

TLSO Flex w/ Trunk Support

The ISO Preferred TLSO Flex w/ Trunk Support provides trunk support extending from the sacrococcygeal junction and ends just below the scapular spine. The 17" Rigid posterior plate combined with a soft anterior apron restricts gross trunk motion in the sagittal plane and produces intracavitary pressure to reduce the load on the intervertebral disks. The padded shoulder strap system can be easily adjusted and is held in place with adjustable anterior chest straps fastened together by a quick release buckle. The back of the shoulder straps join together and continue down the center of the spine. The center strap can be adjusted shorter or longer for proper placement and optimum fit utilizing the advanced hook and loop fastening system. The rigid lateral panels can be easily angled to provide the best possible fit for a variety of patient body structures.



ISO Preferred TLSO Flex w/ Trunk Support (BA220) is intended for the support of Sprains and Strains of the thoracic region, Spinal Stenosis of the thoracic region, Displacement of the lumbar or thoracic intervertebral disks, Postural kyphosis. The universal size is fully adjustable for sizes S-2XL and can be expanded with optional belt extensions to accommodate a wide range of patients.

1. The belt is designed to fit waist sizes Small to 2XL (see size chart). Referring to the size chart, adjust to a smaller or larger size by laying the back brace on a flat surface and making adjustments. Ensure the pull tabs are nearest to the middle of the back of the brace without the cords bunching up.
2. Position the center of the lumbar back brace over the spinal region at the desired height. Pull firmly and equally on both sides of the belt, wrapping and overlapping them across the stomach. Then secure together with fastening fabric.

Adjust Belt Length:

- If the belt is too long or too short, turn belt to inside.
- Unfasten the belt at position "A".
- Adjust the length on each side.
- Adjust both belts equally to position front and back plates properly. Excess belt may be cut as desired.



Position Lateral Side Panels:

- Place lumbar brace on waist and note the desired position of the Lateral Side Panels.
- Remove the brace and attach the lateral panels to each side of the brace.

3. **Adjust the height of the posterior thoracic extension:** First detach the back cover of the brace and lift it up exposing the string and roller pulley system. Next detach the hook and loop fastening strap. While holding the back panel in one hand, use the other hand to gently adjust the thoracic extension to the desired height. Refasten the strap to firmly secure the thoracic extension in place and refasten the back cover.
4. **Apply 1.** Put the brace on by placing the straps over each shoulder, similar to applying a backpack. Align the center of the posterior plate to the spine, and align the bottom edge of the posterior plate over the lumbosacral joint. Proceed to apply the brace by overlapping and fastening the belt as instructed above.
5. **Apply 2.** Utilizing the quick release buckle on the chest straps, attach the chest straps together until it snaps and is secure. Tighten or loosen each chest strap as needed. Next tighten or loosen each shoulder strap as needed making sure the brace fits snug. **DO NOT OVERTIGHTEN.** Slide cushioned padding on each shoulder strap until they are evenly placed and comfortable over each shoulder.
6. **Adjust the Tension:** Detach both pull tabs (attached to the cords) from the support belt. While pulling slowly towards the front of your stomach, firmly and evenly increase the compression support to your doctor's prescribed specific level. Re-attach both pull tabs. **DO NOT OVERTIGHTEN.**



ISO Lumbar Belt Extension: Universal (Optional-BA202)

For additional length at the waist securely fasten the (optional) **ISO Lumbar Belt Extension: Universal** to each side of the ISO Lumbar Belt.



INTRODUCTION

Your **ISO Preferred TLSO Flex w/ Trunk Support (BA220)** is designed to provide your body with the support and stability that it needs to successfully manage or eliminate your mobility concerns. It is critical that you follow your orthopedic professional's directions closely to ensure that the apparatus is worn properly and in the manner that will be most beneficial in addressing your issues. For correct application, please read the enclosed instructions or watch the on-line instructional video (if available) at www.ISOPREFERRED.COM so that this device can provide you with superior long-term usability and care.

USAGE RECOMMENDATIONS

It is vital that you read the included instructions and when applicable, watch the instructional video for the **ISO Preferred TLSO Flex w/ Trunk Support (BA220)**. This brace is intended for application by qualified professionals only. It is not recommended for patients to fit or apply or adjust their new brace without an orthopedic professional's expertise, unless otherwise instructed. Further questions regarding adjustments or changes, frequency of use, and/or duration of use should be presented to your orthopedic professional, as they are familiar with the specific needs and conditions, for which this device was prescribed.

CARE AND CLEANING INSTRUCTIONS

Please do not place your brace in the washing machine or dryer at any time. When preparing to clean your **ISO Preferred TLSO Flex w/ Trunk Support (BA220)** you will want to separate the parts where applicable and care for them individually.

- Do not dry clean, iron, bleach, or use an abrasive cleaning instrument on any part of the brace. Failure to follow these instructions may damage your brace and void the manufacturer's warranty and it may no longer work properly.
- Hand wash each section in cold water with a mild detergent. Lay flat to air dry.
- Allow all parts to air dry prior to reassembling the device.

CAUTION

The **ISO Preferred TLSO Flex w/ Trunk Support (BA220)** is for single patient use only. While every effort has been made to obtain maximum strength, function and durability, there is no guarantee that injury will be prevented through the use of this device, or if the instructions are not followed correctly. **DO NOT OVERTIGHTEN.**

LUMBAR BELT SIZE CHART

Size	Waist Measurement in Inches
Small	25"-32"
Medium	32"-38"
Large	38"-44"
X-Large	44"-50"
XX-Large	50"-56"
Extension (Optional)	56"-74"