

HEARING SOLUTIONS SIG

Sun City Texas Computer Club

October 11, 2018

***Importance of
Real Ear
Measurement***

***To properly fit
Hearing Aids***

**Watch
Dr. Cliff Olson's video**

<https://www.youtube.com/watch?v=cHR00a6l-wY>

**Or search “Dr Cliff Olson
The Most Important . . . “**

Importance of
Real Ear
Measurement

To properly fit
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Questions Answered
By

Dr. Jerry
Kupperman

Purpose of our Hearing Solutions SIG

“Members are invited to exchange their experiences and knowledge of Hearing Solutions so others can become more informed about this life changing experience.”

Become more aware of hearing loss and available solutions. We urge Members to share experiences of successes and disappointments & are reminded of the importance of not giving up on the search for improved hearing.

The background is a soft, misty landscape with teal and light blue tones. It features rolling hills or mountains in the distance, partially obscured by a light fog or mist. In the foreground, there is a calm body of water, likely a lake, which reflects the surrounding landscape. The overall atmosphere is serene and quiet. The text "Story Time" is centered in the middle of the image in a dark teal, elegant script font.

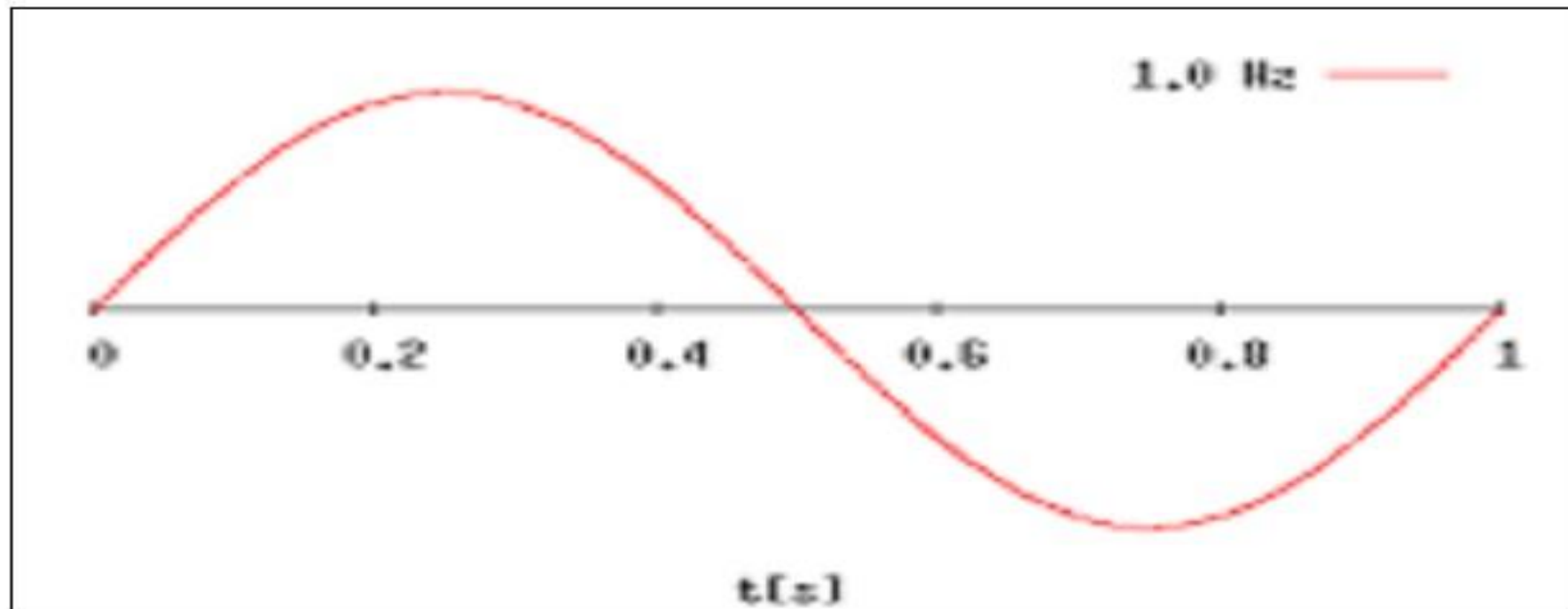
Story Time



Some basics on Hearing Aids
and why
CIC (completely in canal) Aids
work best for me

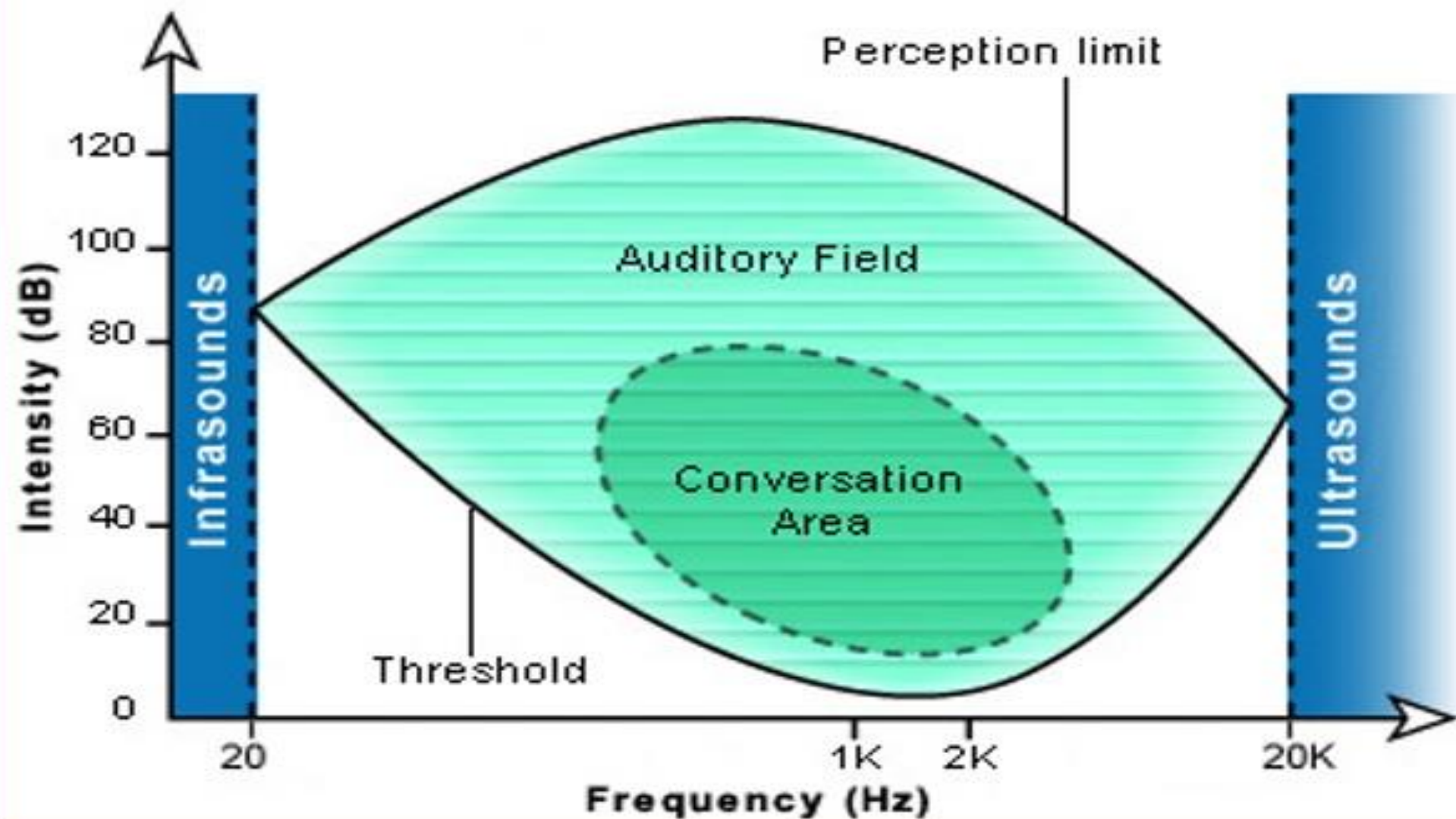
Ed Quillen

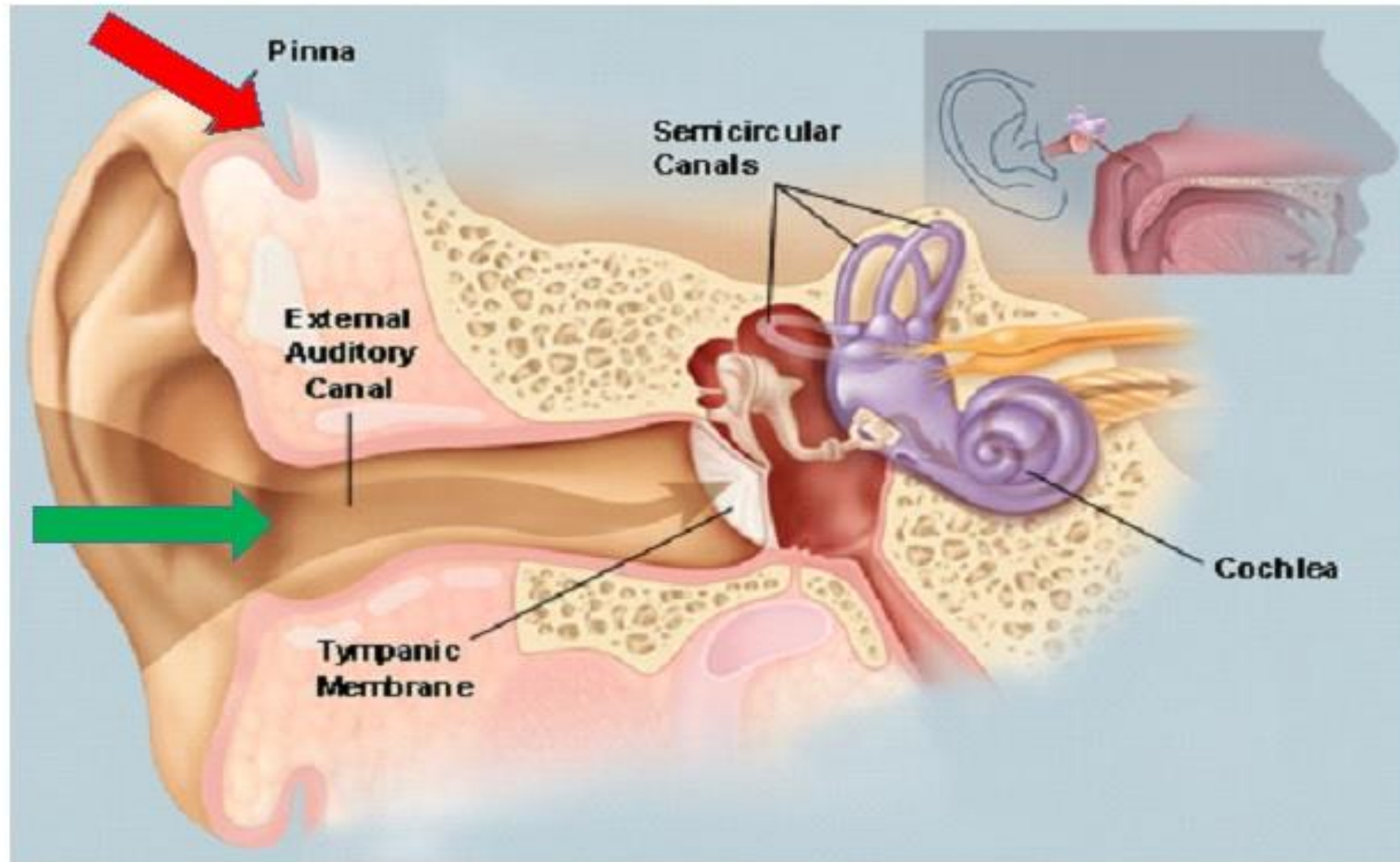
One hertz simply means "**one cycle per second**" (typically that which is being counted is a complete cycle); **100 Hz** means "one hundred cycles per second", and so on. The unit may be applied to any periodic event—for example, a clock might be said to tick at **1 Hz**, or a human heart might be said to beat at 1.2 Hz.



One Cycle per Second = One Hertz

HUMAN AUDITORY FIELD: FREQUENCY-INTENSITY CURVES

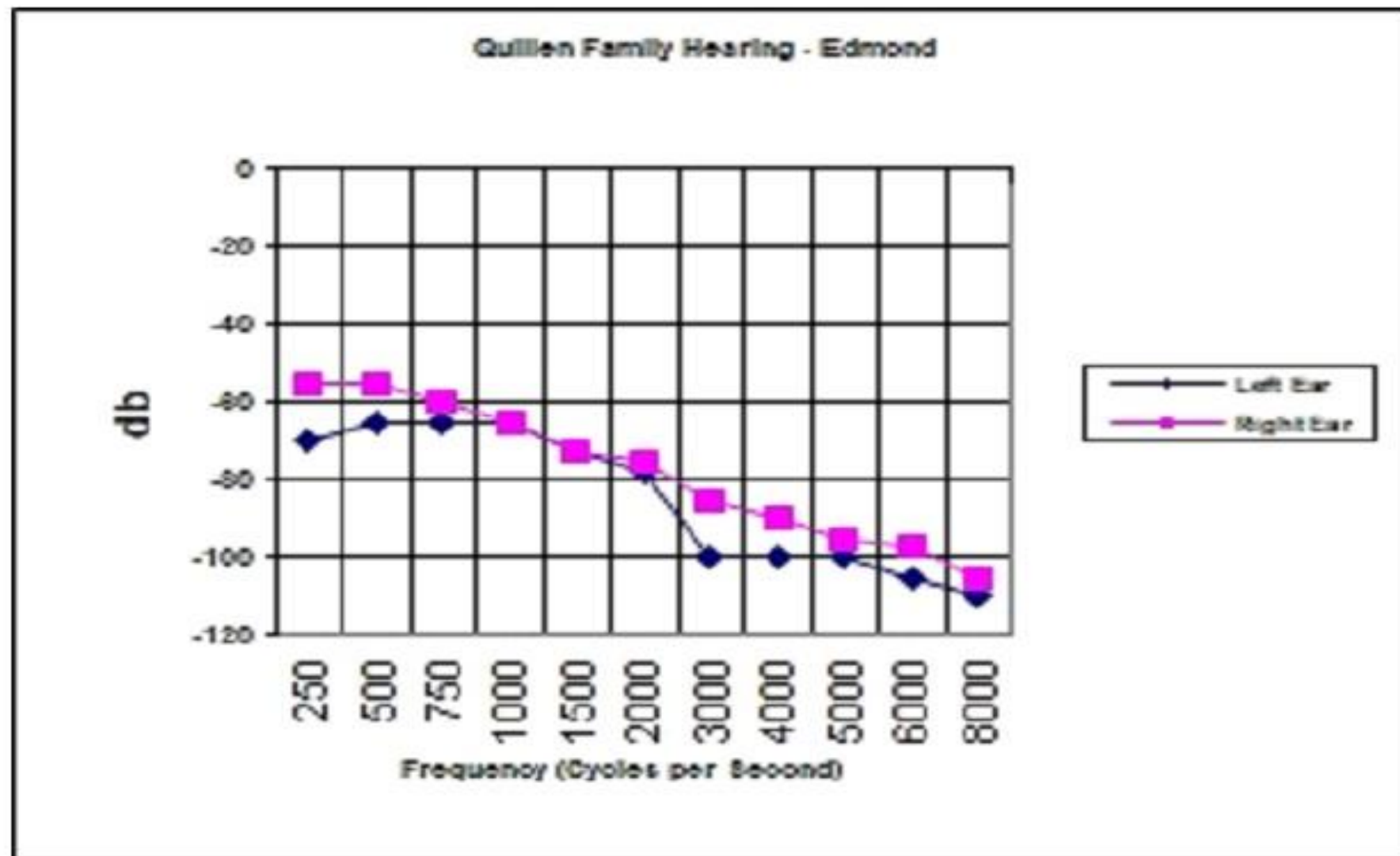




**Microphone Location – Where Should it Be Located
To Be Most Effective Sound Input – In the Canal or BTE?**



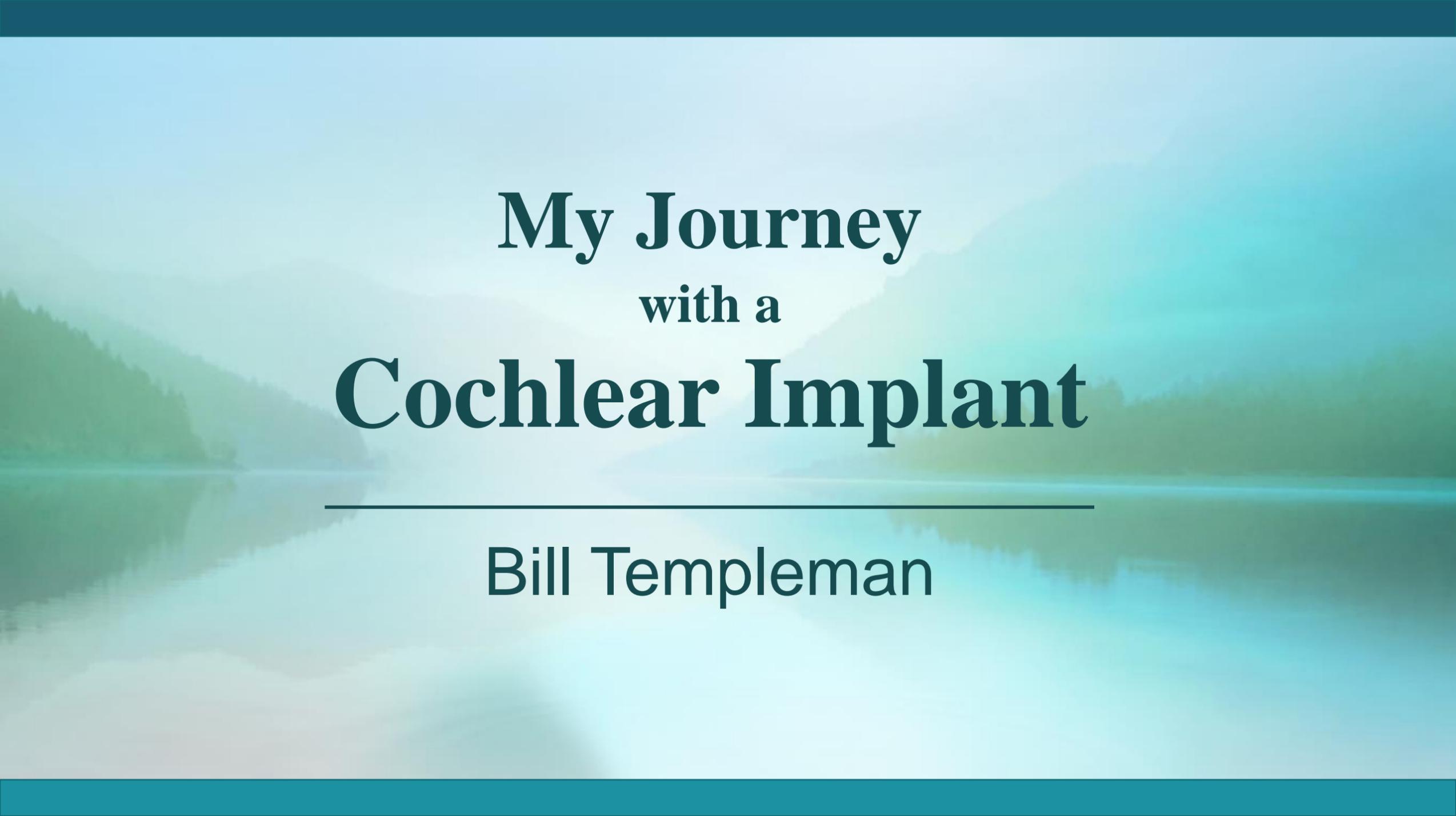
**Two of Three “Generations” of CIC (Completely in Canal) Aids
User: Edmond Quillen, SIG Member**



**2014 Hearing Test Audiogram Converted to Excel Chart
Illustrating Profound Hearing Loss**



**An essential Tool for Hearing Aids maintenance
Third Generation Dr Mom Slimline Stainless LED Pocket Otoscope
(Available from Amazon)**



My Journey
with a
Cochlear Implant

Bill Templeman

Bill Templeman has suffered from hearing loss, which has gradually declined for 35 years. About 3 ½ years ago, his loss lead him to consider the evaluation process for a cochlear implant. The clarity of sound and speech was declining, and he particularly missed his enjoyment of Bluegrass music.

He was evaluated by Dr. James Kemper, an ENT-Otolaryngologist in Austin. “I believe selection of an experienced and qualified surgeon & audiologist is a MUST”, said Bill. After testing and conferences, the surgery was performed, which surgically placed the implant underneath the skin attached to an electrode inserted in the cochlea. After several weeks, the external sound processor was attached. The miracle of sound returned to his deaf ear.

The highly trained audiologist took the reins. Only mild imbalance episodes occurred, as he began training his brain to process the sounds he was now hearing. He used the Internet version of Angel Sound, which is an easy program to navigate, under the direction of his cochlear audiologist with occasional tweaking & adjustments to the program. The program is easy in the beginning but progresses to more difficult listening situations.

Bill does wear a normal-type hearing aid in his non-cochlear ear, provided by Dr. Jill Davis. His hearing has been restored to 85-95%, and he is enjoying Bluegrass music again. A tremendous Success Story.



Searching & Comparing New Hearing Aids

Nelda McQuary

*I have worn hearing aids for about 15 years;
these are the steps I followed in my search for new aids*

Features:

I listed the features that are important to me – T-coil (of course), music quality, rechargeable if possible, connectivity with Android phone; reduce surrounding sounds in a restaurant or group settings.

Use this site & scroll down to “*Features you should consider. . . .*”

<https://www.hearingtracker.com/hearing-aids/compare>

Provider:

You must have a special relationship with your provider & know they want the very best for you. Someone said last week, “I just didn’t like the person.” Time to check a different provider.

After lots of research about the aids I wanted to try, I asked Dr. Jill Davis to fit me with the new Widex Evoke 440 Fusion. But the search wasn’t finished.

Compare:

I began comparing features of the Evokes with other manufacturers by using this same web site - Compare Hearing Aids -

<https://www.hearingtracker.com/hearing-aids/compare>

I compared the Widex Evoke with 4 other (Phonak, Oticon, Starkey, ReSound) manufacturers – one at a time with the Evokes' After about 6 weeks, felt confident the Widex were the best for me.

Results:

I can control sound & programs from my Android without wearing an intermediary device.

There is no single Provider or Hearing Aid that is the best for everyone with a hearing loss. Consider these steps as you discover the best hearing aids for YOU.

The background of the slide is a soft, misty landscape. It features rolling hills and mountains in shades of teal and light blue. In the foreground, there is a calm body of water, likely a lake, which reflects the surrounding scenery. The overall atmosphere is serene and ethereal. The title text is centered in the upper half of the image.

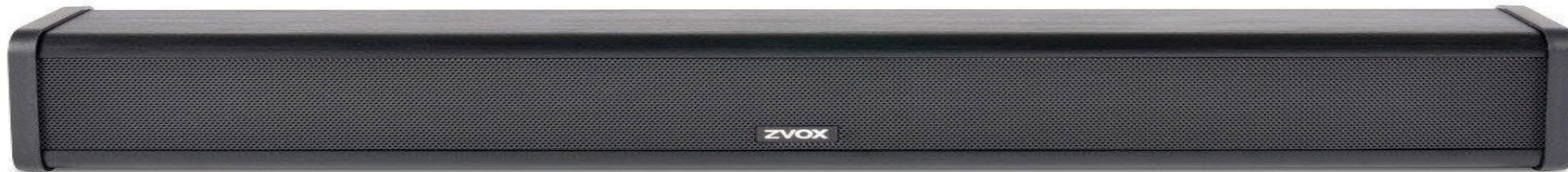
Hearing Enhancements

Louise Smith

ACCUVOICE AV200 by Zvox

Sound Bar TV Speaker with Hearing Aid Technology

<https://zvox.com/products/accuvoice-tv-speaker>



Bellman Personal Hearing System

is designed both for non-hearing instrument users and hearing instrument users (with "T" position)
For loan to members.



NEXT MEETING

“Newest Hearing Aid Technology”

November 8, 2018 – 10:00 a.m.

Info – Contact Nelda McQuary
mcquary@suddenlink.net