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STEP 1 - MEASUREMENTS

1. Lower Rib Circumference =
2. Hip Circumference =
3. Sacrococcygeal Junction to Inferior Scapular Spine =
4. Length from Symphysis Pubis to the Sternal Notch =
5. Distal End Clavicle =

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.

FLAT
SIDE

Patient’s Lordosis Degree: ________

Heat form individual patient’s anatomy and contour to create intimate fit for individual’s lordosis and soft tissue. Trim for individual patient’s anatomy based on ________

C. Remove lordotic pad to accommodate for lordosis.

YES 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 ________ and ________) to determine where to fit rivets of belt through proper sizing adjustment holes in sides of back panel.

B. Once proper size is achieved, pull taut to lock rivets in place.

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

D. If sizing yields extra plastic and if appropriate to individual’s anatomy, trim extra plastic for superior customization to patient’s individual anatomy.

STEP 4 - MODIFY RIGID PANELS

MODIFY ANTERIOR PANEL AND LATERAL PANELS AS NECESSARY

Remove and trim to accommodate small and extra small anatomy.

Remove and heat mold anterior panel as necessary.

TIME SPENT: ____________________
**STEP 5 - TLSO ADJUSTMENT**

A. Customize T-bar. Use measurement 4 to determine the configuration of aluminum T-bar.

B. Bend aluminum T-bar for patient’s individual anatomy.

C. Anterior slot system number: 5

TIME SPENT: ____________________

**STEP 6 - CUSTOMIZE BELT FIT**

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: ____________________

**STEP 7 - EDUCATION**

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

Items to educate patients on:

TIME SPENT: ____________________

**CLINICAL JUSTIFICATION FOR CUSTOMIZING BRACE**

**TOTAL TIME TO CUSTOMIZE BRACE:** ____________________