



# 637 LSO Back Brace

## DOCUMENTATION WORKSHEET: RETAIN IN PATIENT RECORD

DOCTOR: \_\_\_\_\_ FITTER: \_\_\_\_\_

PATIENT NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

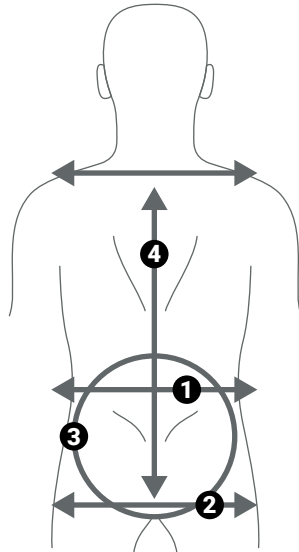
PATIENT #: \_\_\_\_\_ ADDITIONAL FOLLOW-UP DATES: \_\_\_\_\_

**TOOLS NECESSARY: SCISSORS, HEAT GUN, TAPE MEASURE**

For use with products manufactured by Coretech™ medical products only. This product is intended for application by health care practitioners as directed by a physician or other qualified medical authority. This is a prefabricated orthosis. It is intended to be customized to an individual patient. Follow the steps below to customize.

### STEP 1 - MEASUREMENTS

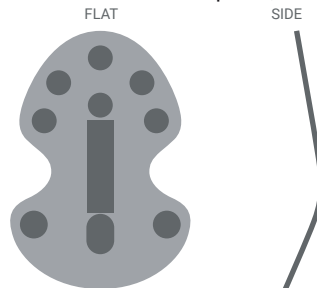
- 1 Lower rib circumference = \_\_\_\_\_
- 2 HIP circumference = \_\_\_\_\_
- 3 T9 to Sacrococcygeal Junction = \_\_\_\_\_
- 4 Length from hip to shoulders = \_\_\_\_\_



TIME SPENT: \_\_\_\_\_

### STEP 2 - CUSTOMIZE BACK PANEL TO ANATOMY

- A. Measure patient's lumbar lordosis then customize back panel to anatomy.
- B. To customize back panel, remove the panel, heat, trim reassemble.



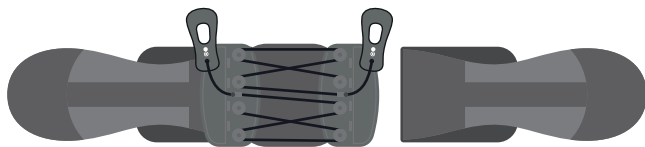
Patient's Lumbar Lordosis Degree: \_\_\_\_\_

Heat form to individual patient's anatomy and contour to create intimate fit for individual lordosis and soft tissue. Trim for individual patient's anatomy based on 3 \_\_\_\_\_

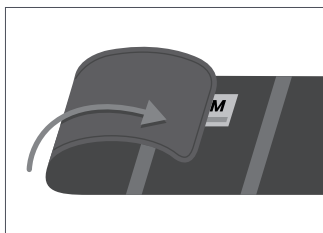
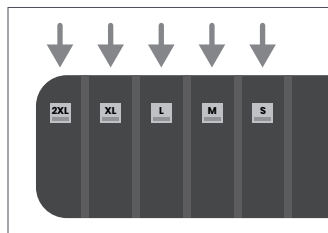
TIME SPENT: \_\_\_\_\_

### STEP 3 - CUSTOMIZE SIZING AND TIGHTENING MECHANISM

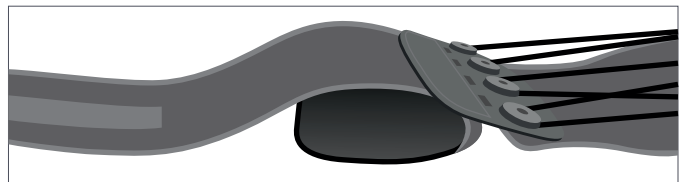
- A. Remove back panel from tightening mechanism/belt.



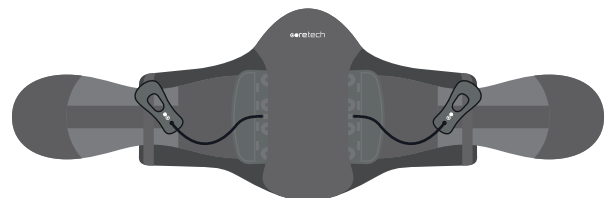
- B. Use waist circumference (average of 1 and 2 \_\_\_\_\_) to determine correct size. Mark the belt with chalk or use size indicators on the belt for reference and attach firmly to hook fastener on tightening mechanism. It may be necessary to trim excess belt for smaller patients.



SIZING IS CRITICAL TO PROPER PERFORMANCE  
Use the measurements below to customize to patient's anatomy.



- C. Adjust length of tightening mechanism/belt. Trim and adjust tightening string if necessary.
- D. Repeat B and C for opposite side.
- E. Reattach back panel to tightening mechanism/belt using the hook fastener strip in center of back panel. Ensure belts and cords are fed through the securing straps on back panel.



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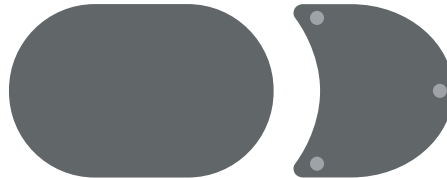
PATIENT NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

PATIENT #: \_\_\_\_\_ ADDITIONAL FOLLOW-UP DATES: \_\_\_\_\_

**TOOLS NECESSARY: SCISSORS, HEAT GUN, TAPE MEASURE**

### STEP 4 - MODIFY RIGID PANELS

Modify anterior panels as necessary



- Remove and heat mold anterior panels as necessary.
- Remove and trim to accommodate small and extra small anatomy.

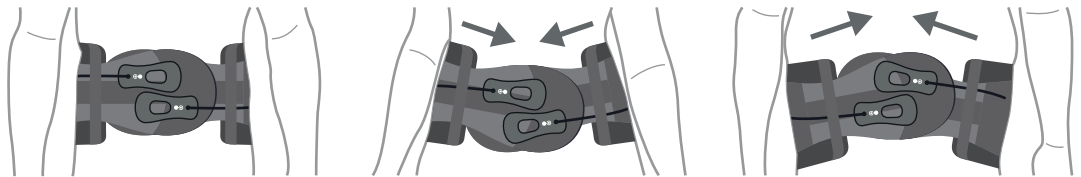
TIME SPENT: \_\_\_\_\_

### STEP 5 - CUSTOMIZE BELT FIT

#### ANGLE ANTERIOR PANELS

Every patient has a unique individual anatomy. Determine angulation for proper fit. Circumferential contact at both upper and lower margins of brace is essential for proper brace performance and support.

- A. Bend anterior panel to conform to patient's anatomy.
- B. Angle anterior panels:



- TIME SPENT: \_\_\_\_\_
- Neutral Configuration for best support
  - Inferior Angulation Configuration for best support
  - Superior Angulation Configuration for best support

### STEP 6 - EDUCATION

#### EDUCATE PATIENTS

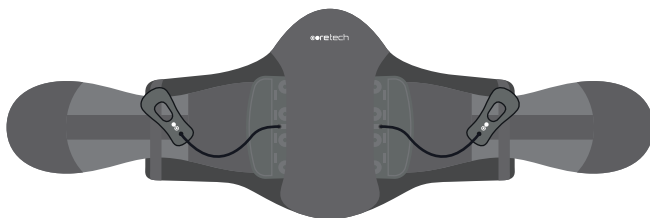
Proper education is needed for individual to maintain proper fit throughout total time of wear.

Items to educate patients on:

- Independent compression mechanics
- Proper angulation to ensure circumferential contact
- Proper cleaning
- Donning and doffing
- Proper placement of brace
- Follow up appointments

TIME SPENT: \_\_\_\_\_

### CLINICAL JUSTIFICATION FOR CUSTOMIZING BRACE



TOTAL TIME TO CUSTOMIZE BRACE: \_\_\_\_\_

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