

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

## **Abstract**

*We need lipreading Tests in order 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-analytic 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" (Number 2), Composed of 23 nonsense two syllable VCVs.*

*2)Lipreading Ability of persian phonemes in 6 groups of homophones.*

*3)Subjects could distinguish between visemes 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 complementary of synthetic lipreading tests.*

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