

Auditory Processing Disorder



Benefits

After the evaluation, one of the clinicians will discuss the test results with you, and will make appropriate recommendations.

Recommendations may include the following:

- Speech & language intervention
- A custom-designed hearing training program with listening strategies
- Collaborative management with patients, parents, educators and speech-language pathologists
- Usage of an assistive listening device to overcome background noise in the classroom
- Collaboration with educators to implement needed classroom modifications



DEPARTMENT of AUDIOLOGY &
SPEECH-LANGUAGE PATHOLOGY
College of Clinical and Rehabilitative Health Sciences
EAST TENNESSEE STATE UNIVERSITY

The key to treating an auditory processing disorder is accurate and careful diagnosis by an audiologist.

Contact information

To schedule an evaluation, please contact the ETSU Center for Audiology & Speech-Language Pathology

ETSU NAVE Center

1000 Jason Witten Way, Elizabethton, TN
37643(behind Elizabethton High School)

Telephone: (423) 439-4355

Fax: (423) 439-4607

Office Hours

Monday through Friday: 8:00 a.m. to 5 p.m.

Web: <http://www.etsu.edu/crhs/aslp/center>

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Auditory Processing Program



CENTER for AUDIOLOGY
& SPEECH-LANGUAGE
PATHOLOGY
EAST TENNESSEE STATE UNIVERSITY



Auditory Processing Disorder (APD)



Overview

Listening is a very complex process. The actions of the outer ear, middle ear, and inner ear send "sounds", via the auditory nerve, to the brain. The brain then interprets the auditory information; for example, it tells us that a particular sound is a dog barking or a bird singing. Auditory Processing is a medical term for listening.

A child who can hear well but who cannot understand the complex sounds, like our speech, that he or she is hearing may have Auditory Processing Disorder (APD). Some consider APD is for the hearing system as Dyslexia is for the visual system.

Some Symptoms of APD

- Difficulty understanding when listening
- Difficulty following auditory directions
- Difficulty remembering multi-step instructions
- Difficulty understanding in noisy or group situations
- Difficulty with note-taking in class
- Difficulty copying from the board
- Reading and spelling difficulties
- Short attention span and fatigues easily
- Verbal IQ lower than performance IQ



How is APD assessed?

An Audiologist evaluates the child's auditory processing skills by administering a custom battery of specialized auditory tests.

Children as young as 8 years and adults of any age can be evaluated. The main requirement is that the individual is able to understand the test directions and has the ability to concentrate for at least 20 minutes at a time during testing.

Services offered

Audiology testing may include:

- A complete hearing evaluation
- Screening questionnaire
- The test battery may include
 - Speech in noise testing
 - Speech discrimination testing
 - Dichotic listening
 - Temporal processing
- Speech & language evaluation

APD intervention may include:

- Individualized treatment plans to overcome specific auditory deficits through the use of one-on-one training or computer-assisted software programs such as Earobics[®] and LiSN & Learn[®]