

PRODUCT OVERVIEW

Dobbs™ ADM™ External Rotation Bars



“Dobbs™ ADM™ Fixed and Spring Assisted Clubfoot External Rotation Bars are ultra-low in weight to maximise patient comfort and tolerance. The innovative designs combine ease of use with a sleek appearance”

Dr Matthew Dobbs, MD, FACS, FAAOS, FAOA
Director, Dobbs Clubfoot Center,

Inventor of the Spring Assisted Articulating Clubfoot Brace.

Dobbs™ Fixed External Rotation Bar



Dobbs™ Spring Assisted External Rotation Bar



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Proud to support the Ponseti method

Introducing Dobbs™ ADM™ Clubfoot Bracing

The Dobbs™ ADM™ Modular System of Fixed and Spring Assisted External Rotation Bars marks a significant advancement in clubfoot brace design delivering Dr Dobbs' proven clinical leadership in the treatment of clubfoot with the very latest advancements in engineering technology and award winning product design.



The bracing system delivers new levels in Clubfoot patient care and clinical efficiency.

Clubfoot patients benefit from a bracing system that is around half the weight of alternative leading products and from an intuitive pre-configured easy to use brace.

Clinicians and care providers benefit by accessing the broadest range of Clubfoot options that can be time and cost efficiently deployed in a clinical environment.

The Dobbs™ ADM™ brand represents the fusion of Dr Dobbs' clinical leadership in clubfoot treatment with C-Pro Direct Ltd's experience in Clubfoot brace design and innovation. All products are available for purchase from KiddFoot LLC in the USA and for other territories from C-Pro Direct Ltd or its network of international distributors.



USA: www.kiddfoot.com

RoW: www.c-prodirect.com



Dobbs™ ADM™ Clubfoot braces are for use with the ADM™ Clubfoot Ankle Foot Orthosis (ADM AFO™). These night sandals are the lightest, softest and most comfortable clubfoot sandals available. Every detail has been designed to promote correct foot development and to maximise brace tolerance.

The Dobbs™ ADM™ Clubfoot brace system represents a fusion of Dr Dobbs' clinical leadership and C-Pro Direct's expertise in brace design. The system won a prestigious Red Dot design award in 2022.



reddot design award



"I treat a diverse range of Clubfoot patients and it is important to have access to braces for all patient needs. The Dobbs™ ADM™ Modular System of braces provides the broadest range of brace types in a single integrated system"

Dr Matthew Dobbs, MD, FACS, FAAOS, FAOA

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A Typical Bracing Journey

Very young patients often start Clubfoot bracing following correction by the Ponseti Method as babies in fixed External Rotation Bars.

The bars are configured with 60 to 70 degrees of external rotation on the Clubfeet and around 30 degrees on a non-affected foot.

Changing the Brace Type

As Clubfoot babies develop and become more active, brace tolerance can become an issue. Spring Assisted Articulated braces are a very effective way to combat this problem and maintain compliance.

The Dobbs™ ADM™ modular design eases the transition to Spring Assisted bracing for both patient and clinician. All that is required is to switch to new Bar End Clips.



To change to a Spring Assisted Dobbs™ brace simply replace the Bar Clips. All other components remain unchanged.

The modular design means that switching from fixed to spring assisted clubfoot bracing is simple. Simply replace the Bar End Clips. All other parts of the brace are unchanged



Dobbs™ ADM™ Fixed Brace Components

Braces are configured to specific patient requirements by selecting the requisite Bar and Clip components. Brace assembly takes just a few seconds and requires no tools.



70 deg left

These images show the range of Fixed Bar Clips. There is also an equivalent range of Spring Assisted Articulating Bar Clips



70 deg right



60 deg left



60 deg right



45 deg left



Bars come in a range of lengths in 20mm increments, so there is a suitable bar for every patient. Bars are supplied free of charge



45 deg right



30 deg left



30 deg right



1



2



3

"twist"
"click"



4



60 deg right

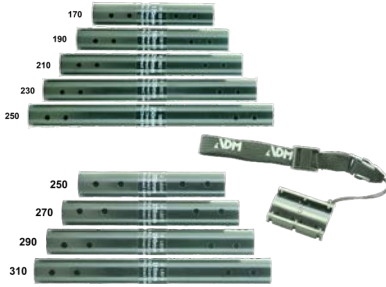
170mm bar

60 deg left

Underside view

Dobbs™ ADM™ brace configuration takes just a few seconds. Parents and carers need not be concerned about how to adjust the brace and clinicians can be confident the patient's brace is set as required

Using Dobbs™ ADM™ Modular Braces



Bars are provided free of charge either in sets known as “Bar Kits” or individually.

Bars and Clips are provided in two size ranges. The Small range fits AFO sizes 0000 to 5 and the Large range fits AFO sizes 6 to 12.

As a patient grows and requires a longer Bar the Clips are removed using the special Clip Removal Tool and reattached to the next size up of Bar.

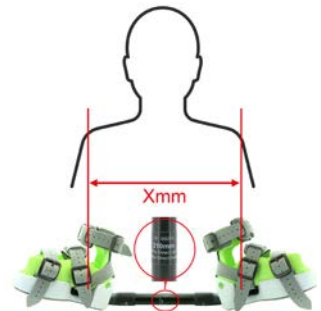
Clinicians may choose to provide the complete set of Bars to the patient’s parents or change the Bar when they are reviewed in clinic.



Sizing Liner Sets are the fastest and best way to determine the most suitable size AFO for a patient

Busy clinics seeing many clubfoot patients are advised to keep a stock of Bars and Clips in our Organiser Boxes and place Bar and Clip “top up orders” periodically as required. Brace deployment is very simple and quick:

- Select required AFO size using the Sizing Liner Sets
- Measure the patient’s shoulder width and select the required length Bar
- Select the required Bar Clips and assemble the brace

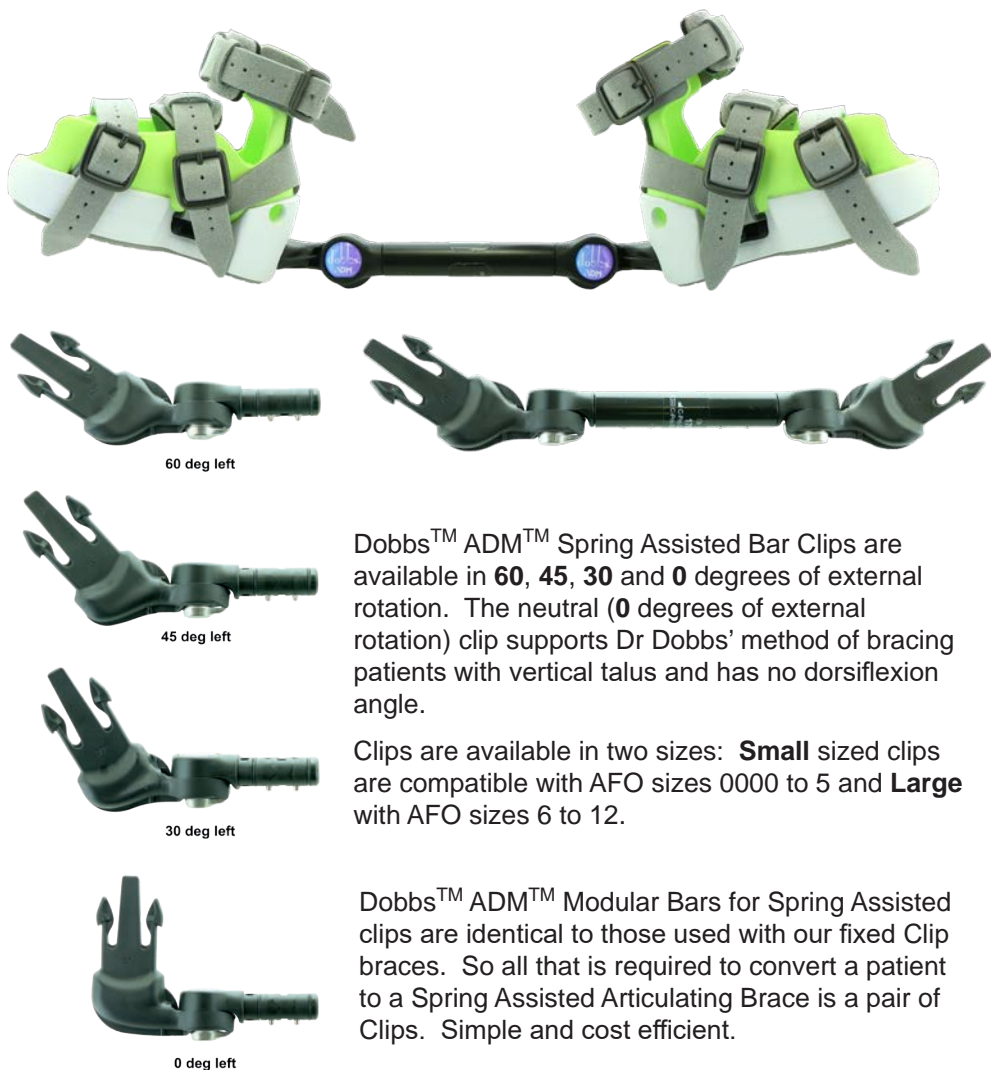


Brace deployment is fast and easy using the Bar Clip Organiser Boxes and AFO Sizing Liners



Dobbs ADM™ Spring Assisted External Rotation Bar (ERB)

Dobbs™ ADM™ Spring Assisted Articulating bars have a sleek, efficient and ultra lightweight design. At around half the weight of alternative products, and used with the soft and lightweight EVA foam ADM AFO sandal, we have created the world's most patient friendly Clubfoot boots and bar brace system.



60 deg left

45 deg left

30 deg left

0 deg left

Dobbs™ ADM™ Spring Assisted Bar Clips are available in **60, 45, 30** and **0** degrees of external rotation. The neutral (**0** degrees of external rotation) clip supports Dr Dobbs' method of bracing patients with vertical talus and has no dorsiflexion angle.

Clips are available in two sizes: **Small** sized clips are compatible with AFO sizes 0000 to 5 and **Large** with AFO sizes 6 to 12.

Dobbs™ ADM™ Modular Bars for Spring Assisted clips are identical to those used with our fixed Clip braces. So all that is required to convert a patient to a Spring Assisted Articulating Brace is a pair of Clips. Simple and cost efficient.

Dobbs™ ADM™ Fixed and Spring Assisted External Rotation Bars provide sleek, low weight products that are simple to deploy and intuitive to use.

Dr Dobbs invented the Spring Assisted Articulating Bar system for Clubfoot patients to address a need to provide patients with additional freedom compared with the fixed Clubfoot braces. Clinical research has demonstrated that non-compliance with the challenging nighttime Clubfoot bracing protocol required by the Ponseti Method is by far the most common reason for relapse of treated Clubfeet.

Unfortunately many patients using fixed Clubfoot braces are unable to maintain brace compliance, especially as they become older and more active. Clinical Studies have shown that Dr Dobbs' Spring Assisted Articulating braces are better tolerated by clubfoot patients than the traditional fixed brace system.

To change to a Spring Assisted Dobbs™ brace simply replace the Bar clips. All other components remain unchanged.



How does it work

At rest the powerful springs dorsiflex the feet like a fixed brace.

An active patient has the freedom to press downwards against the pressure of the springs.

This is particularly important for patients prone to skin breakdown or brace intolerance as it reduces friction between the feet and the AFOs.

When the patient relaxes the powerful spring mechanisms subject the feet to continuous dorsiflexion force. The mechanism returns to the fixed brace position.

Studies have demonstrated Clubfoot patients achieve significantly increased brace tolerance when using Dobbs™ Spring Assisted articulating bars





Dr Matthew Dobbs, MD,
FACS, FAAOS, FAOA

Dr. Matthew Dobbs is a renowned orthopedic surgeon and Director of the Dobbs Clubfoot Center at the Paley Orthopedic & Spine Institute and the Palm Beach International Surgery Center. Formerly, he was an endowed professor at Washington University School of Medicine, where he practiced for 20 years.

Patients travel from 50 states and more than 115 countries for Dr. Dobbs' expertise in pediatric foot and ankle surgery and cerebral palsy. He pioneered novel bracing options for children born with clubfoot and a minimally invasive treatment for congenital vertical talus, which is now the gold standard.

Dr. Dobbs has held leadership positions with the United States Bone and Joint Initiative as well as the Association of Bone and Joint Surgeons and is the recipient of multiple NIH-funded research grants. He directed several multicentered clinical trials and co-directs a musculoskeletal genetics research laboratory. He was awarded prestigious research honors: Hunterian Gold Medal (2002), Nicolas Andry Award (2017), and the Kappa Delta Award (2017). Dr. Dobbs also sees patients at Paley Europe in Poland and Paley Middle East Clinic in Abu Dhabi.

Dobbs™ ADM™ Modular Clubfoot Brace products are manufactured by C-Pro Direct Ltd, an ISO 13485 certified company, and comply with US, European (MDR) and UK regulations for Class 1 Medical Devices. All products are protected by a range of international patents and patent applications and all rights are reserved. ADM™ and C-Pro Direct are trademarks of C-Pro Direct Ltd. Dobbs™ is a trademark of Dr Matthew Dobbs MD, FACS, FAAOS, FAOA.

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