



THUASNE

Custom Elbow Brace



The Townsend Custom Elbow Brace consists of carbon graphite shells and vacuum forming to intimately control elbow instabilities. It allows competitive athletes to perform with injuries that may otherwise cause them to be sidelined or compete in a diminished capacity.

Indications:

- Bicep Tendon strain, rupture or tear
- Triceps Tendon strain, rupture of tear
- Stable mid-shaft or distal humeral fracture
- Stable mid-shaft or proximal ulna or radius fracture
- Chronic epicondylitis
- Mild to severe soft tissue damage
- Post-operative elbow surgery to include the Tommy John UCL procedure
- Mild to severe elbow joint laxity
- Post-operative partial or total elbow replacement

Contraindications:

- Unstable humeral fracture
- Proximal humeral fracture
- Unstable ulna or radius fracture
- Distal ulna or radius fracture



Instructions for Use

- 1) Apply brace with hinges at elbow center in line with the humeral condyles.
- 2) Secure the proximal distal strap above elbow (strap just above the elbow).
- 3) Secure the distal proximal strap below the elbow (strap just below the elbow).
- 4) Secure the most proximal strap (top strap).
- 5) Secure the most distal strap (bottom strap).
- 6) Ensure the shells fit intimately on upper and lower arm.
- 7) Have the patient flex their arm to ensure the fit and function.
- 8) Have the patient doff and re-don the brace to ensure compliance to the fitting procedure.

NOTE: Straps can be trimmed to ensure Velcro closures are conveniently situated on the hook sensitive straps.

Extension and Flexion Stops

Extension stops can be set at 0, 15, 30 and 45 degrees.

Flexion stops can be set at 90, 110 and 120 degrees. Unless otherwise indicated on the order form, during fabrication the extension stop is set at 0, and the flexion stop is routinely set at 120.

To adjust the stops: (Flat Head Screw Driver Required)

- 1) Pull back the neoprene cover over the hinge
- 2) Remove the flex stop bushing
- 3) Apply the flexion stop bushing to desired degree and tighten screw
- 4) Repeat this process for the extension stop bushing

If this brace includes the optional hand extension, you can adjust the position (length) of the bar. Loosen the screws that connect the extension to the shell of the brace, slide the bar to the desired position, then re-tighten the screws.



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