

EQUIPMENT EVALUATION: A CASE STUDY

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Capstone Project

OBJECTIVES

1. Help current DPT students better understand the overall flow of an equipment evaluation
2. Provide information on device delivery and appropriate follow-up with patients, insurance agencies, and vendors
3. Gather patient and vendor perspective on how physical therapists can improve the process of obtaining equipment
4. Increase collaboration between future physical therapists and equipment vendors by clarifying roles during and after an equipment evaluation
5. Demonstrate appropriate subjective and objective measures to appropriately determine equipment needs
6. Include a letter of medical necessity for a specific equipment evaluation case.

MADDIE—MEDICAL HISTORY

- 15 yo F born with polymicrogyria at 33 weeks
 - Seizures
 - Failure to thrive and G tube
 - Inability to manage secretions
- Delayed developmental milestones
- Complex dysautonomia
 - Improved medical management
- Spinal fusion for scoliosis
 - Followed by 42-day ICU stay



CURRENT LEVEL OF FUNCTION

- Communication
 - Non-verbal
 - Home school
 - Working on communication with AT
- PT Goals
 - Primarily working on transfers
 - Maintaining function
 - Standing tolerance



PERSONAL FACTORS

- Home Set-Up
 - 2 story home
 - Lives with parents and 2 siblings
- Insurance
 - Private insurance
 - Medicaid and CAP/C



EQUIPMENT

- Previous equipment
 - Several wheelchairs, standers, walkers, bath chair, tandem trike
 - Trexo gait trainer
- Current wheelchair
 - Quickie Iris manual tilt-in-space
 - Happy with current model
 - 4 years old

