Smart Healing
with Every Step
Smart Healing with Every Step

The clinically-proven Aircast Walking Braces have continuously advanced the science of pneumatic healing for over 30 years. The uniquely layered aircells can be individually custom-inflated, while the multi-radius rocker sole and anatomical design promotes superior off-loading for a more normal gait, allowing smart healing with every step.

Aircast Walking Braces reduce edema with pulsating graduated compression. The design ensures protection with a trimmable semi-rigid shell, promotes stability with custom-inflated aircells and reduces plantar pressure with a rocker sole.

A More Natural Gait

Aircast Walking Braces optimize a more natural gait and less hip differential. Composed of four sections: the heel-strike section, mid-stance section, rock through section, and the toe-off section, the low-profile rocker sole forms a proper curvature that permits normal walking.

XP Walker™ | Extra Pneumatic

- Lightweight, double semi-rigid shell provides a “total contact” fit.
- Overlapping Duplex aircells provide incremental pneumatic compression for edema reduction and callus formation.
- High Level of Support
  - For the ultimate in protection, adjustability, edema control, and durability.
  - Indicated for stable fractures of the lower leg and ankle, severe ankle sprains, post-op pinning & plating procedures, and high level of swelling/edema.

FP Walker™ | Foam Pneumatic

- Moderate Level of Support
  - Aircast’s quality, effectiveness and comfort in an economical model.
  - Indicated for stable foot and/or ankle fracture, severe ankle sprains, post-operative use, and post cast removal.

SP Walker™ | Short Pneumatic

- Lightweight, semi-rigid shell has core-inflated anterior aircell for a “total contact” fit.
- Shorter height makes it ideal when limb length or calf circumference prohibits use of a standard height walking brace.
- Moderate Level of Support
  - Specifically designed for foot and ankle injuries.
  - Indicated for metatarsal fracture, forefoot and mid-foot injury, acute or post-operative use, bunionectomy, and soft tissue injury.

XP Diabetic Walker™ System

High Level of Support
- Specifically designed to meet the needs of the higher risk diabetic patient.
- Indicated for stable foot and/or ankle fracture, post-operative use, hindfoot and heel foot protection, neuropathic ulcers, and soft tissue injury.
- Regulated aircell inflation with huma/tip pressure gauge.
- Optimal rocker sole for maximum off-loading of the diabetic foot.

DJO Global Walking Brace Quality Warranty

Confidence that you will be satisfied with patient outcomes

- 6-Month Warranty
  - Free from defects in materials and workmanship
  - Repair or replace a defective product at no charge to customer

Confidence with Every Step

Optimized rocker sole for maximum off-loading of the diabetic foot.

The competitor’s brace shows the center of pressure being considerably more medial compared to the Aircast. The Aircast Walking Brace functional force pattern mimics that of a normal gait.

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Improved Healing Time

The exclusive Aircast Duplex™ Aircell Technology combines the semi-rigid shell support with the pulsating action of the aircells promoting faster edema reduction, pain relief, patient compliance and improved healing time.\textsuperscript{3}

![Typical Compression Profile](image)

Demystifies pulsating compression during ambulation from heel strike through toe off.

Trimmable semi-rigid shell is a key component of functional management associated with Aircast aircell technology.

Overlapping customized dual aircells (Posterior and Distal) provide pulsating, graduated compression specifically designed to “milk” edema away from the injured area.
## XP Walking Braces (extra pneumatic)

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## XP Diabetic Walking Braces (extra pneumatic)

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## Accessories

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</table>

## Clinical References

1. **A New Concept in Fracture Immobilization**

2. **Comparison of the Kinematics, Moments and Pressure when using two designs of Walker**
   Richards, Jim - The Movement Analysis Laboratory School of Public Health and Clinical Sciences, 2011

3. **A Comparison Study of Plantar Foot Pressure in a Standardized Shoe, Total Contact Cast and Prefabricated Pneumatic Walking Brace**

4. **The Aircast Walking Brace versus Conventional Casting Methods**

5. **Pneumatic Bracing and Total Contact Casting Have Equivocal Effects on Plantar Pressure Relief**

6. **The Efficacy of Two Methods of Ankle Immobilization in Reducing Gastrocnemius Soleus and Peroneal Muscle Activity During Stance Phase of Gait**
   Kadel, Segal, Crensurff, Shofer, Sangeorzan - Foot & Ankle International, 2004

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To Give Your Patients Smart Healing with Every Step, Call 800.526.8785

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