

SoftPro® Dorsal Wrist/Hand/Finger Orthosis (WHFO)

The SoftPro® Dorsal Wrist/Hand/Finger Orthosis (WHFO) is clinically indicated for providing the necessary support and protection of a weak or injured wrist and or hand and or fingers, including the thumb. The SoftPro Dorsal WHFO endoskeleton “bend to fit” frame can be hand shaped to accommodate the desired angle of support for the wrist, hand, fingers, and thumb. The endoskeleton frame can be modified in the sagittal plane as well as medially, laterally, and rotationally to accommodate most angles of the wrist/hand/and fingers without the use of tools. Each endoskeleton frame is closed cell foam. The endoskeleton frame is covered by a laminated foam/cloth cover that can be laundered as necessary.

When used properly, the SoftPro Dorsal WHFO can provide excellent positional support and protection for the joints of the wrist/hand/and fingers.

Therapeutic Actions

The SoftPro Dorsal WHFO is a static “bend to fit” orthosis that is hand formed to provide correct positional alignment of the wrist/hand/ and fingers while the device is worn by the patient. The SoftPro Dorsal WHFO can successfully be used during occupational therapy to provide progressive extension therapy by being frequently modified to capture range of motion gains made during therapy interventions.

Contraindications

The SoftPro Dorsal WHFO should not be applied if any part of the device comes in contact with an open wound. The SoftPro Dorsal WHFO should not be used if the wrist/hand/fingers have grade three plus edema. Caution should be exhibited for a patient with moderate to severe spasticity as immobilizing the joint(s) in the brace can cause further discomfort or pain during involuntary spastic episodes.

Warnings

The SoftPro Dorsal WHFO should be fit by trained personnel to ensure that the device is correctly applied and does not apply unwanted pressure to any part of the wrist/hand/fingers, including the thumb.

All orthotic braces require a break in period. It is recommended that the device be initially worn for 1 hour. Up to one half an hour of wear a day can be added daily until the desired wearing schedule has been achieved. Wearing time should be determined by trained personnel.

The SoftPro Dorsal WHFO should be removed for a minimum of two hours after six hours of wear.

After the SoftPro Dorsal WHFO is removed, the skin should be inspected for redness or signs of unwanted pressure. All redness or skin indentations should be absent within an hour after device removal.

Never apply a SoftPro Dorsal WHFO if there are red areas on the wrist/hand/fingers that may indicate unwanted pressure has been applied by the device. Resume wear after the redness had disappeared. If redness persists, the device should be inspected by the clinician and modified to eliminate any potential pressure points.

The SoftPro® Dorsal WHFO is intended to be for Single Patient Use Only