

INSTRUCTIONS

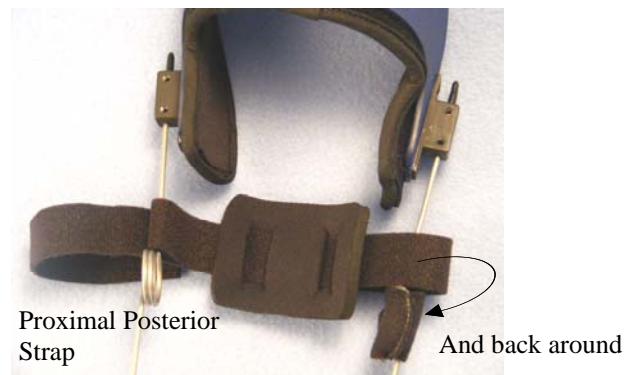
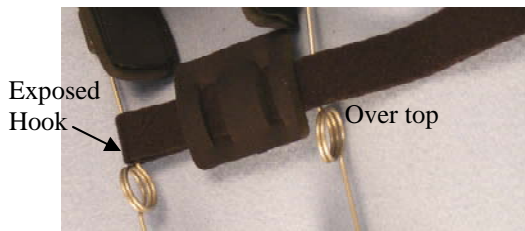
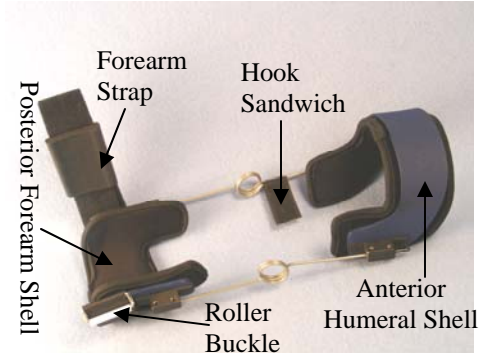
DYNAMIC ELBOW EXTENSION ORTHOSIS

SET-UP TO USE ON RIGHT OR LEFT ARM

Position straps to facilitate donning for right or left arm Application.

Posterior Proximal Strap—Apply PSA hook to medial side wire just above spring coil. **Remove Backing**—Place center of strip of hook on anterior aspect of wire. Fold both halves posteriorly, bonding hook together. Trim as needed.

Attach strap to hook leaving about 1 1/4" of hook exposed on the outside. Pass strap over top of wire on lateral side and back to exposed hook to secure.



APPLICATION—loosen all straps

With the humeral shell anterior, pass hand through space between shell and strap.


Slide shell proximally to a comfortable position and align the spring coils with the elbow joint. Tighten the posterior strap. Position strap pad. Leave strap long enough to allow easy application and removal.

Place posterior forearm shell on edge of table and “lean forward”. This will “flex” the spring and bring shell into position on forearm. Comfortably tighten. Adjust as needed.

Removal—to prevent a sudden release, place forearm shell on table and slowly loosen forearm strap . Loosen posterior proximal strap and remove.

Immediately contact your healthcare professional if you are experiencing skin irritations, pain, loss of sensations or if you have any questions or concerns.

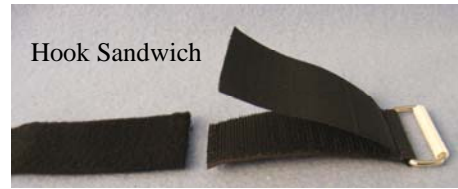


Single patient use. To be used only when ordered by a physician and applied by qualified medical professional **CE** 

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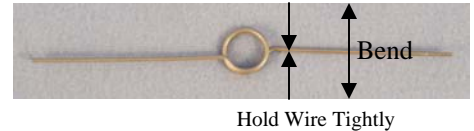
MODIFICATIONS/ADJUSTMENTS—Perform all adjustments with orthosis removed.

Forearm Strap—length adjustment



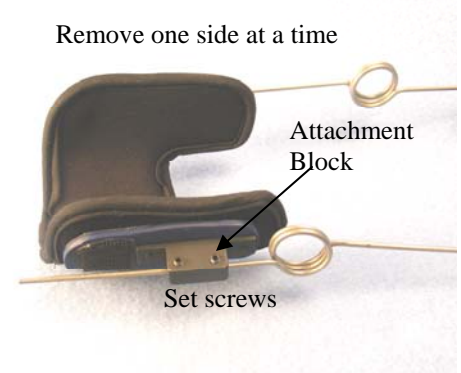
SPRING TENSION—loosening the forearm strap will reduce the extension force on the elbow.

The lateral wires on the spring can be carefully bent up or down to decrease or increase the extension force. Be sure to keep spring coil in proper alignment while bending.
Avoid hyper extending spring.



Choice of 3 spring tensions, 1, 2, & 3. The higher the number the greater the resistance.

Suggestion: Removing and replacing one spring at a time will facilitate spring alignment and orientation. Loosen Proximal and Distal set screws on one side. Slide spring down and remove.



Lateral Wires can be cut with bolt cutters. Finish cut end prior to using.

Kydex can be modified with a heat gun- Remove from patient, remove liner, avoid heating straps
Using extreme caution, gently heat plastic until soft, reshape, allow splint to cool completely before reapplying liner.

Evaluate fit and function and adjust as needed. Instruct patient on use and establish a wearing schedule.

CLEANING—Liners—remove from splint—hand wash mild detergent, rinse thoroughly, and air dry completely. Plastic—use damp cloth to wipe clean.

Avoid placing near open flame, heater or in a closed car on a hot day. Avoid storing in freezing conditions.

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