

AirLift™ PTTD Brace

AIRCAST®
LLC

for posterior tibial tendon dysfunction (02PS, 02PM, 02PL)

The Aircast AirLift PTTD Brace is designed to provide arch support for posterior tibial tendon dysfunction (PTTD), or for early signs and symptoms of the adult acquired flat foot. The AirLift can be prescribed as part of a conservative treatment to stabilize PTTD and prevent or delay its degeneration (Stage I and early Stage II PTTD). It may also be prescribed post-surgically and to provide support during rehabilitation.

Available in small, medium, and large.

The AirLift PTTD Brace features and benefits:

- Adjustable arch aircell for individualized support and comfort
- Anatomically designed shells for secure ankle stability
- Rear entry design and simple two strap application promote ease of use and compliance



OPERATION

The AirLift PTTD Brace is an off-the-shelf brace designed for the treatment of posterior tibial tendon dysfunction (PTTD) or for early signs and symptoms of the adult acquired flat foot. Depending on the severity of the condition, it can be used in place of custom designed braces for immediate needed support.

Foot support and ankle stabilization are provided by the AirLift integrated aircell and semi-rigid shells. The aircell, located under the foot arch, is adjustable using the Hand Bulb (included with the brace). When inflated, the aircell can accommodate variances in arch shapes and heights and comfortably lifts the foot arch to achieve a more natural foot position. For ease-of-use, aircell inflation can be adjusted while wearing foot wear. The semi-rigid shells are anatomically designed to the shape of the ankle for secure support and stabilization. These shells help realign the ankle and support the patient.

The AirLift is designed for easy application and adjustment. The brace uses an innovative rear entry design which allows the patient to slip their foot into the back of the brace. Two straps secure the brace and can be used to adjust fit. These patient-friendly design elements make the AirLift easier to apply than custom braces, eliminate time consuming lacing, and help improve patient compliance.

INDICATION

The AirLift PTTD Brace is designed to provide support for posterior tibialis tendon dysfunction (PTTD) in Stage I and early Stage II, or for early signs and symptoms of the adult acquired flat foot. The brace can also be used post-surgically and during rehabilitation.

CONTRAINDICATION

The AirLift PTTD Brace should not be used on patients with inversion sprains or fractures.

WARRANTY POLICY

Aircast will provide a replacement to the original purchaser should the AirLift PTTD Brace become unserviceable for any reason for a period of 90 days from date of sale, provided the defective part is returned to Aircast for analysis.

LATEX

This product is latex-free.

AirLift™ PTTD Brace (02PS, 02PM, 02PL)

Instructions:

1 Prepare brace

Unfasten straps and open brace.

2 Apply brace

Put on sock. Slide foot, toe first, into back of brace. Pull brace shells upward and align shells with sides of ankle (Fig. 1). Wrap lower strap around back of ankle and secure snugly (Fig. 2). Pull arch support strap until it is snug under the arch. Wrap arch support strap around back of ankle then front of ankle and secure snugly (Fig. 3). Put on lace shoe or sneaker. To adjust fit, tighten or loosen arch support strap.

3 Adjust aircell compression

The AirLift aircell is initially deflated. To inflate the aircell, firmly insert the hand bulb tip with white "↑" into valve on side of brace (Fig. 4). Squeeze hand bulb until the brace is snug but comfortable.

In the case of over-inflation, deflate the aircell. To deflate, insert the opposite tip of hand bulb into valve and squeeze bulb.

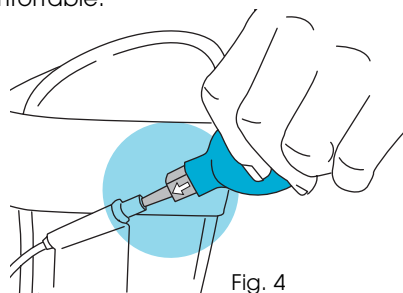


Fig. 4
Inflate aircell using hand bulb tip with white "↑".

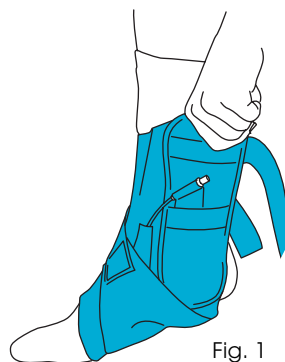


Fig. 1
Insert foot in back of brace. Pull brace shells upward and align with sides of ankle.

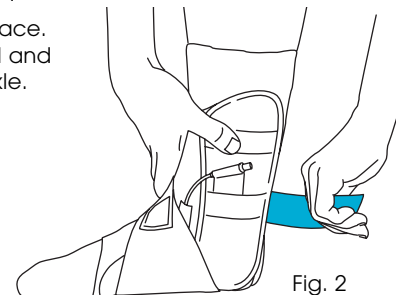


Fig. 2
Wrap lower strap around back of ankle and secure.

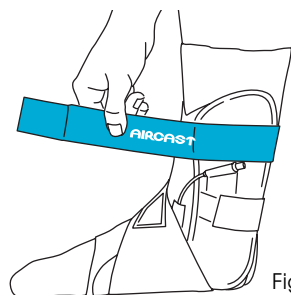


Fig. 3
Pull arch support strap until it is snug under the arch. Wrap arch support strap around back then front of ankle and secure.

CAUTION

Like all lower extremity immobilizers, such as casts or braces, patients without sensation (i.e. post-op anesthesia, neuropathies, etc.) should be monitored by a healthcare professional frequently for "hot spots", skin irritation, wound management, or skin discoloration.

Patients with infections or ulcers should seek advice from their healthcare professional before using brace.

Federal law restricts this device to sale by or on the order of a licensed healthcare professional.

WARNING

Do not overinflate aircell. Improper aircell inflation may cause significant skin irritation in patients with diabetic neuropathy. Reduce aircell compression with any visual skin changes or reported discomfort. Do not use this device on patients incapable of communicating physical discomfort.

Altitude changes may effect aircell pressure. Adjust straps or aircell compression (*see instruction "Adjust aircell compression"*) to a comfortable fit.

CARE

The AirLift PTTD Brace can be hand washed in cold water with mild soap and air dried. **Do not allow liquid to enter valve on brace side.**

*AirLift™ is a trademark of Aircast LLC, Summit, New Jersey, USA.

PATENT PENDING

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