

cLEAR™ Works

The cLEAR™ games are the result of almost a decade of NIH (National Institutes of Health)-funded research at Washington University in St. Louis. The cLEAR™ scientists incorporated principles of cognitive psychology, second language learning, and game design into the program's format.

Research has established the following benefits:

- cLEAR™ auditory training improves speech discrimination in people with hearing loss and teaches them to recognize one word from another (Barcroft et al., 2011; Barcroft et al., 2016; Tye-Murray et al., 2016).
- cLEAR™ auditory training improves the abilities of people with hearing loss to discriminate the speech of their spouse and reduces perceived communication difficulties (Tye-Murray et al., in press).
- cLEAR™ auditory training makes the listening process easier and reduces "perceptual effort" (Sommers et al., 2015).
- Users find the cLEAR™ games to be fun to play and would recommend them to others with hearing loss (Tye-Murray et al., 2012).

In Summary

cLEAR™ auditory training can:

- Increase your participation in social situations as you will be an active participant in conversations.
- Reduce your stress levels during routine family conversations.
- Help you feel more relaxed when you talk with people.
- Help you recognize speech better in noisy situations.
- Provide you with entertainment and learning simultaneously.
- Allow you to practice conversation in a non-judgmental environment.
- Increase your confidence in communication.

Sign up today!

Clinic Information:

clearworks4ears.com

Customized Learning: Exercises for
Aural Rehabilitation™



Are conversations becoming difficult due to hearing loss?

- Are you avoiding social situations because you miss parts of the conversation?
- Do you hear speech, but feel that it is unclear?
- Is your family concerned about your hearing?
- Are you at a point where you want to take action to make conversations easier?

If you answered "yes" to one or more of these questions, your solution may be cLEAR™.

Your audiologist will conduct a thorough communication-needs assessment and prepare a customized hearing treatment plan that is especially tailored to your listening needs. This plan may include auditory training with a program called cLEAR™.

clEAR™ can complement the benefits you receive from using new hearing aids. Alternatively, clEAR™ might provide the very first step in your hearing treatment plan if you are currently not quite ready to try hearing aids.

clEAR™ auditory training will help you reach your goal of easier conversations.

clEAR™ provides auditory training via computer games that are fun, engaging, and effective. clEAR™ exercises auditory skills that are important for you to use when following conversation, such as auditory memory and the ability to discriminate words that sound similar. Most importantly, clEAR™ can provide customized training that will help you to better understand the speech of someone you know.



How do you participate in clEAR™?

All clEAR™ games can be found on the clEAR™ website, clearworks4ears.com.



Practice differentiating between similar-sounding words in the "TreasEAR Island" game.

How do you play the clEAR™ games?

You can play the clEAR™ games on any computer with internet access. Simply pick the game you want to play by selecting a game icon on the clEAR™ website menu. As you play, you will also exercise your listening skills. For example, you might play a slot machine game that allows you to make bets based on whether or not some spoken words match photos shown in the slot machine's "windows." When the game ends, you can check your score and evaluate your performance.

Why does clEAR™ enhance the benefits provided by hearing aids?

Hearing aids make speech louder, but they do not necessarily make speech sounds less garbled. Most people with hearing loss have nerve damage that causes speech to sound distorted, even if it is loud enough to hear. clEAR™ auditory training will help you to interpret speech sounds and words, which can facilitate participation in conversations when background noise is present.

What makes clEAR™ special?

Imagine if you could receive specially tailored auditory training to better hear your spouse or grandchild. With our simple clEAR™ recording system, the important people in your life record the words and sentences that you will hear while playing the clEAR™ games. Your hearing care professional can assist you with this simple recording process. You will also have the option of training with "generic" voices stored on the clEAR™ website, which include the voices of males, females, children.

What's the best way to receive clEAR™?

While you can train on your own, many users find that they make the most progress with a clEAR Provider, who is a hearing care professional, to guide them. A clEAR Provider can also assist you with recording the speech of your friends and loved ones.



A clEAR™ subscription lasts for 3 months. After that, you can renew your subscription monthly. Your clEAR Provider will recommend that you play the games for 15 to 30 minutes at least twice a week. Many patients enjoy playing the games more often than this. Your clEAR Provider will be in contact with you during your subscription, either by telephone or by email.