Results

Experience generated by the acoustic reflection of the sound, and that it seems to suppose that one list can be played in 2 min, the test duration would be 10 min.

The test procedure (CEA-2017) has been used to perform the test. The French lists, containing between 40 and 60 sentences, were adapted for testing purposes.

Hypothesis: Intelligibility score

The effect of a priori knowledge of the situational context of the test

The effect of reverberation distortion

The effect of additive noise

Hypothesis

Using realistic test sentences such as vocal announcements.

Conclusions

Reverberation distortion exhibits a greater effect on intelligibility than additive noise.

Use realistic test sentences such as vocal announcements.

Perspectives

The ecological audiometric test should also include localization tests to evaluate the ability of the patient to localize specific sounds such as alarming sounds.

Specific questions should be added to the ecological audiometric test to better understand the deficits and difficulties experienced by the patient.

Further tests must be carried out with a larger sentences database and different situations, including reverberation, to better understand the effect of a priori knowledge about the situational context.