**Protective Devices**

**Swim Molds**
Avoid potential ear infections by preventing water from getting into your ears with custom made swim molds, formed perfectly to your individual ear canal.

**Noise Reducing Earplugs**
Protect your hearing against excessive noise levels with custom made ear molds, formed perfectly to your individual ear canal.

**Musician Monitors**
Preserve sound quality while protecting your hearing with in-ear sound monitors and filters.

**Audiology Staff**

Karen Bauer, MA, CCC/A  
Morgan Hahn, AuD, CCC/A  
Christina Sanderson, AuD, CCC/A  
Jim Zynda, MA, CCC/A

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**University Physicians ENT & Audiology Clinic**

Address: 1020 Hitt St.  
Columbia, MO  
Phone: (573) 882-7903
Audiology Services

The ability to hear well allows us to communicate effectively and navigate our surroundings. When problems develop, it is important to have a qualified health professional check your hearing to determine the best treatment possible.

If you suspect you have hearing loss, the first step is to schedule a medical exam with a physician who specializes in hearing disorders and complete a thorough hearing evaluation with a licensed audiologist. Both of these exams can be performed at the ENT and Allergy Center of Missouri.

Hearing Evaluations

- **Children**: Evaluations include behavioral assessment when possible (physical responses to a set of instructions) and evaluation of middle ear function. Interpretation of results, counseling, and treatment recommendations are discussed with the child’s parent or guardian. Infants from birth to 6 months can be evaluated.
- **Adults**: Hearing evaluations involve behavioral assessment and speech understanding. Middle ear function is also assessed. Test interpretation, counseling, and treatment recommendations are provided.

Hearing Aid Evaluations & Sales

If an evaluation indicates that hearing aids are needed, a hearing aid evaluation should be scheduled with the audiologist to discuss which hearing aid options are most appropriate. State-of-the-art digital circuitry hearing aids are available.

The cost of hearing aids includes a repair warranty with loss and damage coverage. The cost can range from $1300 to $2600 per hearing aid. Your audiologist will help you determine which hearing aid options would be appropriate and provide an exact price at the evaluation.

Surgical Implants

- **Cochlear implants**: These devices are designed for individuals with severe to profound sensorineural hearing loss who receive no benefit from hearing aids. Services include evaluation for candidacy, programming of the implant after surgery, aural rehabilitation and follow up. Cochlear implant equipment, supplies and services are available.
- **Bone Anchored Hearing prostheses**: (BAHA implants): These devices allow sound to be conducted through the bone instead of the middle ear. They are designed for individuals with conductive or mixed loss, or for single-sided deafness.

Vestibular Evaluations

Each of the following tests includes analysis and interpretation of results:

- **Videonystagmography (VNG)**: Assesses vestibular (balance) functioning, while eye movements are recorded under different stimulus conditions.
- **Platform Posturography**: Assesses a patient’s ability to make use of various visual, vestibular and somatosensory cues.

Auditory Processing Evaluations

In children, auditory processing is evaluated using a battery of behavioral tests which determine the integrity of the central auditory nervous system. Interpretation of results, counseling options and treatment recommendations are discussed with the parent or guardian.

Special Testing Services

The audiologists at the ENT and Allergy Center also provide the following specialized testing services:

- **Auditory Brainstem Response (ABR)**
  ABR is a measurement of the function of the auditory nerve in response to sound. It is a non-invasive procedure.

- **Pediatric ABR**: We offer hearing sensitivity assessment to children through the ABR test. The procedure takes place with or without mild sedation while the child is closely monitored at all times.

- **Newborn ABR**: ABR screenings are provided to our youngest patients to detect hearing loss in infants from birth to five months.