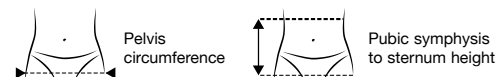


# DORSO RIGID 35®

## INSTRUCTIONS FOR USE

### Immobilising spinal hyper-extension corset

Thank you for choosing a Thuasne product and placing your trust in us. Dorso Rigid 35® is a rigid brace designed to support the entire spine in a hyper-extended position. Its adjustment and morphological adaptation capacities guarantee modular functional rehabilitation with an excellent level of comfort.



S	23½ - 29½ inch	12½ inch
MS	29½ - 35½ inch	12½ inch
M	29½ - 35½ inch	13¾ inch
LS	35½ - 41¼ inch	13¾ inch
L	35½ - 41¼ inch	15 inch
XL	41¼ - 45¼ inch	16¼ inch



### The action of Dorso Rigid 35®

Due to its stabilizing and immobilizing action, based on three pressure points, the Dorso Rigid 35® corset serves as a genuine support, designed to rest the spine and achieve static posture correction.

### The characteristics of Dorso Rigid 35®

**For greater efficacy** A dynamic hinge for modular treatment: Dorso Rigid 35® has two dynamic hinges. The range of motion of the lower hinge can be locked at the start of functional rehabilitation. It will be unlocked during the patient remobilization phase (Fig. 5). Easy adjustment to fit the morphology of each individual patient: The height and width of the corset can be adjusted to fit the patient (Fig. 2 and 3).

**For greater comfort**

A dorsolumbar pad promotes the stability of the corset when worn (Fig. 14 and 15).

**For greater practicality**

Fast, ergonomic fitting: Putting the Dorso Rigid 35® on every day is simple, thanks to a fastening buckle that is easy to grasp and handle. A corset that can be adjusted using a simple tool: Dorso Rigid 35® can be adjusted using an ordinary screwdriver (Fig. 6).

**Resistant materials:**

The frame is made of light aluminum alloy and the fastening system of light, solid composite material. The padded parts of the corset are made of water-repellent material, enabling all patients to wear Dorso Rigid 35® safely, even in the shower or during functional rehabilitation sessions in the swimming pool.

### Indications

- Reduction and stabilization of vertebral fractures with preservation of the posterior wall.
- Lower thoracic spine and thoracolumbar fractures.
- Osteoporotic compression of L2 following corset treatment.

### Contraindications

- Do not apply the product in direct contact with broken skin.
- Bone metastases.
- Bone fragility.

### Precautions

Follow the advice of the professional who prescribed or supplied the product. Consult your professional if discomfort occurs. Store at room temperature, preferably in its original packaging. For hygiene and performance reasons, do not re-use the product for another patient.

## Fitting instructions: Adjustment of the corset and first fitting


 **ACTION PERFORMED BY THE HEALTH PROFESSIONAL:** BEFORE USING FOR THE FIRST TIME it is necessary to adjust Dorso Rigid 35® to the patient's morphology and height.

1. With the patient lying down or standing up, lay Dorso Rigid 35® in front of him/her (Fig. 1).
2. Loosen the screws of the side uprights (Fig. 2) and at the front (Fig. 3).
3. Perform the vertical adjustments (Fig. 4):
  - Lengthen or shorten Dorso Rigid 35® until the pelvic strap is over the pubis and the pad over the sternum.
  - If necessary, remove the screws and replace them in a better position to fit the hyper-extender to the patient.
  - Tighten the screws and check that the patient can stand up without discomfort. If necessary, adjust vertically again.
  - Check that the side uprights are the same length after adjustment.
4. The make the horizontal adjustments (Fig. 7):
  - Adjust the upper part of Dorso Rigid 35® to the width of the patient's torso.
  - Tighten the screws, checking that they are sagittally symmetrical (Fig. 8).
5. Accurately adjust the corset to the patient's morphology:
  - Shape the pelvic strap (Fig. 9 and 10).
  - Shape the axillary parts (Fig. 11 and 12) so that they are flat against the pectoral region.
  - Shape the side uprights at the pelvis (Fig. 13) following the reference fold. It is recommended that bending tools be used for more accurate shaping.
6. Depending on the doctor's instructions, position the lumbar pad horizontally or vertically along the spine, in the position prescribed (Fig. 14 and 15).
7. Adjust the length of the strap:
  - after having opened the fastening lever, slip the strap into the buckles and fix it in place using the Velcro® tabs provided;
  - insert the hook into the knurled screw ;
  - if necessary, adjust the strap again to obtain the desired lumbar pressure: the pressure obtained is ideal when Dorso Rigid 35® stays in place, even with the fastening lever open (Fig. 17) ;
  - fix Dorso Rigid 35® in place using the fastening lever.
8. Check that the lumbar pad is properly centered over the spine.

### Locking the pelvic strap

- I. When the screw is loosened, the pelvic strap can be moved upwards or downward (Fig. 5 and 6).
- II. Tighten the screw in the position desired to lock the pelvic belt in place.
- III. Check that the mechanism is locked in the same position on both sides.

## Daily use (in accordance with the recommendations of the health professional having prescribed or dispensed the product)

 The adjustments made by the health professional (height, width, angle of hinges, strap tension) must never be modified by the patient.

1. Open the fastening lever and unhook the strap from the knurled screw (Fig. 16A).
2. Position Dorso Rigid 35® over the chest then pass the strap behind the back and attach it to the knurled screw.
3. Position Dorso rigid 35® so that the sternal pad is centered over the chest (Fig. 16B) and the pelvic strap does not cause discomfort when sitting (Fig. 16C).
4. Fix Dorso Rigid 35® in place using the fastening lever (Fig. 17D).

Composition: See product label.

### Washing instructions:

- See product label.
- Do not use detergents, fabric softeners or aggressive products (products containing chlorine).
- Dry away from heat sources.

### Additional information:

For more detailed information about Dorso Rigid 35®, or the associated indications, please consult the [www.thuasne.com](http://www.thuasne.com) website. In the event of any doubts or problems related to use of Dorso Rigid 35®, consult the professional who prescribed or dispensed Dorso Rigid 35®.

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