Citation:

Abstract:
In the present study, voice onset time (VOT) measurements were compared between a group of individuals with moderate Alzheimer's disease (AD) and a group of healthy age- and gender-matched peers. Participants read a list of consonant-vowel-consonant (CVC) words, which included the six stop consonants. The VOT measurements were made from oscillographic displays obtained from the Brown Laboratory Interactive Speech System (BLISS) implemented on an IBM-compatible computer. VOT measures for the participants' six stop consonant productions were subjected to statistical analysis. The results indicated that VOT values in speakers with Alzheimer's disease were not statistically different from those for the normal control speakers. (Contains 6 tables.)

Subjects:
Phonemes
Alzheimers Disease
Computational Linguistics
Experimental Groups
Control Groups
Speech Language Pathology
Voice Disorders
Residential Institutions
Educational Gerontology
Acoustics
Auditory Stimuli