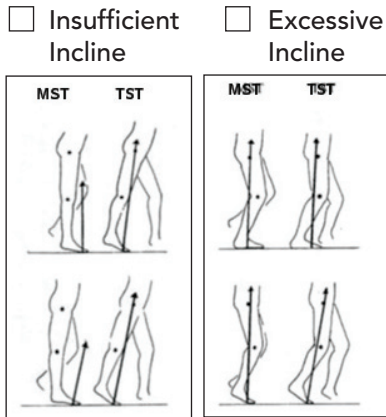




The Dynamic Response Ankle Foot Orthosis (DRAFO) is a completely new approach to orthotic intervention in treating children and adults with varying neuromuscular and orthopedic pathologies.

Teamed with new assessment and alignment techniques, this new design changes how gait has been traditionally assessed.

The DRAFO design was conceptualized as a total contact/total control orthosis that provides relief and flexibility over bony prominences while delivering rigid control.



## WEAR and CARE INSTRUCTIONS

The success of Orthotic care is dependent not only upon the competency of the practitioner and appropriateness of the device, but also upon its effective use by the patient. We strive to provide proper instruction to the patient or caregiver as to the purpose, function, care and use of the prescribed Orthosis

### STOCKINGS:

Wear clean cotton stockings, covering all the skin in contact with the device.

### CLEANING:

Wipe your device with a damp cloth / mild soap. Completely dry with a towel or allow to air dry at room temperature. DO NOT use washers, dryers or immerse completely in waer.

## INSUFFICIENT SHANK



### DRAFO HP

Provides maximum control for the leg and ankle foot structure. Soft heel facilitates proprioception (ability to feel foot) and replaces the function of ankle movement at the beginning of walking, slowing the leg down and allowing the body to keep up. The toe section is flexible and, based on the foot structure, can be trimmed to affect the reaction of how the foot interacts with the ground.



### DRAFO Lite

Idealistically designed to help when the hip is week which causes the knees to go backwards. Forceful forward motion of the leg is required. Toe section the same as the HP.



### DRAFO MP

Functions the same as the HP but does not influence the knee.

## EXCESSIVE SHANK INCLINE



### DRAFO Transformer

Provides maximum control for the leg and ankle foot structure. Soft heel facilitates proprioception (ability to feel foot) and replaces the function of ankle movement at the beginning of walking, slowing the leg down and allowing the body to keep up. The toe section is RIGID and, based on the foot structure, can be trimmed to affect the reaction of how the foot interacts with the ground. Designed to extend the knee.



### DRAFO Transformer Static Adjustable

Designed to function the same as the transformer but has the ability to change ankle alignment. Used when Range of motion at the ankle will change or it is variable and very difficult to assess true end range.

## PROPER FIT:

1. Similar to a new pair of shoes, a correctly fitted Orthosis may be slightly uncomfortable or "different" at first. This may also occur in other parts of the body (i.e. hip, back, neck) as normal reactions to the corrected alignment. Follow the wearing schedule as indicated by your practitioner, noting any red or sore areas lasting greater than 15 minutes. Increase wearing time as advised.
2. If you experience any sharp or jabbing pressure (especially along the edges or over bony areas), discontinue use and contact your practitioner immediately.
3. Change in bony structure and / or body size may cause your device to fit uncomfortably. Visit with your practitioner to see if any changes are necessary.

## WEARING SCHEDULE:

DAY 1	Begin non-weight-bearing use, 1 hour in AM and PM
DAY 2	Begin weight-bearing use, 1 hour in AM and PM.
DAYS 3-5	Increase time worn each day by 1 hour in both the AM and PM.
DAY 6	Start full day use if skin / patient doing well.

# THE DRAFO<sup>®</sup> difference



The DRAFO program began by serving the needs of cerebral palsy children with spastic tone or hyper mobility of the joints. One of the important DRAFO features is the ability to stabilize and hold the lower

extremity in an anatomically neutral alignment with little or no pressure problems. The key to the success of the DRAFO is the alignment process which is able to biomechanically align and stabilize the foot to facilitate the most normal gait possible.

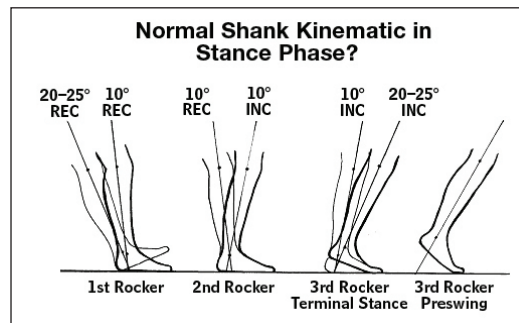


The casting process utilized in this design requires that the patient be fit with a position that is anatomically correct. not forced; if the alignment of the DRAFO is greater than their functional range, the orthotic device will not perform properly.

## DRAFO SYSTEM

The DRAFO System mimics gait biomechanics of normal human locomotion.

- The 3 foot rockers are incorporated into the orthosis
- 2nd rocker achieved by Tibial Alignment
- Stabilizes and maintains desired alignment without requiring excessive pressure
- Plantar aspect functions like a prosthetic foot



The DRAFO is the first lower extremity orthosis that was designed around a scientifically validated process for alignment and fine tuning. This process was brought to the field by Elaine Owen, a physical Therapist from Strathclyde University Scotland UK.

Your local DRAFO Specialist is:

## DRAFO<sup>®</sup> Caregiver Guide



### FUNCTION, CARE AND USE OF THE DRAFO



**bracemasters**  
INTERNATIONAL, LLC

888.790.6880

[www.bracemasters.com](http://www.bracemasters.com)

911 Empire Drive | Mukwonago, WI 53149



**bracemasters**  
INTERNATIONAL, LLC