

# Listening Breaks and Listening Fatigue in Adolescents with Hearing Loss

Kelsey Klein, Lauren Harris, Elizabeth Humphrey, Emily Noss, Autumn Sanderson, & Kelly Yeager Department of Audiology and Speech Pathology, College of Health Professions, The University of Tennessee Health Science Center

## **INTRODUCTION**

- Listeners with hearing loss (HL) often require greater listening effort than those with normal hearing to understand speech in complex environments. This increased listening effort can lead to listening-related fatigue (Sindhar et al., 2021)
- Children with HL experience higher listening fatigue than peers with normal hearing (Bess et al., 2020)
- Listening breaks (short periods during which a listener takes a "break" from using hearing devices) have been reported as a common coping strategy for dealing with listening fatigue (Davis et al., 2021). However, the role of listening breaks in alleviating listening fatigue remains unknown

# **RESEARCH GOALS**

- 1. Identify the association between listening breaks and listening fatigue among adolescents with hearing loss.
- 2. Identify characteristics, such as device configuration, that may make an individual more likely to utilize listening breaks.
- 3. Characterize the extent to which listening fatigue changes over the course of a school day among adolescents with hearing loss.

# CONTACT

Lauren Harris: larmstr7@uthsc.edu Kelsey Klein: kklein11@uthsc.edu



- age = 15.4 years)
- breaks
- **CROS** devices
- (Hornsby et al., 2022)



## CONCLUSIONS

• Adolescents who experience greater listening fatigue utilize listening breaks more frequently.

Feeling comfortable asking for a listening break may help alleviate listening fatigue in adolescents with HL.

Building self-advocacy skills and helping adolescents become more comfortable advocating for their needs may help reduce listening fatigue.

Adolescents with unilateral HL took listening breaks less frequently than those with bilateral HL.

Bilateral HA users use listening breaks just as frequently as bilateral CI users.

Educators should be aware that listening fatigue is more prominent in the afternoon. Scheduling quiet activities during the afternoon may help address adolescents'

Audiologists should be aware of possible listening fatigue in adolescents with HL and counsel patients on management strategies (like listening breaks) to use during highfatigue times, like the afternoons.

### REFERENCES

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