

Type of Service: Physical Therapy - adaptive stroller evaluation

Time of Service: 2:35 – 3:20

Diagnoses/Conditions: h/o removal of cerebellar astrocytoma; h/o VP shunt; epilepsy; hydrocephalus; developmental delay

Onset: 9/2005

Program: Outpatient

Present for Appointment: Haya; Mohammed Al Yasin (father); in-home caregiver; Chad Wanex (representative from Chesapeake Rehab Equipment); David Marriott (PT)

Referring/KKI Physicians: Michael Johnston, MD

BACKGROUND:

Skin Breakdown: [] Yes [X] No

Last episode:

Location:

Surgery/Orthopedic Interventions: [X] Yes [] No

Description: removal of cerebellar astrocytoma; placement of VP shunt

Adaptive Equipment Used: [X] Yes [] No

Description: commercial stroller that does not provide adequate postural support or pressure distribution

Behavioral Issues: [] Yes [X] No

Description:

Pain: no pain was observed or reported

Reason for Appointment/List of Issues:

- 1) Family is seeking a lightweight adaptive stroller that provides proper positioning and comfort, and can be folded for transport.

Current Equipment and Condition: “Quinny” commercial stroller that Haya has outgrown. In addition, it does not provide proper positioning or pressure distribution. Haya tends to slide forward on the seat cushion into a position of posterior pelvic tilt with excessive weightbearing on her sacrum and coccyx.

EVALUATION RESULTS:

Postural Assessment on Mat:

Pelvis: [] post. pelvic tilt - [] fixed [] partially flexible [] flexible
[X] ant. pelvic tilt - [] fixed [] partially flexible [X] flexible
[] pelvic obliquity – [] L [] R – [] fixed [] partially flexible [] flexible
[] pelvic rotation – [] L [] R – [] fixed [] partially flexible [] flexible
Trunk: [] scoliosis - [] fixed [] partially flexible [] flexible

kyphosis - fixed partially flexible flexible
 + lordosis - lordosis
Head: cervical hyperextension
 cervical flexion

cervical rotation = L R
 lateral flexion - L R

UEs: range of motion within functional limits for wheelchair seating and positioning
 contractures - description:

LEs: range of motion within functional limits for wheelchair seating and positioning
 contractures - description:

Sitting Balance: good fair dependent

Transfer Status: independent supervision min. assist mod. assist max. assist
 dependent mechanical lift

Ambulation Status: no assistive device assistive device required. non-ambulatory

Comments: walks with upper extremity support; some ataxia is observed and she requires supervision/assistance for safety.

Propulsion Status for Manual W/C: independent dependent not applicable

Comments:

Propulsion Status for Power W/C: independent dependent not applicable

Comments:

Motor/Postural Control and Muscle Tone: Haya exhibits generalized hypotonia and decreased strength throughout her trunk and extremities. Trunk strength is adequate for independent upright sitting with occasional upper extremity support. Haya walks for short distances with one hand held, but movements are somewhat unsteady and ataxic.

Conclusions/Interpretation: Based on Haya's recent growth and postural assessment, she is in need of a new adaptive stroller that provides proper fit, postural support, and comfort. Haya tried a Convaid EZ Rider stroller during today's appointment, but Mr. Al Yasin felt it was too heavy and would like to trial other options before making a final decision.

GOALS:

- 1) Provide adaptive stroller for durable dependent mobility in the home and other environments.
- 2) Supply seating components that will provide proper positioning and adequate pressure distribution and improve sitting tolerance while seated in the stroller.

EQUIPMENT RECOMMENDATIONS: No specific recommendations are provided at this time. Instead, Haya will return for a follow-up visit to trial the Otto Bock Lisa adaptive stroller.

PLAN: A follow-up visit will be scheduled when KKI has received the demo Otto Bock Lisa adaptive stroller.

It was a pleasure working with Haya and her father today. If there are any questions regarding this report, please contact the clinic coordinator at 443-923-9280 between 8:30 AM and 4:30 PM.

Signature: This visit note was electronically signed by David Marriott, P.T.
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KENNEDY KRIEGER INSTITUTE
SEATING CLINIC
PHYSICAL THERAPY
Initial Evaluation Note

KKI#: 12-19-03
Name: Al Yasin, Haya
DOB: 06/09/2003
Appt Date: 07/21/2008

Date: 07/21/2008 at 3:57 PM