

The profession of audiology is committed to providing auditory and vestibular care through ethical and evidence-based clinical practices that lead to optimal patient outcomes. Standard of practice documents outline basic services that audiologists are expected to include in the provision of quality healthcare. They reflect the values and priorities of the profession, providing direction for professional practice and a framework for the evaluation of practice. Standards of practice are prepared by subject matter experts, based on available evidence, peer-reviewed and subject to periodic updating.

AUDIOLOGY GENERAL PATIENT INTAKE STANDARD

1. Patient communication is conducted in a clear, empathetic manner consistent with the patient's comprehension and their health literacy level. ^{7,13}
2. Information is provided to and collected from the patient, patient's family member, or legal representative using methods required for effective communication (e.g. hand-written, electronic, oral, or signed language). ¹
3. The patient is encouraged to include communication partners (e.g., family members, significant others, companions, interpreters) throughout the visit. ⁴
4. During intake, information that is collected may include:
 - a. Demographic and contact information.
 - b. Legal and financial documents. This may include consent to treat, insurance, advance beneficiary notice, good faith estimate, HIPAA notice, release of medical information, prior authorization, or medical referral, as required.
 - c. Chief complaint, history of present illness, and current symptoms including functional impact of hearing or balance deficit.
 - d. Information related to medical and surgical history (including comorbidities), current medications, allergies, medical/specialist team members, and developmental concerns.
 - e. Indications of ear disease which may require medical referral. These may include unilateral or sudden onset hearing loss, physical deformities of the outer ear, drainage,

pain, or discomfort of the ear, unilateral or pulsatile tinnitus, dizziness, vertigo, or loss of balance.^{3,6}

- f. Social history, which may include marital status, sexual orientation and gender identity, employment history, recreational history of alcohol, drug, and tobacco use and environmental factors such as noise exposure history (military, occupational and recreational).²
 - g. History of tinnitus, including the nature, onset, and impact on patient's quality of life.^{3,5}
 - h. Indicators of fall risk.^{10,14,16}
 - i. Audiologic history (e.g. previous hearing examinations, hearing amplification devices) as available.²
5. Specialized questionnaires are completed if relevant to appointment type. These often include measures of hearing handicap, tinnitus distress, mental health, and cognitive screenings.^{8,9,11,12,15,16,17}
 6. Following collection of information, the audiologist determines the plan for evaluation.
 7. Additional information continues to be collected throughout the course of the initial appointment and subsequent visits. This is reviewed periodically.

REFERENCES

1. Allen KA, Charpentier V, Hendrickson MA, et al. (2023) Jargon be gone-patient preference in doctor communication. *Journal of Patient Experience*. Sciacca A, Meyer C, Ekberg K, Barr C, Hickson L. (2017) Exploring audiologists' language and hearing aid uptake in initial rehabilitation appointments. *American Journal of Audiology* 26(2):110-118. Bittner A, Jonietz A, Bittner J, Beickert L, Harendza S. (2015) Translating medical documents into plain language enhances communication skills in medical students - A pilot study. *Patient Education and Counseling* 98(9):1137- 1141.
2. Benson EA, Messersmith JJ. Audiologic Assessment. *Semin Hear*. 2022 Jul 26;43(2):58-65. doi: 10.1055/s-0042-1749176. PMID: 35903079; PMCID: PMC9325090.
3. Coverstone J, Whitelaw G (2017). Changing the intake process for people with tinnitus from negative to positive. *Tinnitus Today* 2017 Summer; 42:2.
4. Ellis, B. K., Singh, G., & Launer, S. (2022). Hearing Aid Adoption is Associated with the Type of Significant Other in Attendance at Hearing Care Appointments. *Trends in hearing*, 26, 23312165221131703. <https://doi.org/10.1177/23312165221131703>
5. Henry JA, Piskosz M, Norena A, Fournier P. Audiologists and Tinnitus. *Am J Audiol*. 2019 Dec 16;28(4):1059-1064. doi: 10.1044/2019_AJA-19-0070. Epub 2019 Nov 5. PMID: 31689367.

6. Klyn NAM, Kleindienst Robler S, Alfakir R, Nielsen DW, Griffith JW, Carlson DL, Lundy L, Dhar S, Zapala DA. A Retrospective Estimate of Ear Disease Detection Using the "Red Flags" in a Clinical Sample. *Ear Hear*. 2018 Sep-Oct;39(5):1035-1038. doi: 10.1097/AUD.0000000000000561. PMID: 29498954; PMCID: PMC6105532
7. Kutner M, Greenberg E, Jin Y, Paulsen C. (2006) The Health Literacy of America's Adults: Results From the 2003 National Assessment of Adult Literacy. National Center for Education Statistics.
8. Langguth B, Kreuzer PM, Kleinjung T, De Ridder D. Tinnitus: causes and clinical management. *Lancet Neurol*. 2013 Sep;12(9):920-930. doi: 10.1016/S1474-4422(13)70160-1. PMID: 23948178.
9. Lin FR et al (2023). ACHIEVE Collaborative Research Group. Hearing intervention versus health education control to reduce cognitive decline in older adults with hearing loss in the USA (ACHIEVE): a multicentre, randomised controlled trial. *Lancet*. 2023 Sep 2;402(10404):786-797. doi: 10.1016/S0140-6736(23)01406-X. Epub 2023 Jul 18. PMID: 37478886; PMCID: PMC10529382.
10. Lin FR, Ferrucci L. Hearing loss and falls among older adults in the United States. *Arch Intern Med*. 2012 Feb 27;172(4):369-71. doi: 10.1001/archinternmed.2011.728. PMID: 22371929; PMCID: PMC3518403.
11. Lin FR, Ferrucci L, An Y, Goh JO, et al. (2014) Association of hearing impairment with brain volume changes in older adults. *Neuroimage* 90:84–92.
12. Lin FR, Yaffe K, Xia J, Xue QL, et al. (2013) Hearing loss and cognitive decline in older adults. *JAMA Int Med* 173:293–299.
13. Piao, Z., Lee, H., Mun, Y. *et al*. Exploring the health literacy status of people with hearing impairment: a systematic review. *Arch Public Health* **81**, 206 (2023). <https://doi.org/10.1186/s13690-023-01216-x>
14. Rogers C. Audiologists should not fail with falls: A call to commit to prevention of falls in older adults. *S Afr J Commun Disord*. 2021 Sep 30;68(1):e1-e5. doi: 10.4102/sajcd.v68i1.841. PMID: 34636596; PMCID: PMC8517736.
15. Ruan-Ching Yu, et al. (2024). Adult-onset hearing loss and incident cognitive impairment and dementia – A systematic review and meta-analysis of cohort studies. *Ageing Research Reviews*, 98: 102346
16. Sakumura J, Gans, R. Fall Risk Management in Audiology and ENT Practice: The Role of Cognitive, Vestibular, and Auditory Function. *Hearing Review*. 2023;30(3):16-20.
17. et al. (2022). Hearing impairment is associated with cognitive decline, brain atrophy and tau pathology. *eBioMedicine* 86: 104336