

# HORIZON™ 627 LUMBAR

Doctor: \_\_\_\_\_ Fitter: \_\_\_\_\_

Patient Name: \_\_\_\_\_ Date: \_\_\_\_\_

Patient #: \_\_\_\_\_ Additional Follow-Up Dates: \_\_\_\_\_

TOOLS NECESSARY: Scissors • Heat Gun • Tape Measure

FOR USE WITH PRODUCTS MANUFACTURED BY ASPEN 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.

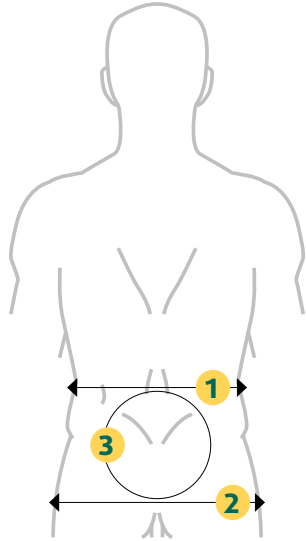
### STEP 1 - MEASUREMENTS

1 Lower rib circumference = \_\_\_\_\_

2 Hip circumference = \_\_\_\_\_

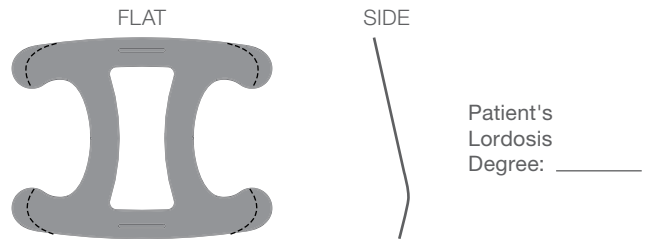
3 L1 - L5 = \_\_\_\_\_

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



### STEP 2 - CUSTOMIZE BACK PANEL TO ANATOMY

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



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 \_\_\_\_\_

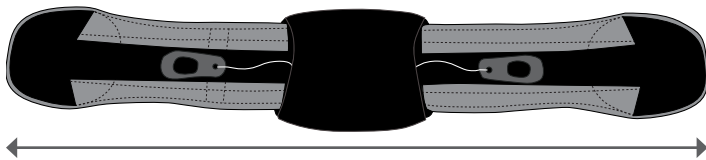
TIME SPENT: \_\_\_\_\_

### STEP 3 - CUSTOMIZE SIZING AND TIGHTENING MECHANISM

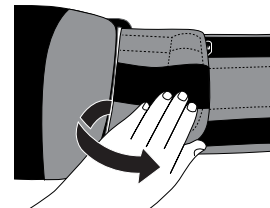
SIZING IS CRITICAL TO PROPER PERFORMANCE

Use the measurements below to customize to patient's anatomy.

- A. Use waist circumference (average of 1 and 2 \_\_\_\_\_) to determine where to mark belt with chalk.
- B. Adjust belt to chalk mark.



A. \_\_\_\_\_



- C. Adjust length of tightening mechanism. For individual patient, it may be necessary to adjust length of closure string. Trim and adjust length of strings.

YES. AMOUNT CUT \_\_\_\_\_

NO

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

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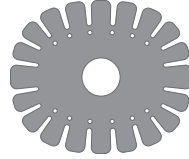
Patient Name: \_\_\_\_\_ Date: \_\_\_\_\_

Patient #: \_\_\_\_\_ Additional Follow-Up Dates: \_\_\_\_\_

TOOLS NECESSARY: Scissors • Heat Gun • Tape Measure

## STEP 4 - MODIFY RIGID PANELS

MODIFY ANTERIOR PANEL AS NECESSARY



Remove and trim to accommodate small and extra small anatomy.

Remove and heat mold anterior panel as necessary.

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

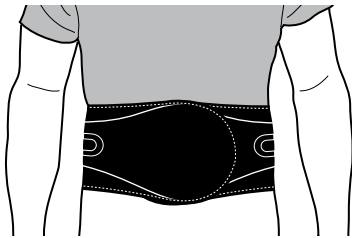
## STEP 5 - CUSTOMIZE BELT FIT

### 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.

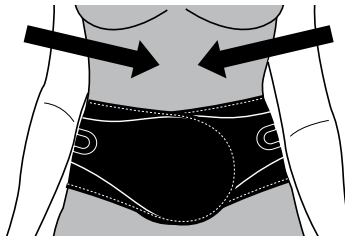
A. Bend anterior panel to conform to patient's anatomy.

B. Angle anterior panels:



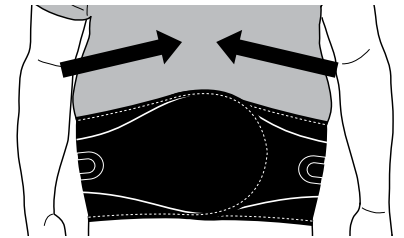
Neutral

Configuration for best support



Inferior Angulation

Configuration for best support



Superior Angulation

Configuration for best support

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

## 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

Don and doffing

Proper placement of brace

Follow up appointments

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

## CLINICAL JUSTIFICATION FOR CUSTOMIZING BRACE

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