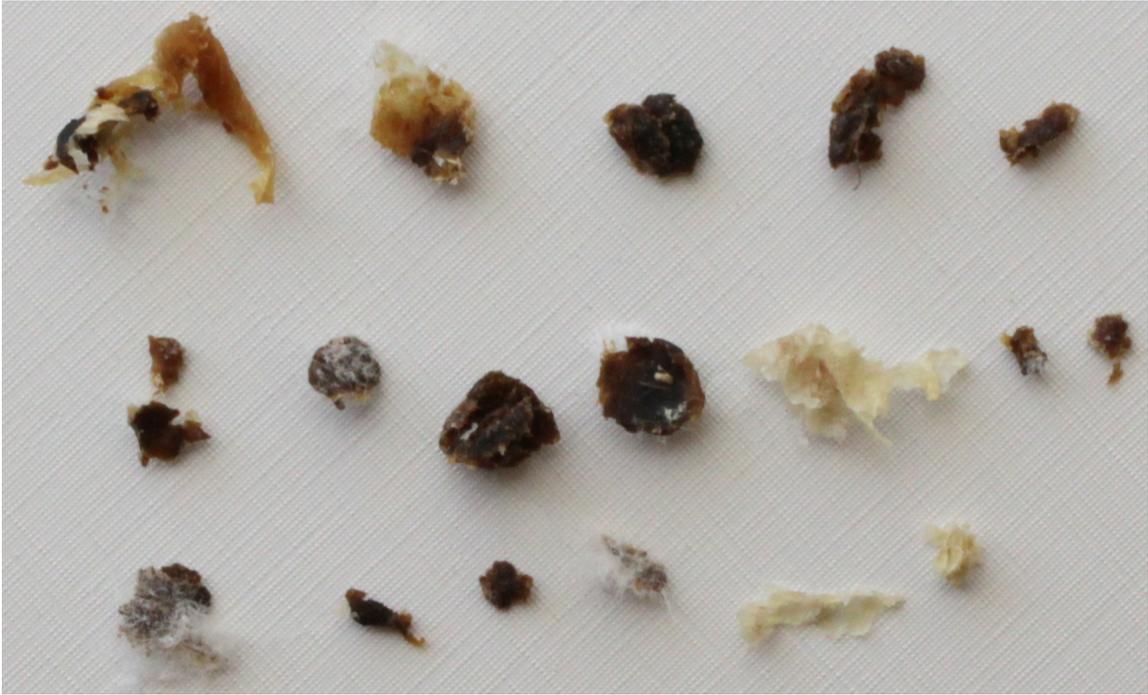


## Earwax Blockage and Removal



Crumbs of earwax taken out from a left ear clogged on 4/7/2023 (Dark ones are wet. White ones are dry.)



Crumbs of earwax accumulated (6/23/2023)



Crumbs of earwax (6/7/2024), Wow!



Removal tools & Earwax removal drops



Worthless

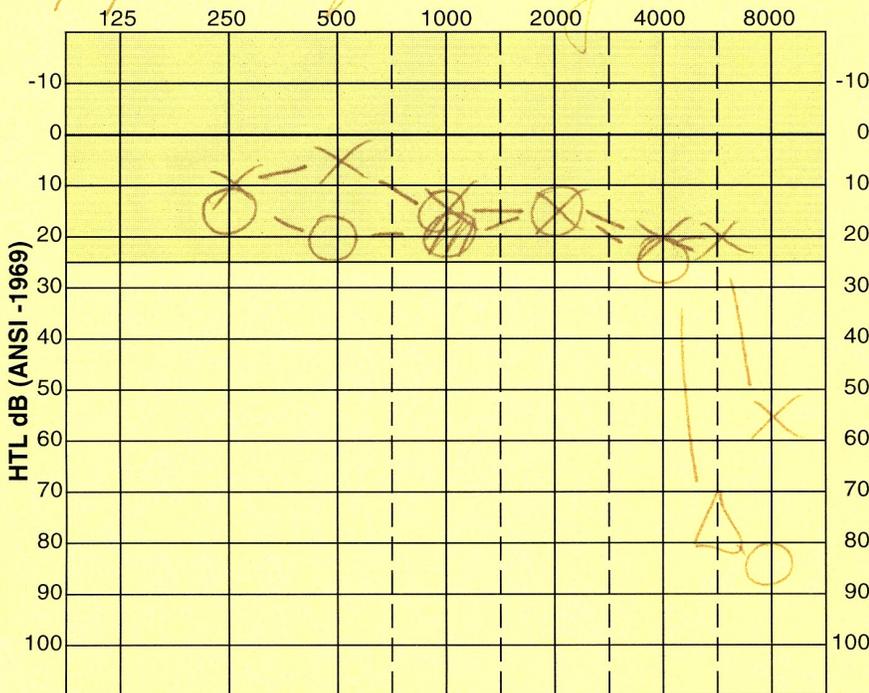
# AUDIOLOGICAL EVALUATION

ADDRESS (NO., STREET) \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
 (CITY) \_\_\_\_\_ REFERRED BY \_\_\_\_\_  
 DATE 8/8/14 TESTED BY Keeling

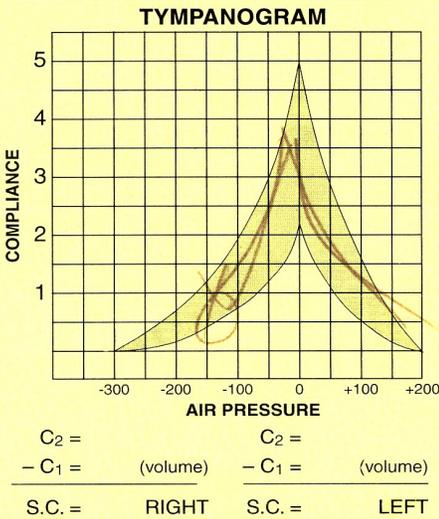
Name: OGUCHI, TETSUJI



IMPRINT AREA



STAPEDIAL REFLEXES		500	1000	2000	4000
RIGHT Stimulus Ear	CONTRA				
	IPSI				
LEFT Stimulus Ear	CONTRA				
	IPSI				
REFLEX DECAY	Stimulus R			CONTRA <input type="checkbox"/> IPSI <input type="checkbox"/>	
	Stimulus L			(_____ sec. stimulus)	



AUDIOMETER: \_\_\_\_\_

03780-16 (7-98)

LEGEND		RIGHT	LEFT
AIR CONDUCTION	.....	(AD) O	(AS) X
MASKED AIR CONDUCTION	.....	△	□
BONE CONDUCTION	.....	<	>
MASKED BONE CONDUCTION	.....	[	]
<b>Note:</b> AN "↓" ATTACHED TO THE ABOVE SYMBOLS INDICATES NO RESPONSE			
COULD NOT EVALUATE	.....	CNE	
DID NOT TEST	.....	DNT	
SOUND FIELD	.....	SF	
NARROW BAND NOISE	.....	NBN	
NO RESPONSE	.....	NR	
BOTH EARS	.....	AU	

**SPEECH DETECTION**  **THRESHOLD**  
**RECEPTION**   
 R 20  
 L 15  
 S \_\_\_\_\_

**SPEECH DISCRIMINATION**  
 R 90 % at 60 dBHL  
 L 90 % at 55 dBHL  
 R \_\_\_\_\_ % at \_\_\_\_\_ dBHL  
 L \_\_\_\_\_ % at \_\_\_\_\_ dBHL

MCL R \_\_\_\_\_ L \_\_\_\_\_ dBHL  
 UCL R \_\_\_\_\_ L \_\_\_\_\_ dBHL  
 OTOSCOPIC: \_\_\_\_\_  
 TECHNIQUE: \_\_\_\_\_  
 RELIABILITY: \_\_\_\_\_

RESULTS SUMMARY:  
⊗ = actual threshold ⊗

It is known that my right ear is weaker than left ear because I was hit right-hand side body by traffic accident occurred 50 years ago (3 months severe injury of right scapula fracture getting 42 stitches; "Man's emblem"). Aging is an additional cause.

Evaluate audiological performance yourself by listening to this [sine wave MP4 file](#) with numerical sound frequency (20Hz to 16,000Hz) display by stereo headphone and/or stereo bone conduction headphone. Compare the evaluation result between the two if you can.

My present result was similar to "AUDIOLOGICAL EVALUATION" took 10 years ago (see previous page).

From 3,500Hz, the sound starts deflecting from center to left and right ear gets no sound at 6,000Hz. Then, left ear loses sound at 7,500Hz. In this approach, the sound volume is fixed (stably the same). The sound volume (shown as HTL(Hearing Test Level) dB(Decibel)) is boosted up to get hearing limitation more precisely at professional evaluation shown at previous page.

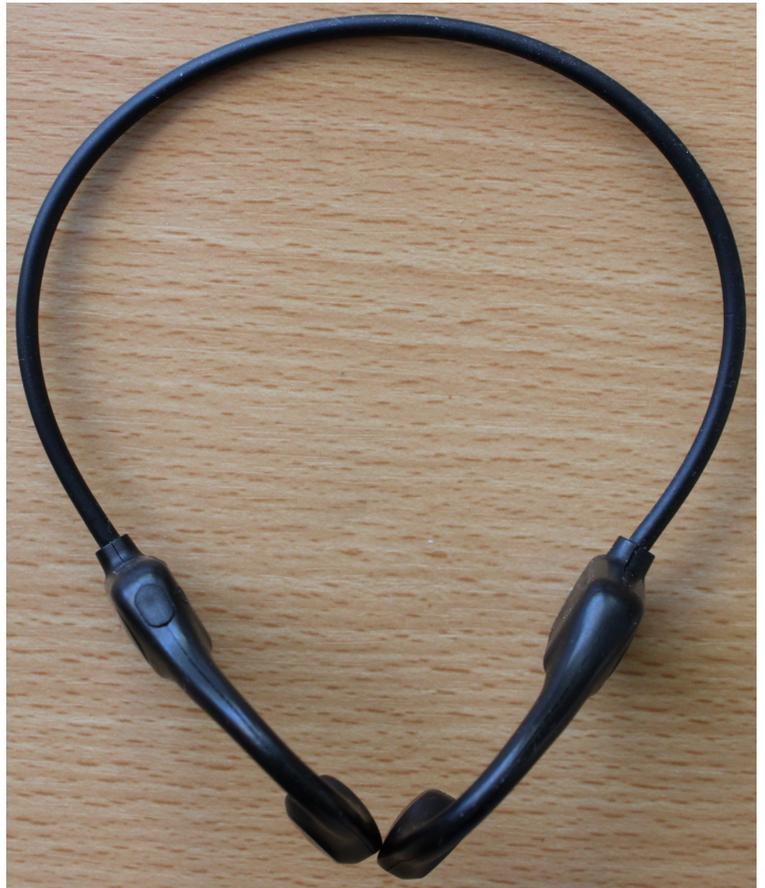
I got an excellent test taker, my wife, to evaluate this way.

She was able to recognize up to 9,500Hz for both ears, much wider range than mine as I was perceiving such difference in daily life. She can hear a certain noise but I cannot, and so forth. I do not mind because I like to live in a calm life.

I applied this way when I got earwax blockage in left ear. At the moment, audiological performance of my normally better left ear became worse than normally weak right ear. That became a big worry but after removing the blockage by using removal tools, it returned to normal (better left ear and weaker right ear).



Stereo headphone with audio jack



Bone conduction stereo headphone with Bluetooth