

Our Many Services Include:

- Audiologic evaluations for infants, children and adults
 - Immittance measurements
 - Otoacoustic Emission testing
- Tinnitus evaluation/management
- Balance/vestibular assessment
- Canalith Re-positioning Maneuvers (CRM)
- Auditory Brainstem Response (ABR) testing
- Electrocochleography (ECoChG) testing
- Vestibular Myogenic Evoked Potential (VEMP) testing
- Cerumen removal
- Hearing aid evaluations
- Hearing aid fittings using Real Ear Measurement verification
- Hearing aid repairs
- Assistive listening devices
- Custom earmolds, swim molds, and hearing protection devices

**For more information, schedule
an appointment at the nearest office.**

www.aiaaudiology.com

3615 East Joppa Road, Ste 210 Parkville, MD 21234-3386 410-944-3100 <i>Administrative Office Only</i>	609 Dutchman's Lane, Suite A Easton, MD 21601-3348 410-820-9826
9338 Baltimore National Pike Ellicott City, MD 21042-2805 410-313-9100	2147 York Road Timonium, MD 21093-3110 410-252-3100
7845 Oakwood Road, #303 Glen Burnie, MD 21061-4266 410-760-4327	79 Forest Plaza Annapolis, MD 21401-3716 410-266-6444
3455 Wilkens Avenue, #206 Baltimore, MD 21229-5214 410-646-3100	1629 York Road Lutherville MD 21093-5663 443-578-3900
9613-I Harford Road Baltimore, MD 21234-2150 410-668-5500	200 East 33rd Street, Suite 631 Baltimore, MD 21218-3322 443-948-7440

2021 K Street NW, Ste 420
Washington, DC 20006-1017
202-844-6699

Sources:

Lin FR, Yaffe K, Xia J, Xue QL, Harris TB, Purchase-Helzner E. Health ABC Study Group. (2013). Hearing loss and cognitive decline in older adults. *JAMA Internal Medicine*, 173(4), 293-9.



Audiology Associates

*Your Hearing
Your Balance
Your Health*

WWW.AIAAUDIOLOGY.COM

Meet the Doctors at Audiology Associates, Inc.

Audiology Associates, Inc., has provided comprehensive hearing and balance services for over thirty years. Our hearing care staff is composed entirely of doctors of audiology who have made personalized hearing care their professional mission. We understand that the ability to communicate improves one's quality of life. We work closely with patients, their families, and referring physicians to ensure that our patients of all ages receive the best appropriate hearing care.

Hearing Loss

Hearing loss can occur at any age and often progresses so gradually that the individual with hearing loss may be unaware of the problem. Some types of hearing loss are temporary and can be treated medically. Other types of hearing loss are permanent but can still be improved through a program of hearing rehabilitation through the use of hearing aids.

Early identification of hearing loss is crucial to successful treatment of communication problems. Research has confirmed that untreated hearing loss is associated with accelerated cognitive decline older adults. In fact, individuals with hearing loss demonstrated a 30-40% increased rate of cognitive decline compared to individuals with normal hearing (Lin et al, 2013).

If you answer "yes" to any of the following questions, call one of our offices for a consultation with one of our Doctors of Audiology.

Signs of Communication Difficulty:

- Do you often ask for things to be repeated?
- Do others comment that the television is too loud?
- Do you have difficulty following conversation in the presence of background noise?
- Does it seem like people often mumble or that speech is unclear?
- Do you have constant ringing or buzzing sounds in your ears?
- Do you have trouble hearing on the telephone?
- Do you have concerns about your child's hearing or speech and language development?

Vertigo

Balance is comprised of our vision, our inner ear vestibular system, and our central nervous system. If there is dysfunction of any of these systems, we can experience imbalance or dizziness. Vertigo can be described as lightheadedness, dizziness, or a spinning sensation, and can occur if your vestibular system is not functioning correctly. Your audiologist may perform an electronic balance assessment called Electronystagmography (ENG) or Videonystagmography (VNG) to determine if your vertigo is caused by a dysfunction within your inner ear's vestibular system. If this is the case, vestibular rehabilitative exercises may be recommended, and your audiologist will follow you until improvement is obtained.

Tinnitus

Tinnitus is defined as the perception of a sound in your ears or head, such as ringing or buzzing, when no external sound source is present. About 50 million Americans experience tinnitus. Some people are bothered by their tinnitus as it can interfere with sleep, concentration, or mood. Because tinnitus may be a symptom of a treatable medical condition, it is important to be evaluated by a doctor of audiology. Your doctor will take an extensive medical history, perform a diagnostic hearing evaluation, and discuss tinnitus management options.

Hearing Aids

Hearing aids today automatically provide varying amounts of noise reduction in different listening environments, resulting in better speech clarity and reduced listening effort. They can be digitally reprogrammed or adjusted by your audiologist. Styles, shapes, and sizes of hearing aids vary. Your audiologist will familiarize you with the many options available, guide you through the selection process, and provide appropriate follow-up to ensure your maximum comfort and benefit. Audiology Associates, Inc., utilizes the gold-standard of hearing aid fitting, known as Real-Ear Measurements, to verify that your devices are meeting prescriptive targets based on your hearing loss.