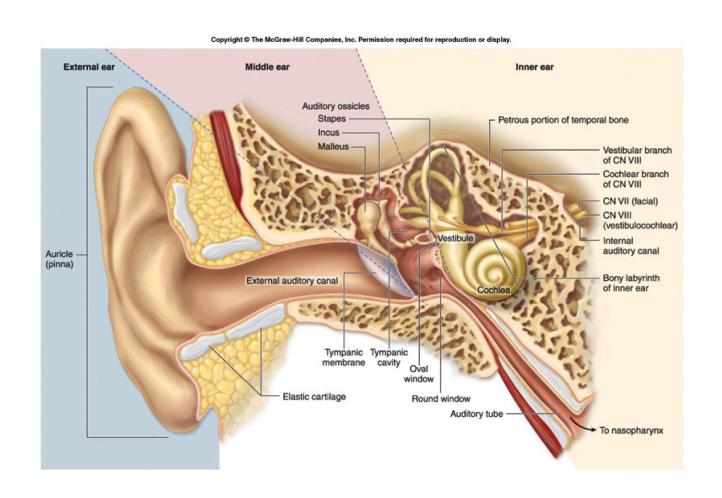


Hearing loss, Hearing Aids and Assistive Listening Devices

⁺ How we hear





Types of Hearing Loss

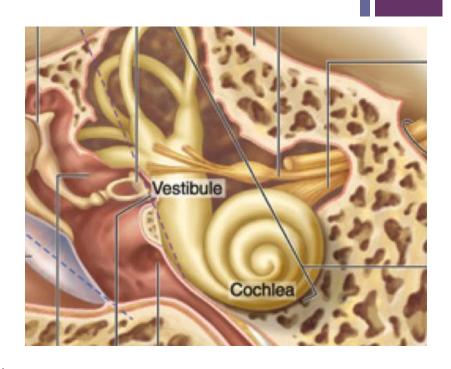
Sensorineural

- Genetics/Family History
- Noise Exposure
- Head Trauma
- Ototoxicity

Antibiotics (gentamicin)

Chemotherapy treatments (cisplatin)

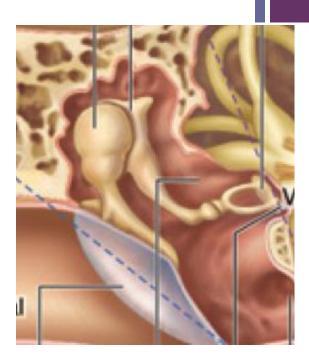
Poisons (mercury & lead)



⁺ Types of Hearing Loss

- Conductive hearing loss
 - Ear infections
 - Eustachian tube dysfunction
 - Impacted cerumen
 - Eardrum damage

Mixed hearing loss



Five Sound Reasons to Promote Better Hearing

ONE: Many People with Hearing Loss are Already in the Workforce

- Increase in adult hearing loss at younger ages (20's and 30's)
- 10% full-time employees have diagnosed hearing loss
- 30% full-time employees suspect a problem

TWO: Treating Hearing Loss Can Enhance Worker Performance

- improved communication
- improved social interactions
- improved self confidence



Three: Hearing Loss Does Not PAY!

Hearing loss can be Hazardous

More workplace Injuries

Hearing loss may lead to depression

Fatigue and Less Productive

More sick days

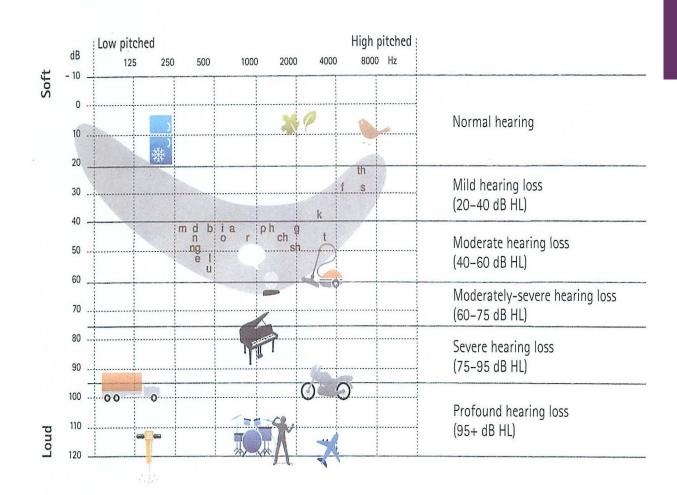
FOUR:

Hearing Loss is Linked to other Health Issues

FIVE:

Hearing Aids are Better than Ever!

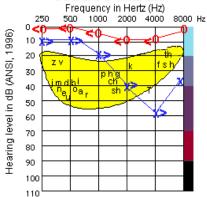
+ Audiogram



+

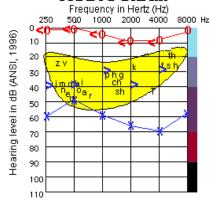
Types of Hearing Loss





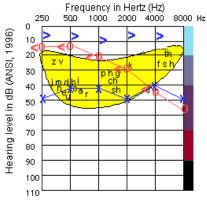
Normal sloping to moderate sensorineural hearing loss in the left ear.

AUDIOGRAM



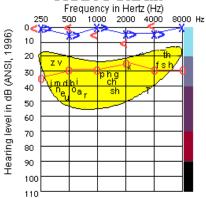
Moderate mixed hearing loss for the left ear.

AUDIOGRAM



Moderate *conductive* hearing loss in the left ear. Normal sloping to moderate *sensorineural* hearing loss in the right ear.

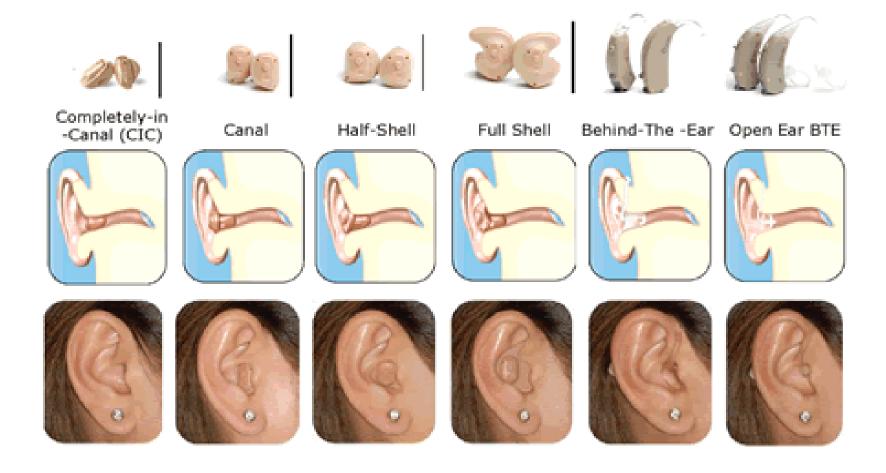
AUDIOGRAM



Mild to moderate conductive hearing loss in the right ear

+

Hearing Aid Styles



+ FM Systems





* Considerations...

■ Style & Level of Technology

Style & Level of Technology

■ Features: Bluetooth Connectivity, Remote Mic

■ Ease of Use: Fully Automatic

■ Cost