

Instructions for blocking/unblocking the pelvic band

- I. When the screw is loose, the pelvic band can be moved up and down.
- II. Tighten the screw in any position to block the pelvic band.
- III. Make sure that the mechanism on both sides is blocked at the same position.



Precautions

- The brace must be prescribed and used under medical control and applied by an orthopaedic expert, who is the person of reference for application and any information regarding safe use, relative to personal needs.
- To ensure effectiveness, tolerability and correct function, the device should be applied with maximum care. Any structural alteration or adjustment must be prescribed by a clinician and made by an orthopaedic expert.
- It is advisable to wear the brace over clothing avoiding direct contact with the skin.
- Do not release the tension of the belt abruptly, in order to prevent sudden collapse of the trunk.
- Wash with a sponge dampened in warm water and mild soap. Dry with a soft cloth.

Single Patient Use

Any product supplied by Chris Hanley & Partners is for use by a single named patient only, as prescribed and fitted by a qualified clinician. Re-use of any product is potentially dangerous and will invalidate the CE mark and any warranty.



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HYPEREXTENSION BRACE INSTRUCTION LEAFLET



Fitting and adapting the appliance

1. Apply the brace to the front of the patient.



2. Loosen the screws on the lateral uprights (fig.2a) and on the front (fig.2b)



3. Adjust the brace vertically as follows (fig.3):
-lengthen or shorten until the pelvic band rests on the pubis and the plate on the sternum



-if necessary, the screws can be removed and replaced to a more suitable position

-tighten the screws and make sure the patient can sit without discomfort; adjust again if necessary

-make sure the lateral uprights are the same length after adjustment

4. Remove the screw and metal cap from the hinge between the vertical upright and the underarm section. (fig.5c)

-raise the top section, turn to the desired inclination and fit back onto the toothed wheel (fig.5d).

-fit the metal cover and tighten the screw.

-repeat the same operation on the other underarm section, taking care to obtain the same inclination.



5. Now make the horizontal adjustments (fig.4):

- adapt the brace to the width of the patient's chest
- tighten the screws, checking the symmetry with respect to the sagittal plane



6. Adjust the brace accurately to fit the patient:

- shape the pelvic band (fig.6a & 6b)
- shape the armpit sections (fig.6c & 6d)
- shape the lateral uprights at the level of the pelvis (fig.6e)
(to shape more accurately we recommend using bending tools).



7. Position the lumbar plate along the spinal column (fig.7):

-remove the knob screw and place it at the desired height and tighten it

-move the lever to the desired height using the two screws that fasten it to the metal structure.



8. If required, position the lumbar plate vertically, by removing the belt from the horizontal loops and threading it through the vertical ones (fig.8b)

9. Adjust the belt length:

-with the closure lever open, fit the hook in the knob screw

-if necessary, adjust the belt to obtain the desired lumbar thrust using the Velcro strap provided i.e. the brace is in the correct position when it remains in place even with the closure lever open (fig.9)

-fasten the brace using the closure lever.



10. Make sure the lumbar plate is centred securely on the spinal column.