

The investigation of relationship between stuttering and some of allergic diseases in Isfahan in 1380-81

abstract

Introduction: *One of the most common and complete ways to communication between humans is "speech". Speech has lots of complicates in both acquisition and performing steps. Therefore it is at risk of many disorders. One of these disorders is stuttering.*

Stuttering is a syndrome in that there are intruptions in fluency of speech like repetation, block, prolongation, pause, etc.

Many factors affect on stuttering. One of these factors which are mentioned in many refrences, are allergies.

About 15% of community suffer from allergy. In this study, the main goal is to investigation of the relationship between stuttering and various kinds of allergies, including; asthma, rhinite, and dermatite.

Materials and methods: *In this study 33 stutterer cases reffered to speech therapy clinics as the "case group" and 57 non-stutterer individuals as matched controlgroup have selected. The checklist for investigation the allergy was applied by both case and control groups and was analized.*

Results: *In the case group 9 out of 33 stutterers, had asthma (27.3%) and in the control group 6 out of 57 non-stutterers were involved by asthma (10.5%) and in case group 6 out of 33 stutterers had rhinite (18.2%) and in control group 6 persons had rhinite (10.5%) and 1 out of 33 stutterer in case group had dermatite (3%) and 4 persons in control group had it (7%).*

Discussion and conclusion: *Results of this research showed there is a significant relationship between stuttering and asthma but there is no signifivant relationship between the other two kinds of allergies-rhinite and dermatite-and stuttering.*

Eskandari A. (B.Sc.)

Halaj A. (B.Sc.)

Shafiei B. (M.Sc.)

key words: Stuttering / allergy / rhinite / dermatite / asthma / speech disorder