



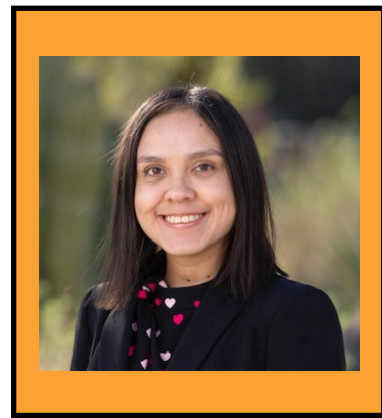
F · L · A · S · H
FRIDAY SEMINARS IN SPEECH, LANGUAGE, AND HEARING

Bruton Conferences are Sponsored by the David Bruton, Jr. Endowed Lecture Series in Communication Disorders

Lindee A. Alvarez

Perception of Verticality in Patients with Post Concussion Syndrome

Concussion, a common form of mild traumatic brain injury is often accompanied by dizziness and balance difficulties. The purpose of this study was to evaluate balance through perception of verticality on the subjective visual vertical, SVV, test in patients with post-concussion syndrome, PCS. SVV assesses verticality via sensory input from the semicircular canals and the otolith organs, making it a reliable measure of structures that are crucial for balance. This study was a retrospective chart review of 470 PCS patients who completed the SVV test during their post-concussion vestibular evaluation. Overall findings suggest poor integration of visual and vestibular information in nearly 40% of patients with post-concussion syndrome. Furthermore, findings suggest that SVV can serve as a useful measure of verticality and visual and vestibular integration in patients with PCS.



Bio

Lindee Alvarez is a second-year PhD student in the department of Speech, Language, and Hearing at UT Dallas where she works under the mentorship of Dr. Lobarinas. She earned her Doctor of Audiology degree in 2025 from UT Dallas. She completed her clinical externship at the Mayo Clinic in Arizona. While completing her externship she served as the president of the National Student Academy of Audiology organization. Lindee is passionate about audiology advocacy efforts and hopes to incorporate her clinical expertise into her future research endeavors.

Date/Time: Friday, September 12th - @ 12 noon to 1 pm

Location: MS Teams and CD Room A229