North Coast Medical NC35326

North Coast Medical Deluxe Wrist Orthosis with Universal Cuff - Large Adult Right Hand Instruction Manual

Introduction

This instruction manual provides essential information for the proper use, care, and maintenance of the North Coast Medical Deluxe Wrist Orthosis with Universal Cuff. Please read these instructions carefully before using the device to ensure safe and effective application.

Product Overview

The Deluxe Wrist Orthosis with Universal Cuff is designed to support and position a drop-wrist into a desired degree of extension. It is also known as a long opponens splint. This model features a durable dorsal wrist support and a specialized palmar cuff.

- **Dorsal Support:** A leather-covered bendable metal dorsal support provides stability.
- **Arm Straps:** Leather arm straps secure the orthosis to the forearm.
- **Deluxe Palmar Cuff:** A 2-5/8" (6.6cm) deep Kydex palmar cuff with a riveted leather pocket. This pocket can be rotated to various positions.
- **Universal Cuff Functionality:** The rotatable pocket in the palmar cuff is designed to hold a pen or other utensils for activities such as typing, turning pages, painting, or writing.



Image: The Deluxe Wrist Orthosis, illustrating its design with the dorsal support and the universal cuff on the palm.

Intended Use

This wrist orthosis is intended for individuals requiring support for spastic or weak wrists, commonly following conditions such as spinal cord injury or stroke. It assists in maintaining the wrist in an extended position and facilitates independent activities through its universal cuff feature.

Sizing Information

To ensure proper fit, measure the MP (metacarpophalangeal) width of the hand at the MP joints. This specific model is designed for a Large Adult Right Hand.

Setup and Application

1. **Positioning:** Place the orthosis on the dorsal (back) side of the hand and forearm, ensuring the wrist is positioned in the desired degree of extension.
2. **Securing Straps:** Fasten the leather arm straps around the forearm to secure the dorsal support. Ensure the straps are snug but not overly tight to avoid restricting circulation.
3. **Palmar Cuff Adjustment:** Position the Kydex palmar cuff so it comfortably supports the palm.
4. **Universal Cuff Orientation:** Rotate the leather pocket on the palmar cuff to the desired position for holding a

utensil. The pocket can be adjusted to accommodate various angles for different tasks.

5. **Utensil Insertion:** Insert the desired utensil (e.g., pen, eating utensil) into the leather pocket. Ensure it is held securely.

Note: *If discomfort or skin irritation occurs, discontinue use and consult a healthcare professional.*

Operating and Adjustment

The primary adjustment for this orthosis involves the universal cuff. The leather pocket riveted to the Kydex palmar cuff can be rotated. Gently rotate the pocket to the angle that best suits the activity you are performing (e.g., writing, typing, eating). The bendable metal dorsal support can also be carefully adjusted by a healthcare professional to achieve the optimal wrist extension angle.

Care and Maintenance

- **Cleaning:** Wipe the orthosis clean with a damp cloth and mild soap. Do not immerse in water.
- **Drying:** Air dry thoroughly before re-use. Do not expose to direct heat or sunlight for prolonged periods.
- **Inspection:** Regularly inspect the leather straps, Kydex cuff, and metal support for signs of wear, damage, or sharp edges. Discontinue use if any damage is observed.
- **Storage:** Store in a cool, dry place away from direct sunlight.

Troubleshooting

Issue	Possible Cause	Solution
Discomfort or pressure points	Straps too tight, improper positioning, or incorrect size.	Loosen straps, re-position the orthosis, or verify correct sizing. Consult a healthcare professional if discomfort persists.
Orthosis slips or moves	Straps too loose, or orthosis not properly secured.	Tighten straps appropriately, ensuring a snug fit without restricting circulation.
Utensil not held securely	Pocket not rotated correctly, or utensil is too small/large for the pocket.	Adjust the rotation of the leather pocket. Ensure the utensil fits snugly within the pocket.

Specifications

- **Model:** Deluxe Wrist Orthosis with Universal Cuff
- **Part Number:** NC35326
- **Size:** Large Adult Right Hand
- **Material:** Kydex, Leather, Metal
- **Palmar Cuff Depth:** 2-5/8" (6.6 cm)
- **Item Weight:** Approximately 3 Pounds
- **Manufacturer:** North Coast Medical

Warnings and Precautions

- Do not overtighten straps, as this may impair circulation.

- Discontinue use if pain, swelling, skin irritation, or unusual reactions occur and consult a healthcare professional.
- This device is intended for external use only.
- Keep out of reach of children.
- Do not modify the device. Any modifications should only be performed by a qualified healthcare professional.
- Statements regarding dietary supplements have not been evaluated by the FDA and are not intended to diagnose, treat, cure, or prevent any disease or health condition.

Warranty and Support

For specific warranty information or product support, please contact North Coast Medical directly or refer to the documentation provided with your purchase. Keep your purchase receipt for warranty claims.
Manufacturer: North Coast Medical

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question