



SAMPLE of LETTER of MEDICAL NECESSITY for HYPOXIC ISCHEMIC ENCEPHALOPATHY (GLOBAL DEVELOPMENTAL DELAYS)

The following equipment is being requested for the patient named above:

- ❖ SPIO (Stabilizing Pressure Input Orthosis) Vest and Pants

Diagnosis and Prognosis:

_____ is a 2 year-old boy/girl with a diagnosis of hypoxic ischemic encephalopathy with resulting global developmental delays. He/she presents with decreased proximal muscle tone and increased tone and spasticity in his/her upper and lower extremities. Spasticity is present to a greater degree on the left. _____ needs minimal to maximal assistance for transfers and to move into and out of positions. He/she is not yet able to sit independently with good balance. _____ can take weight and stand for long periods of time, with appropriate support. He/she is working on walking, needing minimal/moderate support at his/her trunk and/or hands. He/she has been practicing walking using a loaned walker and loves it! _____ requires contact-guard assistance or minimal assistance when using his/her current loaned walker. In static and dynamic stance, _____ demonstrates hip internal rotation, hip adduction, alternate knee hyperextension or flexion (crouched), pelvic rotation, and hindfoot and midfoot valgus. When _____ takes steps, he/she internally rotates and adducts i.e. scissors. He/she has just started wearing a flexible trunk compression orthosis (which he/she is borrowing). This proximal stability has increased his/her ability to control his/her hip position and also provides much needed trunk support. When used in conjunction with the SPIO pants, he/she is able to demonstrate a postural alignment of neutral hip alignment and slight abduction. This is crucial for proper development of the musculoskeletal components of his/her hip joints. In addition, _____ needs assistance to sit independently. He/she does not have sufficient trunk control. The SPIO trunk orthosis provides a valuable amount of trunk control, and makes sitting independently more achievable.

The daily use of this flexible trunk orthosis will greatly improve his/her alignment and postural control during both static and dynamic activities, in all positions e.g. lying, sitting, and standing. Indeed, he/she has been using a loaned orthosis and already has shown good improvements in these areas and has demonstrated increased control and function in his/her daily routines.

I certify that the above equipment is medically necessary for the treatment of the patient's diagnosis.

Clinician's Signature & Date:
