

September 19, 2016

Chloe Barnes
DOB: 09/06/2006

To Whom It May Concern:

Chloe is a charming 11-year-old girl with a diagnosis of spastic diplegic cerebral palsy and a seizure disorder. Chloe began walking just before age four. She has always required an assistive device to stand or walk independently. Chloe loves her school and is in fifth grade with a supportive Individualized Educational Plan. Chloe's seizures have improved over the last three years; however, she continues to have break-through seizures a few times a year. Last spring Chloe underwent bilateral hamstring and heelcord lengthenings with botox injections. Chloe wears bilateral solid ankle AFOs throughout the day. Chloe participates in weekly physical therapy treatment with an emphasis on improving her endurance and maximizing her independence in environments by working on opening doors and navigating uneven terrain (grass, slopes, etc.) Chloe has fixed deformities of her feet and bilateral hip flexion and adductor contractures. Her scoliosis (about 35d left concave) is being closely monitored by her orthopedic team.

Chloe enjoys participating in her school and home environments. She is a member of the choir at school and loves cheering on her three siblings in their sporting endeavors. Chloe's family has decided to not use a wheelchair in the community at this point because their strong desire is that Chloe continue ambulating.

When Chloe trialed the **Kaye Gait Trainer** she was able to walk greater than 300' independently and consecutively within her school environment. Importantly, Chloe is able to stand within the gait trainer when she is doing more static activities like having a conversation. The Kaye Gait Trainer, with the following accessories, will improve Chloe's independence and support her participation.

- **Extensor Assist Pad:** The Extensor Assist Pad is needed to improve Chloe's alignment in the sagittal plane. Without the Extensor Assist Pad Chloe will demonstrate persistent excessive hip flexion while walking. This is inefficient and puts her at risk of increased shortening of the hip flexors, and, potentially, further disintegration of her walking ability.
- **Pelvic Stabilizer:** The Pelvic Stabilizer supports Chloe's alignment in the frontal plane. Chloe has a tendency to be asymmetric at her spine, pelvis and hip because of her scoliosis. The Pelvic Stabilizer provides boundaries that will improve Chloe's pelvic symmetry in the frontal plane.
- **Add-A-Seat:** Because Chloe has decreased endurance during standing and walking, having the option of sitting between bouts of walking is important. The Add-A-Seat folds up when using the gait trainer for walking but can be easily lowered when a rest-break is needed. Chloe's ability to ambulate within her desired environments, for example, to

get to the sporting events of her sibling or between her classroom and the bus lobby are limited by her poor endurance. Having the seat will maximize the function and participation of Chloe's walking.

- **Soft Sling Support:** Chloe is prone to discontinue or decrease weightbearing through the lower extremities when she has a seizure, essentially, collapsing. The Soft Sling Support will prevent Chloe from lowering all the way to the ground which will allow her to regain a standing position in the gait trainer with no assistance and more efficiently.
- **Leg Abductor:** Excessive hip adduction during gait is a problem because it decreases a walker's base of support and makes the lateral weightshift necessary to take a step challenging. The Leg Abductor sits just above Chloe's knees and prevents her from crossing her legs during walking. Without the Leg Abductor accessory Chloe's ability to walk in the gait trainer is decreased because she is unable to independently uncross her legs.

Wheel Accessories/Enhancements

- **All-Terrain Wheel Kit:** All-Terrain Wheels are necessary to allow Chloe to traverse the uneven ground that she encounters at her home and her siblings' sporting events. Without the All-Terrain Wheels Chloe will not be able to fully participate in the environments that she typically does.

In summary, Chloe is unable to safely and effectively ambulate in her home, school or community environments without a gait trainer. The **Kaye Gait Trainer** with the aforementioned accessories is the best choice for increasing Chloe's independence while maintaining her safety.

Your prompt attention to Chloe's needs is appreciated. Please feel free to contact me with any questions or for clarifications.

Professionally,

Lilly Spring
(123) 456-7890