

Manage Childhood Crouch with Unprecedented Stability and Motion

Ultraflex's Adjustable Dynamic Response™ (ADR™) is the only functional bracing solution with resistance or dampening effects that are adjustable while being worn.

Common clinical goals

Augment weak hip extensors, quadriceps, and gastroc-soleus
Improve first, second, and third rocker throughout stance
Create knee extension moment in mid to late stance

ADR™ component channel adjustment

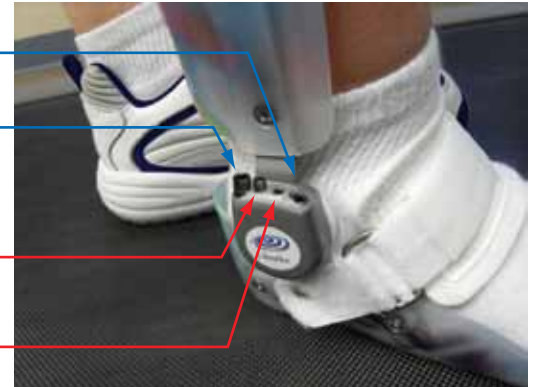
Control dorsiflexion by compressing the anterior elastomer - providing normal range while augmenting instability

Create a rigid dorsiflexion stop by compressing anterior stop channel – only needed if anterior elastomer compression alone does not create sufficient knee extension moment in mid to late stance

Anterior Elastomer Channel
Posterior Elastomer Channel

Posterior Stop Channel

Anterior Stop Channel



Ultraflex UltraSafeGait™ Component

Natural range of motion that is stabilized

0-140 in/lb of torque restraint for plantarflexion and for dorsiflexion
40 degrees of dorsiflexion and plantarflexion allowing for smoother weight acceptance and roll-over

Comprehensive Orthotic Management for the Growing Child with Spasticity and/or LOM

To address range and lengthen hamstring and gastroc-soleus – consider the Ultraflex therapeutic/stretching KO worn at night or during rest as part of the total bracing solution, to be connected/disconnected from the ADR™ AFO with the UltraQuick Release™

ADR™ and Ultraflex stretching braces work together to promote the movement patterns required for functional gait.

Online Education

WebEx – www.ultraflexsystems.com

800-220-6670 – to schedule a private WebEx


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Patient Inspired Solutions

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