waist at the smallest point and use sizing chart to determine patient size



### Step 2

Remove sternal cover to anterior upright remove anterior thoracic section from lumbar belt by loosening the three straps



### Step 3

To size brace, lay brace open out on bed and remove the side panels from both sides



### Step 13

Flex the hip to 90 degrees and adjust as necessary



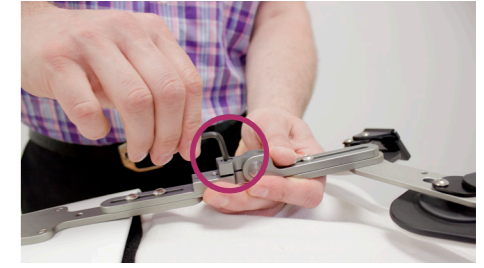
### Step 14

Place anterior shell onto abdominal section and adjust height to three fingers below sternal notch



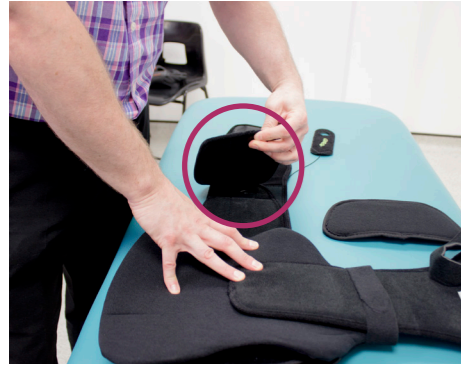
### Step 15

Adjust sagittal plane screw by turning 180 degrees anti clockwise so that the anterior thoracic pads fit around the chest wall. Adjust as necessary



### Step 4

Remove waist pads



### Step 5

Adjust belt on non-thoracic section side to required size by removing the right hand side and adjusting to the size from the sizing chart



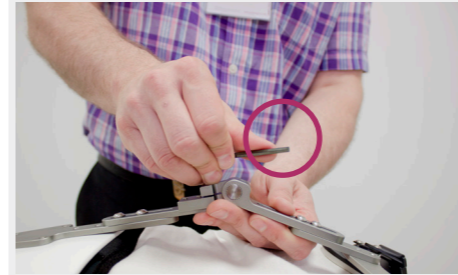
### Step 6

Place hole over required size and reattach right hand panel by placing against back section



### Step 16

Hand tighten the screws by turning clockwise and tighten sagittal plane adjustment screw by turning clockwise



### Step 17

Place anterior shell into abdominal section of the brace



### Step 18

Reattach abdominal section to left side of the belt



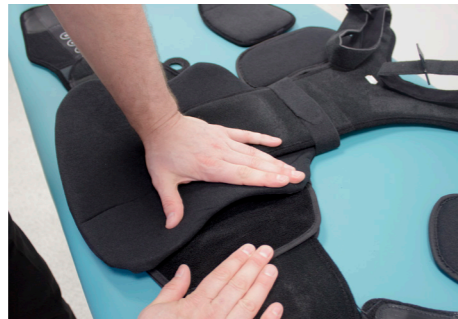
### Step 7

On the left side repeat the process but increase the size to the next size up to compensate for the thoracic section. (E.g. a patient that is sized at medium would show medium on the right hand side and medium/large on the left side)



### Step 8

Reattach left hand panel by placing against back section



### Step 9

Place waist pads back in position



### Step 19

Log roll patient to right side of bed



### Step 20

Place posterior section of brace with distal trim to area of mid buttock



### Step 21

Insert posterior upright and attach onto lumbar section of the brace Please note: shoulder straps should sit three fingers below apex of the shoulder



### Step 10

Place lateral side panels in position to sit central on the waist pad



### Step 11

Remove anterior plastic section from abdominal section



### Step 12

To size anterior section lay patient supine on bed and place on patient with the distal trim at area of pubic symphysis



### Step 22

Ensure posterior upright section is vertical in relation to the lumbar section of the brace



### Step 23

Feed the right hand strap under the patient along the bed and pull through until the brace is symmetrical at the back



### Step 24

Log roll patient back to supine position and check symmetry of brace



### Step 25

Fold over and attach abdominal section by pulling left hand side across abdomen ensuring anterior thoracic section is in the middle and pull right side across to fasten the brace



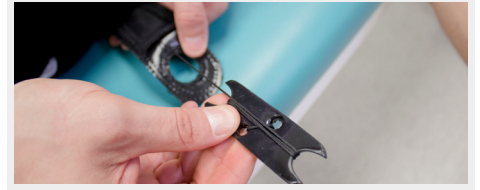
### Step 26

Flex hip to 90 degrees to ensure optimum fit



### Step 27

Remove bobbin straps and adjust bobbin as required so that the brace comfortably tensions and sits evenly on the front panel. Please note: For guidance the VENUM logos on the bobbins should not overlap. If they do, the bobbins need to be tightened



### Step 28

Pull straps out and across to achieve desired fit



### Step 29

Attach shoulder straps and tighten to fit. Please note: one finger should be able to fit under the strap to ensure optimum fit



### Step 30

Log roll patient to seated with legs over side of bed, check shoulder straps and symmetry of brace from front and adjust as required



### Step 31

Ensure at least one finger clearance at ASIS



### Step 32

Place hand at rib area to ensure enough clearance for the ribs



### Step 33

Check height of sternal pad to ensure one finger below clavicle



### Step 34

Check positioning of brace with the patient on a hard backed chair with hips flexed to 90 degrees



### Step 35

Once final fitting is achieved attach sternal cover to anterior upright



For more information on the VENUM Universal TLSO PPX or for training on fitting this brace, please contact us via e-mail at [orthotickenquiries@steepergroup.com](mailto:orthotickenquiries@steepergroup.com) or call us on 0113 270 4841 where we will be happy to assist you.

Please Note: All clinicians must follow NHS or local trust guidelines when log rolling patients.