

MODULE FUNCTIONAL EVALUATION: CONCEPT AND METHODOLOGY

Didactic Unit F: Functional evaluation assessment: classical assessments vs instrumented analysis

CLASS ACTIVITY:

Reinforcement activity

(20 min)



The task is to test the operation of the subjective method of hearing assessment used in everyday otolaryngological practice.

Methodology of the study

One of the people sits down in a chair and its task is to repeat the words he hears from the other. The second person stands 6m to the right of the examined person. Based on the assumption that a healthy ear hears a whisper from a distance of 6m, the second person whispers 10 words, and the first person tries to repeat them. Then the second person approaches the first person 50cm and says another 10 other words. Each of the observers notes how many words they were able to repeat without mistakes. The test is performed on the right and left side of the subject, and then from the front and back (the second person approaches from a distance of 6m from the right, left, front and back of the first person).

The task is to conduct the study three times for 5 people and record the results. Then compare the results saved for each person. Compare the values observed by observers and compare the values obtained from all directions for each of the examined people.



During the task should pay attention:

- Occurrence of repeatability of results for the same direction
- Occurrence of repeatability of results recorded by each of the observers
- The existence of a correlation between the right and left examination, and the examination from the front and back

After the group test, a discussion should be held about the objectivity of the test method and the possibilities of using the results obtained in the study.

One should also consider whether the presented study is reliable and what kind of functional assessment it is.

The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.