

# FATIGUE IN CHILDREN WITH HEARING LOSS

## RELATION TO LANGUAGE AND LITERACY

### WHAT WE KNEW

- Anecdotal reports of high fatigue in adults and children with hearing loss
- Children with hearing loss self-report more fatigue than children with normal hearing (Hornsby, Werfel, Camarata, & Bess, 2014)

### WHAT WE DID

19

3RD - 6TH GRADER WITH COCHLEAR IMPLANT(S) + A PARENT DYADS

MEASURED:

- CHILD SELF-REPORT OF FATIGUE
- PARENT REPORT OF CHILD FATIGUE
- CHILD SPEECH PERCEPTION SKILLS
- CHILD LANGUAGE SKILLS
- CHILD LITERACY SKILLS

### WHAT WE FOUND

1. Children self-reported more fatigue than parents reported for them.



2. Children who reported higher physical fatigue scored lower on speech perception, language, and literacy measures.

### WHAT THIS MEANS

1. Children with cochlear implants are more tired than we realize! We need to ask them about fatigue and teach them to self-advocate about fatigue.
2. Fatigue affects language and school performance. We need to find ways to alleviate fatigue for children with hearing loss.