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**STEP 1 - MEASUREMENTS**

1. Lower rib circumference = __________
2. Hip circumference = __________
3. Sacroccocygeal Junction to Inferior Scapular Spine = __________
4. Length from hip to shoulders = __________
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.

**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.

[Diagram of belt and tightening mechanism]

☐ YES. AMOUNT CUT __________
☐ NO

**TIME SPENT:** __________

**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 - TLSO ADJUSTMENT**

**ANATOMICAL LANDMARKS**
Boney Prominents: C7, Sternal Angles.

**A.** Use C7 to determine height of shoulder strap. Disengage hook and loop on shoulder strap piece from posterior panel to adjust to applicable height.

**B.** Determine if chest strap is required for individual patient. May be required if shoulder strap is interfering with axilla.

**C.** Shoulder length (from STEP 1) determines placement of shoulder straps. Lengthen chest strap appropriately.

**D.** Adjust chest strap to cover sternal angle.

**TIME SPENT:**

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**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:**

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**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:**

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**CLINICAL JUSTIFICATION FOR CUSTOMIZING BRACE**

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**TOTAL TIME TO CUSTOMIZE BRACE:**