Care Breakouts: Diagnosis and Early Childhood

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“...early childhood as the period from birth to age eight, end with age eight because it reflects an important developmental milestone. Age eight corresponds to third grade, a critical year for mastery of the reading skills upon which further learning will build and a reliable predictor for future education success”

https://www.impact.upenn.edu
Diagnosis
The patient with DMD

- **Motor function/dysfunction:**
  - strength
  - load (weight/BMI)
  - alignment

- **Growth, development and nutrition**
  - Height, weight, BMI
  - Bone health
  - Puberty

- **Cardio-pulmonary function**

- **Endocrine function** – at risk for adrenal insufficiency (steroids)

- **GI/GU function**
  - constipation
  - urinary problems
  - kidney stones

- **DMD and psycho-social function**
  - home, school, work

- **DMD and family: genetic counseling**
  - Moms and extended family
Musculoskeletal system
Prednisone/prednisolone and deflazacort regimens in the CINRG Duchenne Natural History Study.

_Bello et al. Neurology 2015; 85: 1048-55_

(A) Participants treated at least 1 year while ambulatory (n 5 252, black line) vs participants treated less or untreated (n 5 88, red line). (B) Participants treated with the most common drug-regimen combinations: daily PRED (n 5 94, black line), high-dose 2 days/week PRED (n 5 19, red line), low-dose intermittent PRED (n 5 14, yellow line), and daily deflazacort (n 5 80, green line). PRED 5 prednisone or prednisolone.
International Classification of Functioning, Disability and Health (ICF)
F words in Childhood Disability: holistic approach to life – and especially to childhood disability

*Rosenbaum and Gorter, 2012*