

Welcome to Neosensory, a company dedicated to evidence-based, comprehensive hearing healthcare solutions developed by Stanford neuroscientists and backed by years of research. This Quick Guide resource (an abbreviated companion to the Complete Clinical Guide) includes the basic information you need to get started.

The Neosensory wristband is a life-changing bimodal solution that uses vibration for each of the modes below.

Hearing Loss

Clarify

Clarify mode increases the user's ability to understand speech by translating speech sounds into vibrations on the skin. This helps to fill in the speech understanding gaps that many patients who have poor recognition still experience with well fit amplification. It takes at least 200 hours of active speech immersion to help the brain fill in the gaps.

Target patient

Anyone who has difficulty understanding speech, especially in the presence of background noise.

When to offer

Anytime a patient identifies "speech understanding" as a main concern. It can be offered both as a stand-alone device or as an addition to traditional amplification.

Patient benefits

Studies show that patients experience improvement in speech understanding both when using the wristband alone or in conjunction with hearing aids.

Clinical benefits

Reduced time in fitting appointments, improved patient outcomes and overall satisfaction, less need for follow-up appointments and decreased returns.

Tinnitus

Duo

Duo mode vibrates on the skin in tandem with an auditory signal presented through the Neosensory app. When used for ten minutes daily, the brain learns to identify which sounds are created externally and which are created internally.

Target patient

All patients suffering from tinnitus. Duo is especially helpful for patients who have difficulty getting into the clinic, either due to distance or mobility.

When to offer

Duo should be the first tinnitus treatment you offer your patients. You can also offer it as a part of a formal tinnitus treatment plan, such as TRT or CBT.

Patient benefits

Research shows that after two months, over 9 out of 10 users report a significant improvement in their tinnitus when following the program through the app.

Clinical benefits

Duo gives you a virtually effortless, viable treatment for your patients that will reduce the number of follow-ups, increasing satisfaction for both you and the patient.

Sound Awareness

Sound Awareness mode features microphones that are constantly looking for sound in the environment, such as doorbells, alarms, and cars. Increased usage of the band increases the ability to differentiate sounds based on the unique vibrational patterns on the wrist. Over time, even name recognition is possible. There are also special modes to enjoy music and for use during sleep.

Target patient

All patients with severe-to-profound hearing loss, regardless of concurrent hearing aid or CI use. It can be worn during the day for increased alertness; and at night, while sleeping for safety reasons when they are no longer wearing their amplification devices.

When to offer

Anytime a patient has a severe-to-profound hearing loss, is a CI candidate, or voices concerns about safety or situational awareness.

Patient benefits

Improved situational awareness and safety and the ability to stay connected to the world around them 24/7.

Clinical benefits

You can improve patient outcomes and satisfaction when you offer this special patient population a revolutionary solution that improves their ability to connect to the world around them 24/7 while improving situation awareness and safety.

Helpful tips and information

Using the different modes: One of the greatest benefits about purchasing a Neosensory solution and downloading the free app is access to the other modes. The modes most often used together are Clarify for hearing loss and Duo for tinnitus.

Clarify mode and the app: The band operates in Clarify mode without the need of a smartphone.

Duo mode and the app: Duo mode requires the use of the app to access external stimuli during the 10-minute treatment sessions as well as to track progress and benefit.

Combining Duo and Clarify: We encourage Duo users to optimize outcomes by combining the use of both modes and to wear the device all day and to switch the device into Clarify mode for the remainder of the day which will give them additional sensory input to lower listening effort even without documented peripheral hearing loss.

Charging time: It takes 30 minutes to charge from 0% to 100%.

Battery life: The wristband generally lasts a full 24 hours. However, this is dependent on the mode, microphone sensitivity settings, and selected vibration intensity.

IP rating: The wristband has an IP54 rating. Patients should remove the wristband while showering or swimming and avoid dust-heavy environments like woodworking shops while wearing the band. They can, however, wear the wristband while working out or handwashing.

Warranty: Neosensory offers a 12-month warranty on all solutions.