

## Abstract

**Introduction and Objective:** Menier's disease is referred to rise in endolymphatic liquid and consequently to the expansion of endolymphatic sac of the inner ear. Incidence of the disease ranges between (3- 100) cases per 100000 people. The prevalence age is between 20- 50) and the ratio of the male to the female is approximately 1. The main cause of the disease is unknown, but in the ground of a set of hereditary multi- factors and the body's protective reactions such as head truma , the sepsis can cause or aggravate the disease. Among the symptoms of the disease are circular vertigo, ear singing, decrease in fluctuating neuro sensuous hearing. The important effect of the disease is full deafness. This disease is often self limited. Since any research hasn't been in this field in the province, and the presented figures are often related to the text books and studies of other countries, we decided to take an action towards studying in this field to be able to contrast it with other studies which have taken place and other books sources as well as take the advantages of its results in proper management of the patients.

**Materials and Methods:** This is a descriptive cross- sectional research that has been done on 24 meniere patients in 1380-84. The necessary information have been collected by designed questionnaire face to face and collected data analyzed by statistical method such as table and graph in SPSS software.

Results: from 24 patients 14 (58.3%) were male and 10 (41.9%) were female. 12 (50%) patients were in age range 30-39. vertigo, decrease in

hearing, and tinnitus were in all cases. In 18 (75%) patients the first symptom of the disease was vertigo.

From all patients, in 12 (50%) of patients the trend of diseases was stable. 6 cases (25%) from all patients have knowledge about their diseases. In 2 (8.3%) cases the disease was of bilateral type and in 22 (91.07%) cases it was one- sided.

Discussion: In this research Meniere's disease has nearly involved both sexes equally. Three symptoms for vertigo, decrease in hearing, and tinnitus have been present in all cases. In a few of patients the disease has progressed towards the tensity . The disease has often been of one- sided type. And a few of patients have knowledge about diseases. In comparison the results of this study with studies done in other places, most of the results were similar.

**Keywords:** Meniere's disease, Endolymphatic, Truma, Otithie, Ardebil