

AirPro® Air Grip Wrist/Hand/Finger Orthotics (WHFO)

The AirPro® Grip Wrist/Hand/Finger Orthotics (WHFO) is a pneumatic device clinically indicated for providing gentle Low Load Prolonged Stretch to the wrist/hand/fingers. The AirPro Grip WHFO “gives” with an involuntary muscle contraction, which is ideal for patients with abnormal tone and spasticity. The AirPro Grip WHFO has the palmar air bladder permanently attached the wrist/forearm support. The device is applied by slipping the palmar bar under the fingers into the crease of the PIP/MCP joints. The AirPro Grip WHFO is ideal for treating moderate to severe (>90°) PIP/MCP contractures.

When used properly, AirPro Grip WHFO can provide excellent rehabilitative therapy for reversing contractures and providing abnormal reflex arc therapy to reduce spasticity over time.

Therapeutic Actions

The AirPro Grip WHFO is a gentle pneumatic stretching orthosis that is ideal for treating moderate to severe contractures of the wrist/hand/fingers. The AirPro Grip is also excellent for patients with spasticity. The AirPro Grip WHFO has a permanently attached pneumatic air bladder on the palmar bar of the device. With air inflation, the AirPro Grip provides excellent gentle low load prolonged stretch to the MCP/PIP joints of the fingers. Ideal for moderate to severe contractures (>90°) of the MCP/PIP joints of the fingers.

Contraindications

AirPro Grip WHFO should not be applied if any part of the device comes in contact with an open wound. AirPro Grip WHFO should not be used if the wrist/hand/fingers have grade three plus edema.

Warnings

The AirPro Grip 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 a physician or treating therapist.

The AirPro Grip WHFO should be removed for a minimum of two hours after six hours of wear.

After the AirPro Grip 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 the AirPro Grip 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 a licensed clinician and modified to eliminate any potential pressure points.

The AirPro® Air Grip is intended to be for Single Patient Use Only