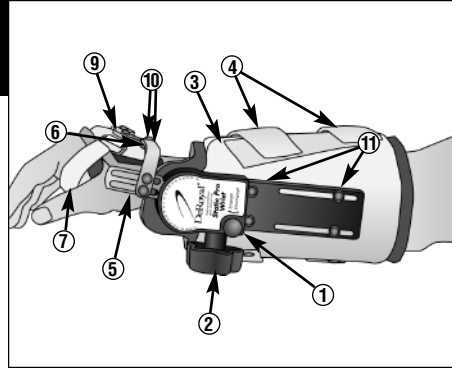




Static-Pro® Wrist Static Progressive Orthosis

Single Patient Use

Rx Only



IMPORTANT INFORMATION

Please read all instructions, warnings and precautions before use.

INTENDED USE

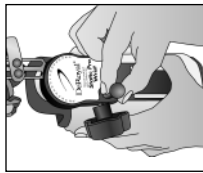
The DeRoyal *Static-Pro*® wrist orthosis is designed for the treatment of joint stiffness, and established soft tissue contractures, which may have resulted from trauma, immobilization, or neurological disorders. The orthosis should only be used under the supervision of a qualified health care professional. Protocols for use vary depending on the diagnosis and should be determined only after consulting with the patient's physician. The *Static-Pro*® is designed to assist in either flexion or extension in one unit.

CONTRAINDICATIONS

The *Static-Pro*® orthosis should not be used if any of the following conditions exist: Severe spasticity, severe osteoporosis, and/or thrombophlebitis. If pain, numbness, swelling, or skin irritation occurs while wearing the orthosis, the device should be removed. The patient should be re-evaluated and appropriate adjustments made.

INSTRUCTIONS FOR USE

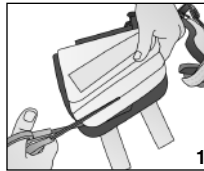
IMPORTANT: Before applying the orthosis, disengage the gearing mechanism by pulling the



engagement knob (1) outward and at the same time pivot the position adjustment knob (2) back toward the elbow. The handcuff should move freely. **Note:** The adjustment knob should be positioned below the wrist in order for the device to achieve full extension.

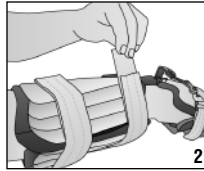
1. Sizing the forearm

cuff: The forearm cuff (3) is designed to fit each patient. Unfasten forearm straps (4), and using scissors, trim enough panels from both sides of the cuff so that the ends of the cuff do not overlap when on the forearm. The foam liner should extend 1/2" beyond the white Wire-Foam™ cuff.



2. Donning the unit:

Slide the hand and forearm into the orthosis, with the mechanism on the medial (inside) of the forearm. Position the axis of the hinge centered at the wrist joint.



Mold the forearm cuff (3) around the forearm, and fasten the two straps with the hook and loop closure for a snug, comfortable fit. **Note:** Pulling the welded end of each strap will tighten the strap.

3. Adjust the handcuff: Use the Allen wrench to adjust the handcuff to accommodate for the length (5) and width (6) of the hand. **Note:** The handcuff should be positioned behind the MP joints (knuckles), and flat on the back of the hand.

4. Adjust palmar support: Remove palmar support (7) from the palm strap under the handcuff, and mold to the contours of the patient's palm. Re-attach palmar strap, and thread through D-ring.

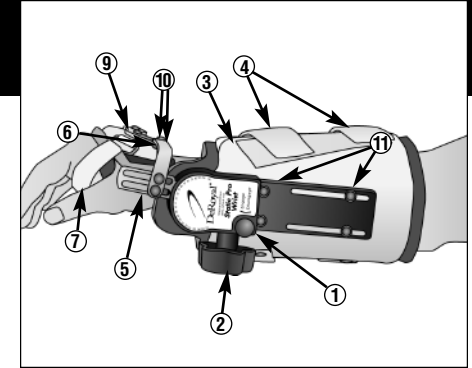
5. Position hand: Position the wrist at its active



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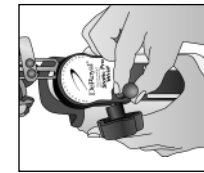
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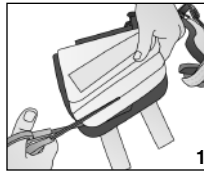
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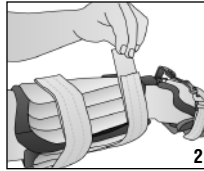
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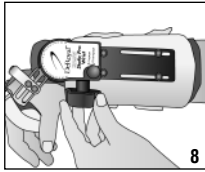
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5. Position hand: Position the wrist at its active



end range, in either flexion or extension. The active end range is the extent to which the wrist can be flexed or extended without help.

6. **Engage gearing mechanism:** Pull the black engagement knob (1) outward and pivot the position adjustment knob (2) forward towards the hand. The black engagement knob will click into place. **Note:** To fully engage the gearing mechanism, the position adjustment knob (2) may need to be rotated slightly.
7. **Ulnar/Radial Deviation:** Adjust for Ulnar/Radial Deviation by using the Allen wrench, and loosening the two screws (10) on the Ulnar-Radial plate (9). Adjust to desired position, and re-tighten the screws.
8. **Adjusting the orthosis position:** Rotate the position adjustment knob (2) until the joint's soft tissues are stretched to patient tolerance. **Note:** See Patient Protocol Card to determine the appropriate amount of stress, and wearing time.
9. **Removing orthosis:** Disengage the gearing mechanism by pulling out the engagement knob (1), and at the same time pivot the position adjustment knob (2) toward the back of the unit. The handcuff should move freely. Unfasten the forearm straps.
10. **Changing softgoods:** Remove the four screws from the forearm plate (11) to remove the forearm cuff. Attach new forearm cuff. Remove the two plate screws (10) from the Ulnar-Radial plate to remove the handcuff. Attach new handcuff.



CARE INSTRUCTIONS

Clean Wire-Foam™ pads and exterior of hinge with non-abrasive cleaner. Straps and blue liner may be machine-washed. Air-dry liner and straps prior to wearing.

PRECAUTION

Caution should be used if any of these conditions exist: peripheral vascular disease, healing skin wounds, severe spasticity, heterotrophic ossification, and mild osteoporoses.



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Part #1-4415
Revision 03 Revised 2/05
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