

AAST - Adaptive Auditive Speech Test

- › Adaptative speechtest for children aged 4 years and older, developed by Prof. Coninx
- › Interactive and quick definition of the threshold: SRT (Speech Recognition Threshold) with/without noise.
- › Test with FF-Speakers or with headphone.
- › Registration of unilateral hearing loss which has not been discovered sooner
- › Registration of hearing restrictions, also with background noise.
- › Control of effectiveness of CI or hearing aid



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- › There are four words out of the children's vocabulary in this test. They are easy to visualise, meaning that we chose pictures that children easily combine to this word. This basic thought of the test leads to the advantage that it is not dependent on the development of speech of the child.
- › The adaptiveness of the test means that the loudness of the stimuli changes quickly to the threshold of the child, reacting to right or wrong answers. The advantages are that the test is short and the child does not lose concentration.
- › One testflow takes shorter than two minutes and it ends automatically. You can check each answer afterwards and see the whole curve in a graph – including an analysis.
- › Norm data for children from the age of 4 years exist. That puts into a position to screen on hearing losses from 10dB onwards. Also one side hearing losses are measurable.
- › Important for us was that we could check the hearing abilities of young children testing speech in noise, which becomes more important when trying to find out whether a child understands speech in a noisy surrounding like kindergarten or school.

The test is available as software, together with soundcard and transducer or within the AuriCheck Screening Audiometer. Only the latest is a medical product.

The test has been validated in a well-known German clinic.

The test has been used in Poland in a nation-wide screening program for kindergarten children.

The test is available in Polish, Dutch, German, Turkish, Arabic, Russian, Swiss-German, Chinese and others

There is a High-Frequency version of the test in different languages, too.

We are constantly developing further, finding words for more and more languages;

