

HORIZON™ 637 LSO

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

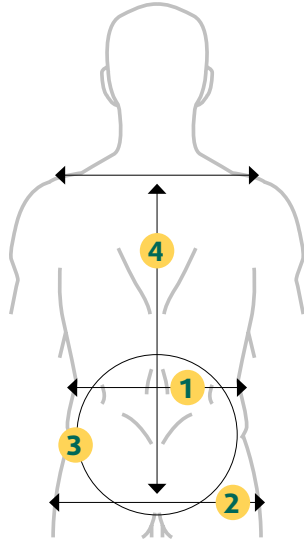
1 Lower rib circumference = _____

2 Hip circumference = _____

3 T9 to Sacrococcygeal Junction = _____

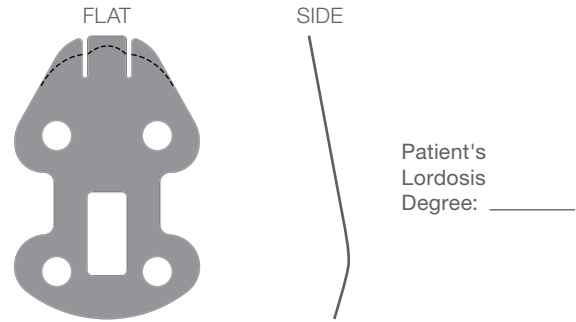
4 Length from hip to shoulders = _____

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 _____

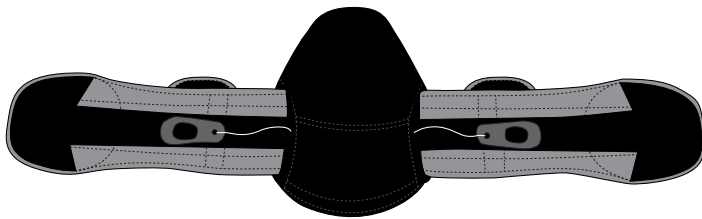
TIME SPENT: _____

STEP 3 - CUSTOMIZE SIZING AND TIGHTENING MECHANISM

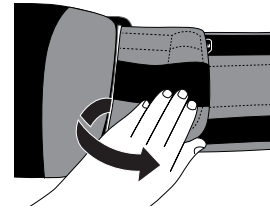
SIZING IS CRITICAL TO PROPER PERFORMANCE

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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Doctor: _____ Fitter: _____

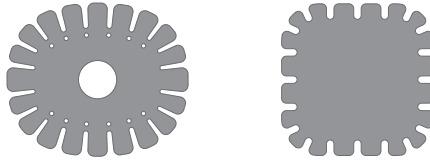
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STEP 4 - MODIFY RIGID PANELS

MODIFY ANTERIOR PANEL AS NECESSARY

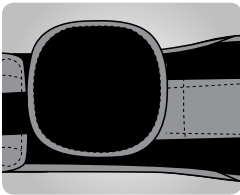


- Remove and trim to accommodate small and extra small anatomy.
- Remove and heat mold anterior panel as necessary.

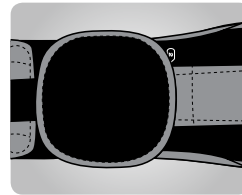
TIME SPENT: _____

STEP 5 - LATERAL PANELS

Use waist circumference (average of 1 and 2) to determine lateral panel placement. Take 1/4 of average waist circumference and measure that distance from anterior panels. Place lateral panels accordingly.



- If greater than 4, place lateral panels on the upper portion of the belt.



- If less than 4, place lateral panels on the upper portion of the belt.

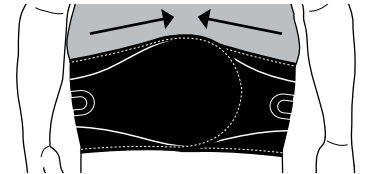
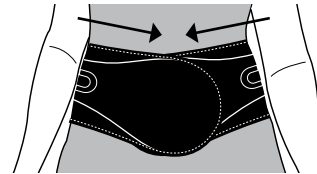
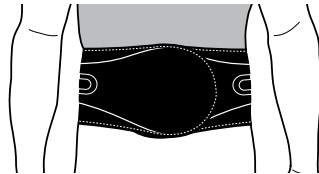
TIME SPENT: _____

STEP 6 - 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 7 - 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: _____