The Benefits of Telepractice in Audiology

Audiology Telepractice Services are Feasible and Effective and Yield High Satisfaction, Treatment Adherence, and Follow-up Rates.

Audiology services delivered remotely are feasible and effective for...

### Hearing Assessment
- Otoscopy
- Immittance testing
- Audiometry
- Pure-tone screenings
- Otoacoustic emissions
- Auditory brainstem response
- Speech-in-noise testing

### Treatment and Management
- Hearing aid (HA) fitting
- HA programming and real-ear measurement
- Cochlear implant (CI) mapping
- Aural rehabilitation: Counseling and education
- Tinnitus treatments
- Ototoxic monitoring

### Individuals Across the Lifespan
- Newborns
- Infants
- Children
- Adults

People receiving audiology services via telepractice were highly satisfied and likely to follow their treatment plan.

#### Adherence To Management and Treatment Plans
- 80%–90% used their HA(s) daily following remote fitting, with mean daily use times (11 hours/day) being comparable to the mean daily use times of those who received in-person fittings.
- The use of remote HA fittings required fewer follow-up visits for experienced HA users.
- Adherence to ototoxicity monitoring is significantly higher with remote testing protocols (83.3%) than with usual in-person protocols (4.5%).

#### Satisfaction With Telepractice Services
- HA fittings provided via telepractice yielded a 91% satisfaction rate. Eighty percent of HA users indicated that remote and in-person follow-up consultations were of similar quality.
- Satisfaction rates of 85%–100% were reported following remote CI programming, with 56%–100% of people saying that they were likely to use it again or recommend it to others.
- 97%–100% of parents were satisfied with remote delivery of newborn hearing screening and follow-up services, and 90% of parents reported that it was easier to attend a telepractice appointment than to attend an in-person one.

#### Improved Follow-Up Rates
- Rates of follow-up among children who failed initial hearing screenings were 11%–22% higher with the implementation of telehealth than with in-person testing.

Learn more about telepractice and state-by-state requirements: [https://www.asha.org/practice-portal/professional-issues/telepractice/](https://www.asha.org/practice-portal/professional-issues/telepractice/)
References

References


