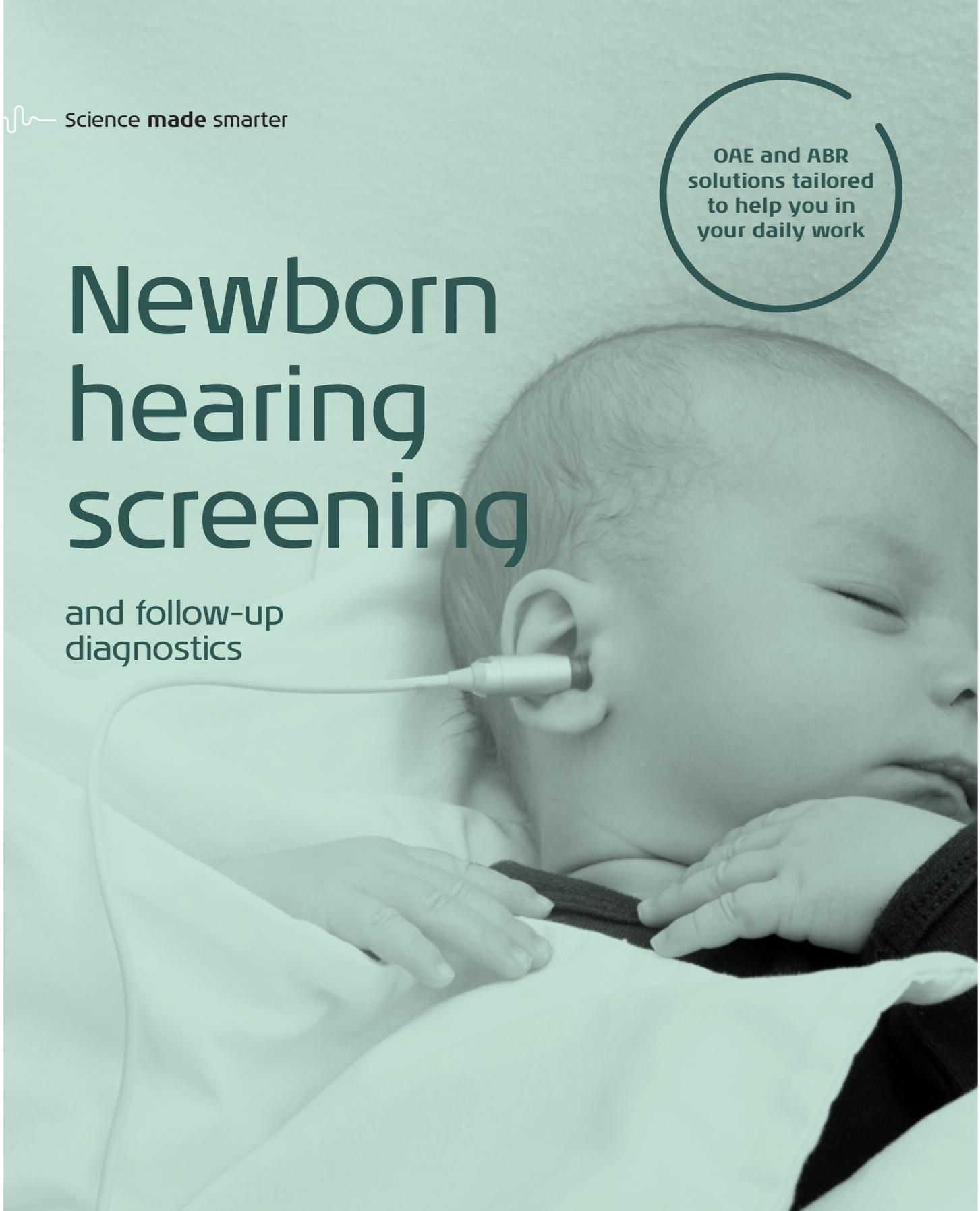


Science **made** smarter

OAE and ABR  
solutions tailored  
to help you in  
your daily work

# Newborn hearing screening

and follow-up  
diagnostics



  
**Interacoustics**

Audiometry

Tympanometry

ABR  


OAE  


Hearing Aid Fitting

Balance

No matter your setup, we can accommodate your needs

# Why is early identification of hearing loss so important?

## Early identification of hearing loss is vital

Early identification of hearing loss is vital to ensure normal development of a child's speech, language and social competencies. The sooner the child is referred for diagnostic follow-up and treatment the more likely it is for the child to experience a childhood with normal hearing ability.

## With Newborn Hearing Screening

Born hearing impaired



## Without Newborn Hearing Screening

Born hearing impaired



Source: Adapted with permission from Barnett, C. J., Vernan, D., & Huijnen, J. (2016). Hearing care across the life span. From hearing screening to diagnostics and rehabilitation (White paper). Oticon Foundation, Denmark.

# OAE & ABR screening

## & follow-up with Interacoustics

Example of process in a newborn hearing screening program

### OAE screening



No further examination (✓) | Pass | Refer (✗)

2nd OAE screening



No further examination (✓) | Pass | Refer (✗)

ABR screening



No further examination (✓) | Pass | Refer (✗)

Diagnostic follow-up



### A solution for any newborn hearing screening program

Interacoustics offers solutions for any newborn hearing screening program. Regardless if the preferred protocol is DPOAE, TEOAE and/or automated ABR we have the solution - also for the diagnostic follow-up.

# OAE Screening



**Sera™**  
Handheld OAE

Sera™ offers fast DPOAE and TEOAE screening of newborn babies. Place the probe in the baby's ear and a few seconds later clear test results (Pass or Refer) will be displayed.

- Fast and easy to operate
- Intuitive workflow
- Large touch screen
- Light-weight probe
- Easy fit into even the smallest ears



**OtoRead™**  
Portable OAE

OtoRead™ combines fast DPOAE and TEOAE testing of newborn babies in an easy to use, handheld device. Testing only takes a few seconds and is supported by easy result interpretation.

- Ergonomic design shaped for one-hand operation, by anyone
- Easy navigation
- Small, lightweight probe for small ears



**Titan**  
Portable OAE Combo

With Titan, DPOAE and TEOAE screening can easily be performed either via PC or the handheld unit. Further, as the only product in the Interacoustics portfolio, Titan offers pressurized OAE, which potentially can reduce the number of false refers.

- Intuitive operation
- Customizable protocols

# ABR Screening



CE-Chirp®

Stimulus compensates for cochlear travel time. The result is a response amplitude up to twice the size compared to a standard click.



**Sera™**  
Automated ABR

Sera™ performs fast and reliable automated ABR. Combining DPOAE and TEOAE with the automated ABR protocol, Sera™ covers the entire newborn hearing screening process.

- Intuitive workflow
- Large touch screen
- Optimized for noisy environments
- Binaural automated ABR
- Selection of transducers (probe, earcups, inserts)
- CE-Chirp® stimulus



**Titan**  
Automated ABR

Titan offers fully customizable protocols, which makes it suitable for automated ABR in any newborn hearing screening program. Titan can be configured to do both DPOAE, TEOAE and automated ABR.

- Handheld or PC-controlled
- Binaural automated ABR
- Selection of transducers (probe, earcups, inserts, headphones)
- CE-Chirp® stimulus



**Eclipse**  
Automated ABR

Eclipse provides fast and objective automated ABR. It requires minimal tester training and it is automatic and objective.

- Returns a simple pass/refer result
- Continuous graphical display of EEG

# Diagnostic follow-up

## Eclipse

A complete solution

Eclipse offers diagnostic DPOAE and TEOAE as well as diagnostic auditory evoked potentials. Unique features such as residual noise, Fmp and Bayesian weighting improve test results and minimize test time.

- One platform for all tests, such as ABR, ASSR, OAE, VEMP
- CE-Chirp® LS Stimulus Family



## Titan

Clinical OAE & Tymp

Titan performs diagnostic DPOAE and TEOAE via PC or the handheld unit. By combining the diagnostic OAE with the available impedance modules comprehensive diagnostic testing can be performed with Titan alone.

- Pressurized OAE
- Customizable protocols
- Tympanometry, wideband tympanometry and wideband absorbance



## OtoRead™

Clinical OAE

Besides screening, OtoRead™ also offers diagnostic OAE assessments. Testing across a wide range of frequencies, it is suitable for diagnostic DPOAE and TEOAE on patients of all ages.

- DPOAE testing up to 12 kHz
- Customizable test protocols
- Wireless printing and data transfer



## Lyra

Clinical OAE

Dedicated for clinical OAE, Lyra offers fast and reliable DPOAE and TEOAE measurements with various functionalities for detailed interpretation and analysis of test data.

- PC-controlled black box
- Customizable protocols



# Service & after sales support

When you acquire instruments from Interacoustics, you invest in the highest quality available today. Such an investment deserves to be taken good care of and we would be pleased to assist in doing that.

Our global network of authorized distributors offers:

- Installation of the instruments
- Training of you and your colleagues
- Calibration
- Service
- Update and installation of the latest software modules

# Training by Interacoustics Academy

Expand your knowledge with the latest advancements in diagnostic audiology and balance presented by our internationally respected experts, endorsed by the leading professional bodies.

The Interacoustics Academy is the training and educational branch of Interacoustics. The Academy gives

clinicians across the globe access to high quality and clinically relevant training material related to audiological and balance technologies as well as their clinical applications. This service is an on demand training service offered through our dedicated website [www.interacoustics.com/academy](http://www.interacoustics.com/academy) as well as face to face training events worldwide.

E-learning

New Virtual Clinic

Video tutorials

Webinars

Academic materials



Disposable ear tips

Probe tips

Supplies for insert earphones

Sanibel™ Infant EarCup™

REM probe tubes for HA fitting

Disposable electrodes

Electrode cables

Patient preparation

Protection & cleaning

Parts for audiometry

Balance supplies

Paper

Miscellaneous



## Disposables from Sanibel Supply®

Interacoustics offers a variety of disposables from Sanibel Supply. Whether you need eartips for newborn hearing screening, electrodes for automated ABR or other disposables, we are able to supply what you need.

# Science made smarter

## Interacoustics is more than state-of-the-art solutions

Our mission is clear. We want to lead the way in audiology and balance by translating complexity into clarity:

- Challenges made into clear solutions
- Knowledge made practical
- Invisible medical conditions made tangible and treatable

Our advanced technology and sophisticated solutions ease the lives of healthcare professionals.

We will continue to set the standard for an entire industry. Not for the sake of science. But for the sake of enabling professionals to provide excellent treatment for their millions of patients across the globe.

[Interacoustics.com](http://Interacoustics.com)

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