ULTRA-ORTHO™
Multipurpose Orthotic

One model, multiple applications!

Product Guide
Features

Provides wrist positioning and adjustability for both flexion and extension.

- Allows Metacarpophalangeal (MCP) joints to be placed in an extension for extensor tendon injuries, or flexion for joint injuries.

- C-BAR: Maintain webspace of thumb allowing a good sweeping position for adjustable abduction, extension and flexion.

- Ventilation for easy breathing to help prevent skin macerations. Secured rivets meet L-Code standards.

- Unique, comfortable material made from the latest textiles offers easy cleaning, durability and venting to alleviate any skin maceration.
and extension of the hand, wrist, thumb and digits.

- Ultra-Ortho™ is biomechanically designed to immobilize and offer adjustable support to meet a variety of therapeutic goals.

- The orthotic is easily adjustable and does not cause any impingement or pressure areas when straps are fastened. This allows the orthotic to be used immediately for a variety of different types of pathologies maximizing the functional outcome and progress as needed without refitting for a new orthotic.

- Applications include but are not limited to: contractures due to Dupuytren, head injury, stroke, spinal cord injuries, CVA, arthritic conditions or burns.

Dense foam padding provides improved wrist support.

Independent thumb strap allows custom adjustability for securing and supporting thumb in place.

All straps are fastened with a rivet to meet L-Code requirements. Each strap is rounded to prevent shearing and offer maximum comfort and control.

The innovative design combines a malleable frame with dense foam padding for a lightweight, soft orthosis that supports like a moldable plastic splint.
Ultra-Ortho™ conforms to individual’s progressive hand postures.

The versatile Ultra-Ortho™ eliminates the need of numerous other orthoses, including these Progress™ orthotics:

- Progress™ I.F. (Individual Finger) Ball Orthosis
- Progress™ Neutral Resting Orthosis
- Progress™ Neutral Hand Cone Orthosis
- Progress™ Dorsal Anti-Spasticity Orthosis
- Progress™ Palmar Bar Wrist Orthosis
Fitting Diagram

Removable Finger Separator
Removable Liner
Digital Pad
Digital Strap
Metacarpal Pad
Metacarpal Strap, with adjustment D-ring loop.
Carpal Pad
Carpal Strap
Forearm Pad
Forearm Strap
Thumb/Wrist Strap (optional)
Trough Skeleton
Steps prior to strapping:
1. Evaluate user/patient.
2. Set goals.
3. Identify the correct size for patient, using the sizing chart (see back cover).
4. Check Finger Separator position and adjust, as needed.
5. Bend/mold orthotic based on patient goals and indications.
6. Proceed with strapping instructions.

Adjusting Finger Separator:
Pull back liner.
Remove and reposition the Finger Separator to desired position.
Re-attach liner.

Bending/molding by hand (no tools necessary):
Press orthotic against a table or counter edge and gently bend. Reposition against the edge and bend again until you have the desired contour. Avoid creating sharp angles. To contour the trough, grasp near the center and gently bend. Work towards the outer edges to achieve a smooth contour.

Instructions for strapping:
After following the steps above, start the strapping process by placing the orthotic on user’s arm, as shown. In succeeding steps, start by positioning pad first and then secure with strap.

1. Position the Forearm Pad and Strap.
Place Forearm Pad to desired position. Use the Forearm Strap to fasten pad in place, strapping from radial (inside arm) to ulnar (outside arm). Secure strap in place with hook and loop.
2. **Position the Carpal Pad and Strap.**
   Place Carpal Pad to the desired position. Use the Carpal Strap to fasten pad in place, strapping from ulnar to radial. Secure strap in place.

3. **Position the Metacarpal Pad and Strap.**
   Place Metacarpal Pad to the desired position. Use the Metacarpal Strap to fasten pad in place, strapping from radial to ulnar. Secure strap in place. *Use the D-ring adjustment for additional security.*

4. **Position the Digital Pad and Strap.**
   Place Digital Pad to desired position. Use the Digital Strap to fasten pad in place, strapping from ulnar to radial. Secure strap in place.

5. **Thumb/Wrist Strapping (optional).**
   To secure thumb in place, wrap strap around thumb and orthosis 2 times. Secure in place with hook and loop.
   For improved wrist support, wrap strap over and around the thumb and orthosis once. Strap should be able to pass through the web space and back over the wrist. Secure in place.
Progress™ Ultra-Ortho™

Sizing Chart

Measure width across the MP joints at the distal palmar crease. If in between sizes, choose smaller size.

<table>
<thead>
<tr>
<th>Size</th>
<th>Width at MP Joints</th>
</tr>
</thead>
<tbody>
<tr>
<td>X-Small</td>
<td>3” to 3¼”</td>
</tr>
<tr>
<td>Small</td>
<td>3¼” to 3½”</td>
</tr>
<tr>
<td>Medium</td>
<td>3½” to 3¾”</td>
</tr>
<tr>
<td>Large</td>
<td>3¾” and up</td>
</tr>
</tbody>
</table>

(7.6 to 8.3 cm)
(8.3 to 8.9 cm)
(8.9 to 9.5 cm)
(9.5 cm and up)

Care instructions:
Removable liner is machine washable.

Order Information:

Progress™ Ultra-Ortho™

<table>
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<th>Right</th>
<th>Size</th>
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<td>NC25567</td>
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North Coast Medical, Inc.
www.ncmedical.com

SINGLE PATIENT USE

To be used under the guidance of a qualified medical professional.

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