



# Newborn Hearing Assessment: Evoked Potentials Workshop

During June 5-7, 2023, the Interacoustics Academy is delighted to invite you to a 3-day, evoked potentials workshop on newborn hearing assessment at the Interacoustics office in Minneapolis.

You can expect live interactions, tasks and loads of hands-on, practical opportunities. All of this will take place under the guidance and instruction of Amanda Goodhew, International Clinical Trainer from the Interacoustics Academy and Han Nguyen, Clinical Specialist for Electrophysiology and Vestibular Applications at Interacoustics US.

The number of places in this course is limited to facilitate the optimal learning experience, so sign up now to avoid disappointment!

## What will you learn?

Covering auditory brainstem response (ABR) assessment and auditory steady state response (ASSR) testing, this course will equip you with the knowledge and skills to perform accurate hearing threshold assessments in the newborn population.

**This course does not cover assessments in older children, adult hearing assessment or neurological ABR testing. The focus will be exclusively on threshold assessment and hearing loss identification in newborn infants.**

We'll use case studies, demonstrations, and practical sessions to familiarize you with:

- Evoked potentials equipment
- Patient preparation
- Testing technique
- Establishing thresholds
- Results interpretation
- Management of both straight forward and complex scenarios

## Is this course for you?

If you're new to evoked potentials testing in young infants, seeking a refresher, or to update to your clinical practice this course is ideal.

## Practical information

Training location: Interacoustics, Ron Perl Training Room,  
10393 W 70th St., Eden Prairie, MN

- Date: June 5-7, 2023
- Price: \$450, excluding hotel

Register online at: <https://tinyurl.com/2dhafbx>

## Hotel Information:

Hilton Minneapolis/Bloomington, 3900 American Blvd. W., Bloomington, MN. Room block (includes breakfast and transportation to/from training) will be held under group code INTER until May 5, 2023. Room link is available on registration site. Availability limited. 844-856-8554



# Agenda

Minneapolis, MN, 5 - 7 June 2023

## Agenda Day 1

Time	Session
8:00 - 8:30 am	<b>Welcome and introductions</b>
8:30 - 9:00 am	<b>The patient journey</b> <ul style="list-style-type: none"> <li>- The importance of early intervention</li> <li>- Newborn hearing screening programmes</li> <li>- The diagnostic pathway structure</li> </ul>
9:00 - 10:00 am	<b>Room set up and environmental considerations</b> <ul style="list-style-type: none"> <li>- The ideal room for ABR testing</li> <li>- Managing the environment and patient noise</li> <li>- Equipment and protocol set up</li> </ul>
10:00 - 10:15 am	<b>Break</b>
10:15 - 11:30 am	<b>Preparing for the test</b> <ul style="list-style-type: none"> <li>- History taking</li> <li>- Patient preparation and electrode placement</li> </ul>
11:30 - 12:30 pm	<b>Lunch</b>
12:30 - 1:30 pm	<b>Starting the Auditory Brainstem Response</b> <ul style="list-style-type: none"> <li>- The ideal patient state, and how to achieve it</li> <li>- Supplementary tests: Which to perform, and when</li> <li>- Selecting the correct protocol, stimulus, level and ear</li> </ul>
1:30 - 2:30 pm	<b>Getting to know your wave V</b> <ul style="list-style-type: none"> <li>- How to identify a wave V</li> <li>- Demonstration</li> </ul>
2:30 - 2:45 pm	<b>Break</b>
2:45 - 4:00 pm	<b>Getting to know your wave V</b> <ul style="list-style-type: none"> <li>- Practical hands-on session</li> </ul>



**Amanda Goodhew, MSc**

International Clinical Trainer, Interacoustics, AS  
Amanda holds a master's degree in Audiology from the University of Southampton, Southampton, England. She has extensive experience holding senior audiologist positions in numerous NHS (National Health Service) hospitals and clinics, where her primary focus has been pediatric audiology. Her specific areas of interest are electrophysiology, neonatal diagnostics and amplification, and the assessment and rehabilitation of patients with complex needs.



**Han Nguyen, Au.D.**

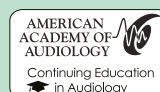
Han Nguyen, Au.D. received her clinical doctorate in audiology from Central Michigan University in Mount Pleasant, MI. She is a Clinical Specialist for Electrophysiology and Vestibular Applications at Interacoustics US. Her clinical experience ranges from pediatrics in a hospital setting to adult diagnostics and vestibular assessment at a sub-specialty ENT.

## Agenda Day 2

Time	Session
8:00 - 9:00 am	<b>Why are we using CE-Chirp® in ABR testing?</b> <ul style="list-style-type: none"> <li>- Why we should move away from the click</li> <li>- Comparisons between NB CE-Chirp® and tone bursts</li> </ul>
9:00 - 10:00 am	<b>Establishing threshold using the Eclipse</b> <ul style="list-style-type: none"> <li>- Advanced features to define threshold: Fmp &amp; Residual Noise</li> <li>- Categorisation of individual waveforms</li> <li>- What is threshold?</li> </ul>
10:00 - 10:15 am	<b>Break</b>
10:15 - 10:45 am	<b>ABR correction factors</b> <ul style="list-style-type: none"> <li>- Derivation of correction factors</li> <li>- How to apply correction factors in clinical practice</li> </ul>
10:45 - 12:00 am	<b>Finding threshold</b> <ul style="list-style-type: none"> <li>- Hands-on practical session</li> </ul>
12:00 - 1:00 pm	<b>Lunch</b>
1:00 - 2:00 pm	<b>What happens when I find a hearing loss?</b> <ul style="list-style-type: none"> <li>- Performing bone conduction ABR testing</li> <li>- Transducer and stimulus considerations</li> <li>- Testing strategy</li> </ul>
2:00 - 3:00 pm	<b>Bone conduction ABR testing</b> <ul style="list-style-type: none"> <li>- Hands-on practical session</li> </ul>
3:00 pm	<b>Activity / Social</b>

## Agenda Day 3

Time	Session
8:00 - 9:00 am	<b>Using ASSR to build your Audiogram</b> <ul style="list-style-type: none"> <li>- How ASSR can complement ABR testing</li> <li>- Understanding the clinical pathway options</li> <li>- Testing strategy</li> </ul>
9:00 - 10:00 am	<b>Performing the ASSR</b> <ul style="list-style-type: none"> <li>- Hands-on practical session</li> </ul>
10:00 - 10:15 am	<b>Break</b>
10:15 - 11:15 am	<b>Masking: ABR and ASSR</b> <ul style="list-style-type: none"> <li>- Why do we need to perform masking</li> <li>- Identifying when masking is needed / can be avoided</li> <li>- Establishing how much masking noise is required</li> </ul>
11:15 - 12:00 am	<b>Lunch</b>
12:00 - 2:30 pm	<b>Performing the perfect ABR</b> <ul style="list-style-type: none"> <li>- Hands-on practical session</li> </ul>
2:30 - 3:00 pm	<b>Diagnosing ANSD</b> <ul style="list-style-type: none"> <li>- Testing strategy</li> <li>- How to record the cochlear microphonic</li> </ul>
3:00 - 3:30 pm	<b>Managing hearing losses identified via evoked potentials testing</b> <ul style="list-style-type: none"> <li>- Conductive losses</li> <li>- Sensorineural losses</li> </ul>



Interacoustics is approved by the American Academy of Audiology to offer Academy CEUs for this activity. Attending is worth a maximum of 1.8 CEUs. Academy approval of this continuing education activity is based on course content only and does not imply endorsement of course content, specific products, or clinical procedure, or adherence of the event to the Academy's Code of Ethics. Any views that are presented are those of the presenter/CE Provider and not necessarily of the American Academy of Audiology.

