

## A STUDY ON AUDITORY COMPREHENSION SKILLS IN NEUROLOGICALLY & COGNITIVELY HEALTHY INDIVIDUALS BY ADMINISTERING AUDITORY COMPREHENSION TEST IN HINDI

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### ABSTRACT

Auditory comprehension is the process, through which spoken language is heard, interpreted and understood. Damage to specific language areas in the brain result in stroke. Auditory comprehension impairment is characterised with semantic and phonological deficits. Various research studies have reported that elderly individuals are at greater risk of developing degeneration than the younger-adult individuals and have to face challenges in the areas such as social roles and activities of daily living.

**Justification:** The burden of communication disorders is cumulative seeing the aging and deleterious advancing risk of dementia globally. Disability comes with aging (Yorkston and Burgeois, 2010).

**Objective:** To investigate auditory comprehension skills in Neurologically & Cognitively Healthy young, middle aged & elderly individuals by administering Auditory Comprehension Test in Hindi.

**Methodology:** Selection of neurologically & cognitively healthy individuals (NACH) The study included 150 NACH Hindi speaking individuals, between the age range 30 to 80 years.

**Result:** Mean age of each of the sub group shows that the participants are uniformly distributed across each of the sub groups. The auditory comprehension skills decline with increasing age among adults.

**Conclusion:** Study concludes decrease in the total scores of auditory comprehension across five age groups from 30 to 80 years. On observation age group 60-70 years scored better than age group 50-60 years. This may be due to stress factor in the 50-60 years of age.

**KEYWORDS:** Interpreted and Understood, Selection of Neurologically & Cognitively Healthy Individuals

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