Designing Sara Lipreading Test (No.2) and implementing it in hearing adults

Abstract

We need lipreading Tests inorder to evaluate patient’s lipreading skills and necessary instructions. These are two kinds of lipreading test: synthetic & Analytic. Sara (2) lipreading Test is an analytic test and complementary of Sara (1) lipreading Test which was a synthetic one (Movallali, 2000).

Objective: Developing a lipreading test and standardization of the test in a group with normal hearing and vision.

Methodology: This study was a descriptive-analytis survey subjects:
1) All persian phonemes were put in a VCV context.
2) 88 normally hearing and vision adults (58 males, 30 females) ranged from 17 to 85 years old.

Main Findings: 1) "Sara lipreading Test" (Nomber 2), Composed of 23 nonsense two syllable VCVs.
2) Lipreading Ability of persian phonemes in 6 groups of homophones.
3) Subjects could distinguish between visems in 6 different homophone groups.
4) Content validity of the test.
5) No significant difference between test and retest.

Conclusion: According to the results of this study, "Sara (2) lipreading Test" is a valid and reliable analytic test for assessing lipreading ability of persian phonemes and despite of its simple structure, gives us a lot of valuable information. About lipreading skills and is complemenary of synthetic lipreading tests.

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