UNILATERAL HEARING LOSS IN CHILDREN: PROGRESS & OPPORTUNITIES

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 I.
 II.
 III. Current
 IV.

 Background
 Outcomes
 III. Current
 IV.

 Management
 Forward

 Image: State State













II. Outcomes















 \Box 45% received speech therapy









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Consequences of ongoing, severe, fatigue

Inattention
Poor concentration
Distractibility
Poor school achievement

High absenteeism











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Why is this important? The fatigue scores reported herein indicated more fatigue experienced by CHL than children with cancer, <u>rheumatoid</u> <u>arthritis, diabetes, and obesity</u> (Varni et. Al, 2002; 2004; 2009; 2010)

















Tool	Target	Age
Early Language Milestone Scale-II	Receptive & expressive language	B-36 mos
Early Listening Function	Auditory detection	Infants & toddlers
Pre-School SIFTER	Classroom listening behavior	3 yrs to K
SIFTER	Classroom listening behavior	Grade school
Communication & Symbolic Behavior Scales	Language & symbolic development	Infants & toddlers

























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- Listening conditions?
- □ Listening effort and/or fatigue?
- □ Lack of early or aggressive intervention?
- □ Lack of effective amplification?
- □ Concomitant recurrent otitis media?
- Connectivity between brain networks involved in executive function, cognition, & language comprehension?
- Etiology?









