



CORGEE

The new CORGEE™ hearing test

Speech is the key to a child's growth and development

For young children, being able to clearly hear and understand speech from their earliest years is crucial for their development.

However, hearing loss puts children at a significant risk of language delays, learning difficulties, or reduced social skills.

A missing link in modern audiology

Current hearing tests often face limitations when used with children:

- Behavioral tests require active participation, which is often challenging for young children
- Objective tests use unnatural stimuli, such as tones or isolated vowels, measuring only peripheral processing and providing little insight into speech understanding

With existing tests, it is not possible to objectively determine whether natural speech is being processed effectively

CORGEE: The first objective test with natural speech

The CORGEE hearing test analyzes the processing of natural, continuous speech through brain responses, without requiring active participation from the patient.

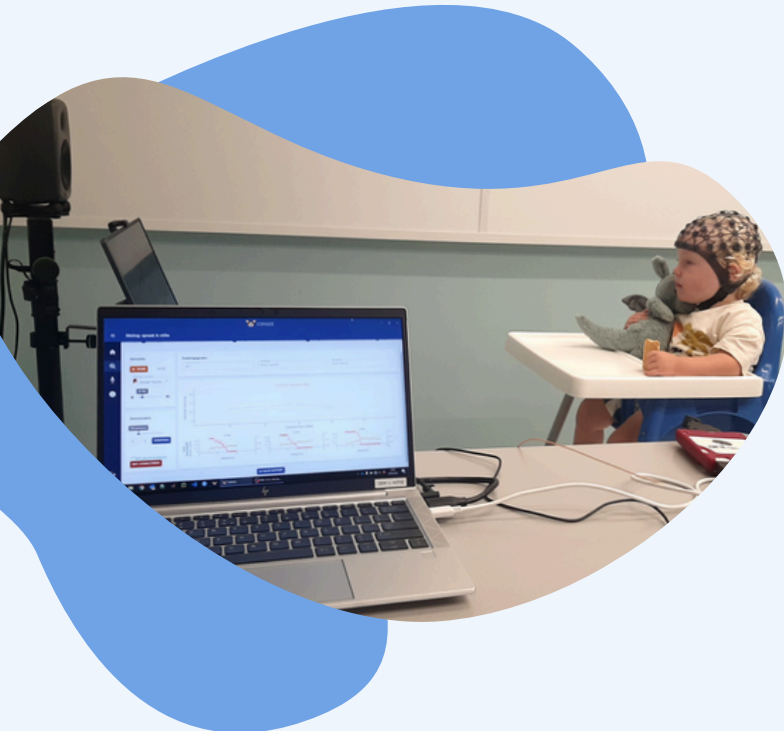
With CORGEE, hearing care professionals can quickly and reliably assess speech understanding with and without hearing aids, and parents are better informed.

Objective Speech Audiometry

BY  brainphonics



Scan the QR code for more information on world's first objective hearing test with natural speech



1. Easy to get started

CORGEE uses the latest EEG technology in a headcap with saline-soaked sponge sensors

- Ready to measure in **minutes**
- Instant visualization of measurement quality
- Highly **comfortable** for children
- No need for adhesives, gels, or scrubbing of the skin

Once the cap is in place, the test can begin immediately!

2. Efficient test procedure



The child watches an engaging animated film with carefully calibrated audio played through a speaker. The film features natural speech, **reflecting real-life listening situations**:

- **User-friendly** software and a **child friendly** protocol
- **Real-time** results during the test for immediate feedback
- **Evidence-based** methodology backed by years of scientific research

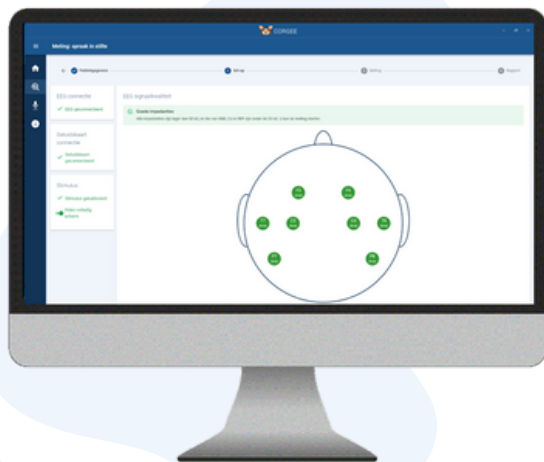
View our scientific publications at:
brainphonics.com/en/corgee/

3. Intuitive reporting

After the test, you will receive a digital report with an **objective speech audiogram**:

- Intuitive visualization of responses at different sound levels
- possible with and without hearing aids (aided/unaided)
- Insights into central and peripheral processing of speech

This report is also an excellent **counseling tool** for parents, providing reassurance, additional explanation, and demonstrating the benefits of hearing aids.



CORGEE – Testrapport

Patiëntgegevens

Naam:
 Geboortedatum:
 Linkeroor: Hoorapparaat
 Rechtersoor: Hoorapparaat

Testgegevens

Moment testnaam: 12-12-2012 - 12-12-2012
 Stimulus: Iepende spraak (De Grote Boze Vos)
 Presenter: vrij veld
 Softwareversie: 0.6.1

Testresultaten

Neurale responsen

Calibratieniveau	#	Zonder hoortoestellen	#	Met hoortoestellen	
60 dBA	5		1		
		Testduur [min]		Testduur [min]	
50 dBA			4		
		Testduur [min]		Testduur [min]	
40 dBA	6		2		
		Testduur [min]		Testduur [min]	
30 dBA			3		
		Testduur [min]		Testduur [min]	

Brainphonics - True-to-Life hearing for all ears

About Brainphonics

Brainphonics is a spin-off of research group ExpORL of KU Leuven University.

We are an interdisciplinary team of audiologists and engineers with a mission to make hearing technology more accessible for all ears, particularly for individuals who have difficulties communicating about their hearing issues.

Evidence-based

We highly value reliability and evidence-based practices. Our new technology is based on years of thorough research into speech processing in the brain.

The results have been published in international, peer-reviewed articles, demonstrating that neural speech responses are strongly correlated with speech understanding and can predict the benefit of hearing aids in children.



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The CORGEE test was very helpful in showing that his hearing aids are indeed necessary to achieve better speech understanding!

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Contact

Interested in implementing CORGEE in your healthcare facility, or want to schedule a demonstration? Contact us and discover how our technology can enhance your care!

Website: brainphonics.com

Mail to: ben@brainphonics.com

Book an online appointment:
calendly.com/ben-brainphonics

