THUASNE®

Dorso Rigid 35

Hyperextension TLSO* brace

*TLSO = Thoraco-Lumbar-Sacral Orthosis

Dorso Rigid 35

Dorso Rigid 35 is designed to promote hyperextension and restrict forward flexion.

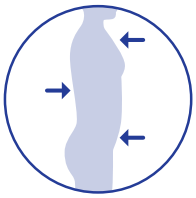
It provides immobilization and support to the thoracolumbar spine.

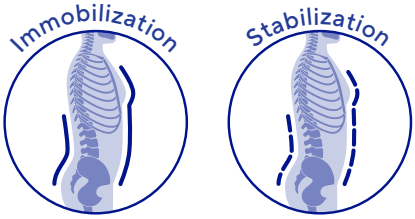
INDICATIONS

- Postoperative immobilization after spinal surgery.
- Post-traumatic - anterior body fractures (T6-L2).
- Dorsolumbar / thoracolumbar osteoarthritis.
- Conservative treatment of stable spinal fractures (T6-L2).
- Osteoporotic or metastatic-related.

EFFICACY

- Promotes hyperextension while providing a stabilizing and immobilizing action through a three point force system.



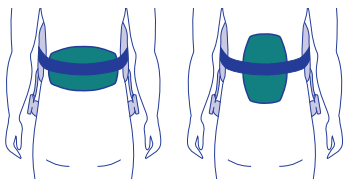


ADAPTABILITY

- Lightweight frame. 1
- Telescoping lateral uprights. 2
- Adjustable width of sternal bar. 3
- Articulated pelvic band. 4
- 4 sizes.

COMFORT

- Padded sternal pad and lateral uprights.
- Posterior panel that can be fit positioned horizontally or vertically on the patient.



- Posterior pad designed with arelief channel along the spine. (anatomical pad). 5

WATER-RESISTANT

- Usable in the shower
- Rust-proof.

FITTING GUIDE

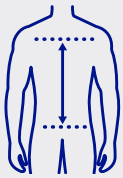
1| PATIENT CAN BE SUPINE OR SEATED FOR FITTING.

2| MEASUREMENTS:

Measure patient's pelvis circumference at the widest section

and

Measure height from pelvis to just below the sternal notch (2 fingers width below sternal notch) to determine proper brace size.



3| ADJUSTMENTS:

- Brace **height adjustment**- screws (Phillip's Head screw driver).

A

Remove screws on the lateral uprights.

B

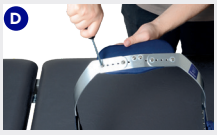
Make the necessary height adjustments to fit the patient appropriately.
Re-tighten all screws at desired height.

C

Make sure to also adjust the screw on the lever latch.
Make sure both lateral uprights are adjusted to the same height.

- Brace **width adjustment** - screws (Phillip's Head screw driver).

D



Remove screws on the proximal sternal bar.

E

Make the necessary width adjustments to fit the patient appropriately.
Re-tighten all screws at desired width.

4| APPLICATION:

- Conforming the frame (especially the pelvic bar) can be done on the edge of a table or by hand

- Detach the clip from the post on the frame (pull the buckle string forward to release) and open lever latch.

- Position the brace **over anterior aspect** of the torso.

- Proximal frame should be positioned two fingers width below the sternal notch.
- Wrap the attachment strap around the back, ensuring the posterior panel is centered.

- Secure the attachment clip to post on the frame.

- Once the brace is in the proper position, close the lever latch to tighten the brace.

- With the brace applied in the proper position and securely fit, it should stay in position and remain fixed with patient movement.

- Remove the brace by opening the lever latch and detaching the clip from the post.

5| CHECK THE FIT AND ALIGNMENT

- Make sure the patient can sit down and stand up without discomfort.

- If there is any gapping, or if the brace is too tight, conform the frame of the brace or retake measurements of the pelvis circumference and select the appropriate size (see size table).

SIZING CHART

	Pelvis circumference		Height*	
	cm	inch	cm	inch
S	60 - 75	24 - 29	39 - 46	15 - 18
M	75 - 90	29 - 35	42 - 49	16 - 19
L	90 - 105	35 - 41	45 - 52	18 - 20
XL	105 - 115	41 - 45	49 - 56	19 - 22

*Pubic symphysis to sternum.

WINGS
FOR YOUR HEALTH

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medical device mentioned on this document is CE marked according to the Regulation 2017/745 on medical devices, it is also UKCA-marked according to S.I 2002/618 regulation on medical devices. Medical device mentioned in this document is CE class I. Please contact the Legal Manufacturer should you need any additional information on device classification. Please carefully read the instructions for use, indications and contraindications of the product. The full list of medical indications is available in the instructions for use. Last revision date: 04/2025. Ref.: 2502077 Photos: Studio Caterin. Illustrations: Thuasne.

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