

Importance of Orthotics

Parent JOIN THE FIGHT.
Project END DUCHENNE.
Muscular
Dystrophy



Pediatric Orthotic
SPECIALISTS
UNIQUE SOLUTIONS FOR UNIQUE CHILDREN



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What is the role of the Orthotist?

- *Provide Orthotic assessment and recommendation for the ambulatory and non-ambulatory needs of our DMD patients*



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What is the goal of the Orthotist?

- Provide Orthotic assessment and recommendation for the ambulatory and non-ambulatory needs of our DMD patients
- *Encourage safe and efficient independent ambulation, provide a stable base of support for WTB activities, and/or maintain alignment*



What is the role of the Orthotist?

- Provide Orthotic assessment and recommendation for the ambulatory and non-ambulatory needs of our DMD patients
- Encourage safe and efficient independent ambulation or a stable base of support for WTB activities
- *Prevent contractures*



What is the role of the Orthotist?

- Provide Orthotic assessment and recommendation for the ambulatory and non-ambulatory needs of our DMD patients
- Encourage safe and efficient independent ambulation
- Prevent contractures
- *Educate Family, Patient, and Team Members*



Encourage safe and efficient independent ambulation



Full Length DDAFO



Mid Height DDAFO



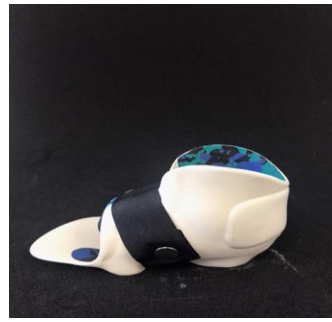
Leaf Spring AFO



Dorsiflexion Assist AFO



UCBL



SMO



Cascade Chipmunk



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Provide a stable base of support for WTB activities and/or maintain alignment



Positioning AFO



Weight Bearing AFO



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Prevent contractures with low load progressive stretch



Rooster Boot 2
Nighttime Stretching Orthosis



Molded Inner Boot



Tension Adjuster and Lock



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Educate Family, Patient, and Team Members

- *Discuss goals, design, outcomes, care, use, and follow up care with family and patient*



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Educate Family, Patient, communicate with Clinical Team and our Staff

- Discuss goals, design, outcomes, care, use, and follow up care with family and patient
- *Discuss findings and design considerations with Clinical Team*



Educate Family, Patient, communicate with Clinical Team and our Staff

- Discuss goals, design, outcomes, care, use, and follow up care with family and patient
- Discuss findings and design considerations with Clinical Team
- *Establish fabrication specifications with in-house Technicians*



Educate Family, Patient, communicate with Clinical Team and our Staff

- Discuss goals, design, outcomes, care, use, and follow up care with family and patient
- Discuss findings and design considerations with Clinical Team Establish fabrication specifications with in-house Technicians
- Establish fabrication specifications with in-house Technicians
- *Office staff proceeds with Insurance Verification and communicates directly with family regarding funding status and scheduling of delivery appointments and follow up visits*



Takeaways and References

Sarah Blanton, Samuel P Grissom, Lisa Riolo. Use of a Static Adjustable Ankle-Foot Orthosis Following Tibial Nerve Block to Reduce Plantar-Flexion Contracture in an Individual with Brain Injury

S.E. Farmer, P.J. Woolam, J.H. Patrick, A.P. Roberts, W. Bromwich. Dynamic orthoses in the management of joint contractures. Journal of Bone and Joint Surgery Vol 87-B, No. 3, March 2005

A large, dark red speech bubble graphic is centered on a solid red background. The speech bubble has a rounded, irregular shape with a tail pointing towards the bottom right. Inside the bubble, the word "Questions?" is written in a bold, white, sans-serif font.

Questions?

Thank you!