

DEPARTMENT OF SPEECH, LANGUAGE, AND HEARING SCIENCES

Speech, Language, and Hearing Clinics 1131 E. Second Street PO Box 210071 Tucson, AZ 85721-0071

Main: 520-621-7070 Fax: 520-621-9901

Welcome to the University of Arizona Clinic for Adult Hearing Disorders

We look forward to seeing you during your upcoming appointment. At that time, you will have:

- 1) A comprehensive discussion about your hearing and balance and any effects these may be having on your quality of life or communication.
- 2) An evaluation of your hearing
- 3) A discussion of the test results and our recommendations for follow up.

We encourage you to bring along a "frequent communication partner," for example, a family member, close friend, who can share in the information that we provide during your appointment. As you realize if you are experiencing changes in your hearing – these can also affect those around you.



Your hearing evaluation will cost from \$50 to \$125, depending on the tests that are necessary. We encourage you to look into your insurance coverage. In most cases, this evaluation fee is not covered by insurance because either it is not a covered benefit or we are not in-network providers for most insurance. This means that you will be responsible for the cost of service at the time of your appointment.

AN IMPORTANT NOTE TO OUR MEDICARE PATIENTS

Medicare does not cover routine hearing evaluations or evaluations for the purpose of obtaining hearing aids. Medicare will sometimes cover evaluations deemed medically necessary by your physician. You are welcome to discuss this with your physician and obtain a referral, but please note that you may still be responsible for the cost of your hearing evaluation even with a referral if medical necessity is not evident from the wording of the referral.

Before you come in for your appointment, you may want to look over the website that describes our Programs for Adults with Hearing Loss: http://lwhl.arizona.edu/. You will find general information on hearing, hearing loss and technologies.

Clinical Faculty
University of Arizona Hearing Clinic

University of Arizona Comprehensive Hearing Aid and Hearing Loss Management Program

Learning how to adjust to and compensate for a hearing loss can sometimes be confusing and frustrating. Hearing aids are a very important part of this process. They make it possible for you to hear sounds that you would not hear otherwise. However, hearing aids are limited in how well they can solve ALL of your listening challenges, and they may not provide complete resolution of the problem. That's why it is so important to learn as much as possible about your own particular hearing loss and about all of the solutions available to you. At The University of Arizona Hearing Clinic, our Living WELL with Hearing Loss approach considers device selection and follow up as an important part of a more comprehensive program that is tailored for all of the needs related to your hearing loss and lifestyle needs.



What does a Living WELL with Hearing Loss approach mean to me?

From the outset, your audiology team will discuss with you your history, explore the cause of the hearing loss, discuss results and their implications and the best solutions for you. If you decide that you want to follow through with hearing aids in our clinic, then we will have an in-depth discussion with you (we encourage you to include a family member, partner or friend in these discussions) about selection of the right technology. The individual steps in that process are described more fully below. We encourage you and a family member to attend our Living with Hearing Loss classes, and these are also described below.

<u>Description of Hearing Aid Program and Philosophy:</u> In most practices, when you purchase hearing aids, the total cost includes not only the devices but also all of the services associated with them. We take a different approach that allows you to see separately the invoice cost of the hearing aid and the professional fees for all of the related services. Our pricing is comparable to most practices in the community, but we provide you with a complete description of the professional services, as described below.

Comprehensive, evidence-based device selection. There are hundreds of different models of hearing aids and a wide variety of assistive devices from various manufacturers. The market changes rapidly. Our goal is to identify the characteristics of the ideal hearing instruments FOR YOU, based on your hearing loss, various objective tests of your ability to recognize speech in different environments, and your own personal listening demands. Based on this analysis, we select a manufacturer and hearing devices that best meet your needs, and the devices are ordered from the manufacturer individually. We maintain accounts with almost all of the major hearing instrument manufacturers and select from at least five different manufacturers at any given time. We stay informed about the most current hearing aid research and keep this in mind during the discussion and selection process.

Fitting and verification. Once the hearing aids and any other technologies have been received in the clinic, you return for a hearing aid fitting appointment. We assure that the hearing aids fit your ear well physically and that the sound is set properly for your hearing loss and needs. We take a scientific approach to this process using the latest technology to make fine-tuning adjustments based on actual measurements of what you are hearing. This is done by putting a small tube inside your ear canal while the hearing aids are in your ears. There is a

substantial body of research that suggests that this approach results in the most accurate and appropriate fit possible. Because of this, we start ALL of our hearing aid fittings with these measurements.

Counseling and instruction. After the hearing aids are adjusted appropriately for your hearing loss, we then counsel you on proper use and maintenance before you leave the clinic.

Extensive follow up during initial adjustment period. A critical part of the process is assuring that the hearing aids are working the best that they can for YOUR life and in the situations that you have determined that you want to improve. During the adjustment phase, we work with you to adjust the hearing aids based on your experience and feedback. Most hearing aids have additional programs that may be added through the software, and discussions about these programs continues after the initial fitting. It is critically important that you are satisfied with the devices before the final purchase is complete. If for any reason the hearing aids that we have selected are not meeting your needs, then we may select different devices, take a different approach or conclude that the fitting of hearing aids should be deferred. Working with and adjusting to hearing aids is a process, not a one-time appointment.

Living Well with Hearing Loss Program. Even the most advanced technologies available in today's hearing aids cannot always compensate completely for a hearing loss. These educational and support groups provide an excellent opportunity to gain information and to interact with others who are experiencing similar issues.

Topics Include:

Understanding hearing and hearing loss

Interpreting the results of your hearing test (Be sure to bring along your own audiogram)

Hearing aids and other devices

Strategies for coping with difficult listening situations

Principles of speech reading

Special topics suggested by the group

An accompanying person (spouse, partner, family member) is encouraged to attend classes also. These are very successful in helping you to understand your hearing loss and to learn better coping and communication strategies. Read more about the program at: www.lwhl.arizona.edu.

All follow up necessary for as long as you own your hearing aids. You will be scheduled for regular follow up appointments every 6-12 months. This is critical to the process. As your brain adapts to hearing with your new hearing aids, adjustments can be made that will actually improve how well you hear with them. There is also routine maintenance of hearing aids that must be done periodically by a professional. During these follow up appointments we can verify that your hearing aids are functioning properly.

Routine hearing aid maintenance and troubleshooting. All hearing devices are prone to repair problems, most commonly related to earwax, sweat, body oils or moisture. We are available to assist you when these problems arise - either by making an appointment or dropping off the hearing aids in the clinic for maintenance. The clinic is open from 8:00 a.m. to 5:00 pm Monday through Friday with full closure from Christmas to New Year's Day. We have walk-in times available on most days from 11:00 a.m to noon.

YOUR COSTS:

Our Professional Fee: These fees are standard and are the same no matter your choice of hearing aid:

	Professional Fee
One Hearing Aid	\$700
Two Hearing Aids	\$1200

Cost of the Hearing Device: You will be charged the manufacturer's invoice price of the hearing aid, plus an amount to cover shipping and processing. This cost ranges from approximately \$450 to \$2100 per hearing aid, depending on the device selected.

UNIVERSITY OF ARIZONA HEARING CLINIC

Speech, Language & Hearing Sciences, 1131 E. 2nd St. Tucson, AZ 85721-0071 Phone: 621-7070

Audiology Case History – ADULT NEW PATIENT

N	AME:DATE:
D	ATE OF BIRTH: AGE:PHONE:
	DDRESS:
EN	MAIL ADDRESS:
	CCUPATION or FORMER
O	CCUPATION:
	OUSE/SIGNIFICANT OTHER'S NAME:
RI	EFERRED BY:
1.	Reason for
	visit
2.	Previous hearing tests? If yes, by whom, when and what was found?
3.	Please check if you have ever had any of the following
4.	Has anyone else in your family ever had a hearing problem? Who?
5.	Have you been away from loud sounds for at least the past 48 hours?
6.	Do you use tobacco? Yes No (Circle one)
7.	Overall, how is your health? Excellent Good Fair Poor (Circle one)

Below, please indicate <u>h</u> you are in each of these <u>fote:</u> If you already wear earing your hearing aids.	situations	•						
		How well do you hear in this situation?			How often are you in this situation?			
Listening situation	Poor	Fair	Good	Rarely	Sometimes	Often		
Quiet room (1-2 people)								
Vieetings								
Restaurants								
arge social gathering								
elevision								
Telephone								
Outdoors (i.e. wind noise)								
In the car								
Listening to music								
Listening to music Other: Other: Other: Cleaning, getting dressed If so, who helps you wit	from other d, taking c	r people	_		•	tasks		

The University of Arizona is an equal opportunity, affirmative action institution. The University prohibits discrimination in its programs and activities on the basis of race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, or gender identity and is committed to maintaining an environment free from sexual harassment and retaliation.

Name:	Date:	Date:					
Please provide us with the following i vitamin/mineral/dietary (nutritional)							
Medication	Dose	How Often	How Taken (pill, enhaler, etc)	Condition Taken For			

If you anticipate you may be a candidate for hearing aids or other devices, please answer the additional questions

NAME:	DATE:				
Please complete the following. Be as honest and precise as possible.					
Our goal is to best understand your communic expectations in order to recommend hearing s	1				
1. On a scale of 1 to 10, how well do you hearing? Mark an "x" on the line. I expect it	think a new hearing system will improve your to:				
Not be helpful at all 1					
following factors with 1 as the most importantHearing aid size and the ability of aImproved ability to hear and under	others not to see them.				
3. Do you think you prefer hearing deviceare automatic so that you do not har allow you to adjust the volume and you see fitno preference.	ve to make adjustments to them.				
4. How much would it bother you if other Mark an "x" on the line.	people could see your hearing aids?				
Not at all 15	10 Quite a lot				
5. How motivated are you to use assistive Mark an "x" on the line.	technology to hear better?				
Not very motivated 1	.510 Very motivated				
6. Do you use a smartphone? If so, what type (Apple, Android, etc.)					

7.	Have you ever worn a hearing aid?					
	Do you wear one now? (Make & model)					
	When did you first start wearing a hearing aid?					
	Has your hearing aid been satisfactory?					
	When did you purchase your present aid?					
	From whom did you purchase it?					
8.	Please look below and check any of the following that apply to you:					
	ficulty manipulating small objects Have a Pacemaker Have a landline phone ficulty hearing doorbell/alarms					
☐ In tone.	he past year experienced a major change or loss, like a retirement or death of a loved					
	ould like more info about communication tips/strategies for family and friends.					
	ould like more info about hearing loss support groups and classes.					
9.	Is there anything else you would like us to know?					

^{*}The above was partially adapted from Taylor (2012) and Thibodeau (2004). EMH/TM 2019.

University of Arizona Hearing Clinic

Self Assessment of Communication (SAC)

Nan	ne: Date:			
loss naccorduse. the sta	actions: The purpose of this form is to identify the problems a hearing may be causing you. If you have a hearing aid, please fill out the form ding to how you communicate when the hearing aids are NOT in One of the five descriptions on the right should be assigned to each of atements below. It a number from 1 to 5 next to each statement (please do not answer ses or no, and pick only one answer for each question.)	2) 3) 4)	Almost never (or never) Occasionally (about ¼ of the time) About ½ of the time Frequently (about ¾ of the time) Practically always (or always)	
(1)	Do you experience communication difficulties in situations when speaki with one other person? (at home, at work, in a social situation, with a waitress, a store clerk, with a spouse, boss, etc.)	ng	1 2 3 4 5	
(2)	Do you experience communication difficulties while watching TV and in various types of entertainment? (movies, radio, plays, night clubs, musi instruments, etc.)	cal	1 2 3 4 5	
(3)	Do you experience communication difficulties in situations when conver with a small group of several persons? (with friends or families, co-work in meetings or casual conversations, over dinner or while playing cards etc.)	ers		
(4)	Do you experience communication difficulties when you are in an unfavorable listening environment? (at a noisy party, where there is background music, when riding in an auto or bus, when someone whisp or talks from across the room, etc.)	ers	1 2 3 4 5	
(5)	How often do you experience communication difficulties in the situation where you most want to hear better? Situation		1 2 3 4 5	
(6)	Do you feel that any difficulty with hearing negatively affects or hampers your personal or social life?	\$	1 2 3 4 5	
(7)	Do you feel that any problem or difficulty with your hearing worries, ann or upsets you?	oys	1 2 3 4 5	
(8)	Do you or others seem to be concerned or annoyed that you have a hearing problem?		1 2 3 4 5	
(9)	How often does hearing loss negatively affect your enjoyment of life?		1 2 3 4 5	
(10)	If you are using a hearing aid: On an average day, how many hours did aids? Hours /16 = _		to the same of the	
Please rate what you feel is your overall satisfaction with the hearing aids. 1 ☐ not at all satisfied (0%) 2 ☐ slightly satisfied (25%) 3 ☐ moderately satisfied (50%) 4 ☐ mostly satisfied (75%) 5 ☐ very satisfied (100%)				

Department of Speech-Language and Hearing Sciences

CONSENT TO USE CLINICAL INFORMATION FOR EDUCATIONAL PURPOSES

When teaching speech-language pathology and about problems involving hearing, speaking, listed observations as well as the use of recordings and for understanding how difficulties in these areas for your permission to be observed and to use repurpose. Please check the applicable box(es)	ening, reading, or writing, live d other materials can be quite helpful affect people in real life. We are asking ecordings and materials for this		
☐I give my permission for the Department of Sp at the University of Arizona to use clinical record test results from my clinical evaluations, therapy activities offered by the department.	s including sound/video recordings and		
☐I understand that these recordings and materi be in any form (e.g., videos, sound recordings, p these materials may include classroom lectures, presentations at conferences.	paper, or electronic files). The use of		
Your name will not appear in any mater	ials or recordings in any of these cases.		
Before using your records for other than your permission by having you sign an Au Information form.	·		
☐I also understand that all recordings and mate Department of Speech, Language, and Hearing given to anyone else unless I give my permission	Sciences and will not be used by or		
Finally, I understand that I have the right to chany time. For more information about these right (626-6180) or Clinic Office (621-7070).			
☐ I DO NOT give my permission for the Department of Speech, Language, and Hearing Sciences at the University of Arizona to use clinical records including sound/video recordings and test results from my clinical evaluations, therapy sessions, research sessions or other activities offered by the department.			
Signature:	Date:		
Print Name:	DOB:		



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University of Arizona Speech, Language & Hearing Clinics Clinic Communication Preferences Consent

We are committed to maintaining your protected health information (PHI) and thus will not disclose (PHI) to anyone other than the client/patient, parent, legal guardian, or payer. We will only share detailed information about clinical findings, treatment, and status to other parties you have designated when we have a signed release of information (authorization) on file.

On occasion we need to contact you to share information related to your services in our clinic such as appointment reminders, changes to your schedule, arrival of hearing aids that you ordered, and the like. Please let us know how you would like us to contact you with this type of information. I wish to be contacted in the following manner (check all that apply):

I elephone Numbers (Please check the box next to the app	plicable field before entering the information).
Home #:	Cell #:
	If you have and call one the cause
<u>Email</u>	
Email to this address	
Email to this address	
to the risk that electronic messages can be misdirected or Clinics at the University of Arizona cannot and does not gu addition, messages sent to or received from work e-mail a we will send the minimum information necessary for the p	e-mail. This e-mail may contain private health information (PHI). Due intercepted by unintended parties, the Speech-Language & Hearing varantee the confidentiality of messages sent over the Internet. In accounts also may be monitored or viewed by your employer. Although purpose of the communication (e.g., scheduling information), we do e-mail <u>unless</u> you agree to do so, after you have considered these irming your understanding of this risk.
This consent will remain in effect until I revoke i	it in writing.
Print name/relationship if applicable	



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Acknowledgement of Health Information Practices

The University of Arizona Speech-Language and Hearing Clinics are committed to protecting their clients and patient's health information. By signing below, I acknowledge that I have received the Notice of Health Information Practices.

I consent to the release of my health information to be used for the treatment, payment and health care operations of the University of Arizona Speech-Language and Hearing Clinics. I understand that if I pay for my services in cash, I have the right to request that my medical records are not sent to my medical insurance company.

Print Client/Patient Name	
Signature of Client/Patient/Parent or Guardian	 Date
I understand that the University of Arizona Speech, L department is in part a research institute. Clinical rec investigate candidacy for research projects. I may be research projects in which I might be interested in pa under no obligation to be involved in research. My ch research will in no way affect my clinical care.	cords are reviewed on occasion to e contacted by mail regarding articipating. I understand that I am
Please do not contact me regarding information currently being offered by the Department of Speech	



Tobacco Use and Hearing and Balance Disorders

What Patients Need to Know

Recent data from the Centers for Disease Control (CDC) report that 17.8% of American adults (age 18 or older) smoke. This translates into an estimated 42.1 million adults in the US alone.

Cigarette smoking is the leading cause of preventable disease, responsible for 480,000 deaths a year (approximately 1/5).

Smoking increases the risk of:

- · Coronary heart disease
- Stroke
- · Cancer, including but not limited to:
 - o Lung
 - o Stomach
 - o Leukemia
 - o Bladder, kidney, cervix, colon
 - Kidney, liver, pancreas
 - o Esophagus, trachea, larynx, throat, tongue

Smoking has been correlated to hearing loss, especially when combined with noise exposure.

To Quit Tobacco Use:

The AQC recommends discussing all treatment options for smoking and/or tobacco cessation with your physician. Some possible treatment recommendations from a physician may include:

- · Individual or group counseling.
- Behavioral therapies
- Medications for quitting that have been found to be effective include the following:
 - Nicotine replacement products
 - Over-the-counter
 - Prescription
 - o Prescription non-nicotine medications

Helpful Resources

- · Quitline Services
 - o Call <u>1-800-QUIT-NOW</u> (1-800-784-8669) if you want help quitting. This is a free telephone support service that can help people who want to stop smoking or using tobacco.
- Smokefree.gov
 - o http://smokefree.gov
- American Cancer Society
 - http://www.cancer.org/healthy/stayawayfromtobacco/guidetoquittingsmoking/guide-to-quittingsmoking-toc
- American Lung Association
 - o Call 1-800-LUNGUSA
 - o http://www.lung.org/stop-smoking/