

ADM[®] Abduction Dorsiflexion Mechanism Overview

c-prodirect

The ADM[®] is available as a night brace to provide an alternative to traditional Boots and Bar clubfoot braces and as a day (ambulatory) brace for the management of dynamic supination in certain clubfoot patients and patients with other related conditions



Unilateral
ADM[®] Night

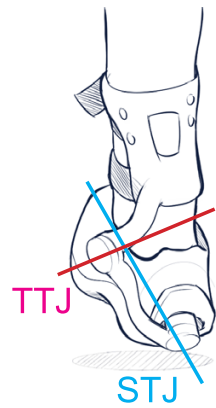


Ambulatory
ADM[®] Day

The ADM® Abduction Dorsiflexion Mechanism (ADM)

When used with an ADM® Ankle Foot Orthosis the Abduction Dorsiflexion Mechanism (ADM®) is a night brace for the maintenance of clubfoot correction that can be used unilaterally. When used with adapted day use footwear the ADM® is an ambulatory brace for the management of dynamic supination.

The ADM® comprises two anatomically aligned spring powered joints that together naturally abduct and dorsiflex the foot about the sub-talar (STJ) and tibio-talar (TTJ) joints.



Indications:

- Maintenance of clubfoot correction (night brace).
- Management of dynamic supination (ambulatory brace).

Advantages and Benefits:

- Can be used unilaterally.
- Less risk of skin breakdown than with External Rotation Bar bracing.
- Suitable for hyper-mobile patients when External Rotation Bar bracing results in complications.
- Suitable for older patients and following clubfoot relapse correction or surgery.
- Suitable for certain complex clubfoot cases, such as those with leg length differences, neurological conditions, arthrogryposis and spina-bifida.
- An alternative option when patient compliance with External Rotation Bars is at risk.
- Can help establish improved gait habits and prevent damage to the lateral border and ankle joints (ambulatory ADM indication).

ADM® Night Brace Configuration



Ambulatory ADM® Day Brace Configuration



Over 60,000 ADM® devices have been provided to patients aged 0 to 18 years, both as a first choice of clubfoot brace and by those with more complex presentations requiring an alternative to External Rotation Bar clubfoot bracing.