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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

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: ____________

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.
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.

TIME SPENT: ____________
HORIZON™ 637
LSO

DOCUMENTATION WORKSHEET: RETAIN IN PATIENT RECORD

Doctor: ____________________  Fitter: ____________________
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 - 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:

- Neutral Configuration for best support
- Inferior Angulation Configuration for best support
- Superior Angulation Configuration for best support

TIME SPENT: ____________________

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
- Don and doffing
- Proper angulation to ensure circumferential contact
- Proper placement of brace
- Proper cleaning
- Follow up appointments

TIME SPENT: ____________________

CLINICAL JUSTIFICATION FOR CUSTOMIZING BRACE

TOTAL TIME TO CUSTOMIZE BRACE: ____________________

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