



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^{1, 2, 3, 4}
- Immittance testing^{3, 5, 6}
- Audiometry^{7, 8, 9, 10, 11}
- Pure-tone screenings^{3, 4, 5, 12}
- Otoacoustic emissions^{4, 5, 9, 13}
- Auditory brainstem response^{13, 14, 15}
- Speech-in-noise testing¹⁶



Treatment and Management

- Hearing aid (HA) fitting^{17, 18, 19, 20}
- HA programming and real-ear measurement^{18, 21, 22, 23}
- Cochlear implant (CI) mapping^{17, 24, 25, 26, 27, 28, 29, 30, 31}
- Aural rehabilitation: Counseling and education^{32, 33, 34}
- Tinnitus treatments^{35, 36, 37}
- Ototoxic monitoring^{38, 39, 40}



Individuals Across the Lifespan

- Newborns¹³
- Infants^{14, 15}
- Children^{3, 4, 5, 12, 24, 27, 28}
- Adults^{7, 18, 22, 23, 24, 25}

People Receiving Audiology Services via Telepractice Were Highly Satisfied and Likely to Follow Their Treatment Plan.



Adherence To Management and Treatment Plans

- **80%–90%**^{19, 23} used their HA(s) daily following remote fitting, with mean daily use times (**11 hours/day**)²² 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.⁴¹
- Adherence to ototoxicity monitoring is significantly higher with remote testing protocols (**83.3%**) than with usual in-person protocols (**4.5%**).³⁸



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.^{14, 42}



Satisfaction With Telepractice Services

- HA fittings provided via telepractice yielded a **91%**¹⁹ satisfaction rate. **Eighty percent** of HA users indicated that remote and in-person follow-up consultations were of similar quality.²³
- Satisfaction rates of **85%–100%**^{25, 29, 43} were reported following remote CI programming, with **56%–100%**^{27, 28, 29, 30, 44} 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.^{14, 15}

Additional telepractice benefits to patients

Improved Access to Care^{10, 42, 45, 46}



Reduced Costs^{26, 44}



Decreased Travel^{24, 44}



Saved Time²⁴



Learn more about telepractice and state-by-state requirements:

<https://www.asha.org/practice-portal/professional-issues/telepractice/>

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