# **AUDIOLOGY PRESENTATION**

What We Do

- Hearing Evaluations
- Remove Earwax
- Refer to Physicians for Medical Treatment When
- Refer to Speech-Language Pathologists for Aural Rehabilitation
- **Aural Rehabilitation**
- Teaching patients with hearing loss ways to overcome communication problems
  Assistive Listening Devices
- Facilitate better communication with family/staff

#### Hearing Loss And Aging

- Age related hearing loss is the 3<sup>rd</sup> most common health problem in aging population
- Behind Cardiovascular Disease and Arthritis

When do I Refer?

3

#### If A Resident...

- Has a hearing aid
- Listens to TV or Radio at high volume level
- Frequently says "What" or "Huh"
- Answers questions inappropriately
- Turns his head to "better ear"
- Cups hand over ear when listening
- Talks in an unnaturally loud voice...

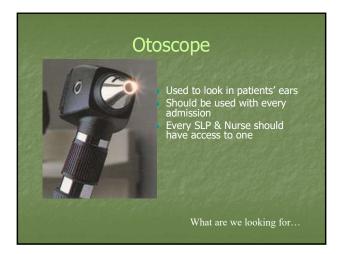
If A Resident...

- Frequently misunderstands what is said
- Does not respond to what you say
- Is withdrawn and does not participate
- Has abnormal otoscopic findings

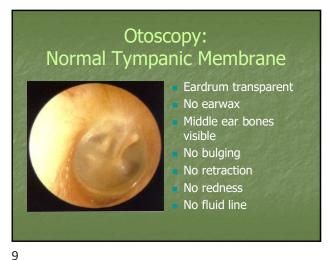
Then He/She is a candidate for a hearing evaluation & possible aural rehabilitation!

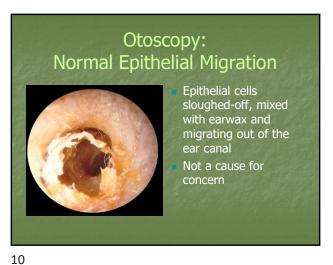
5 6

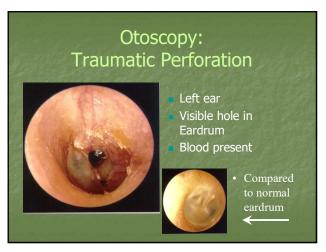
Also refer when you see abnormalities in a patient's ear canal...



7

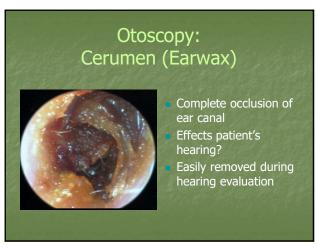


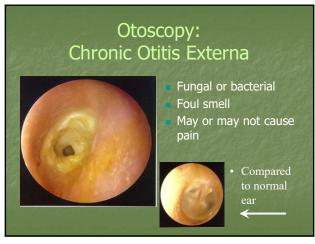


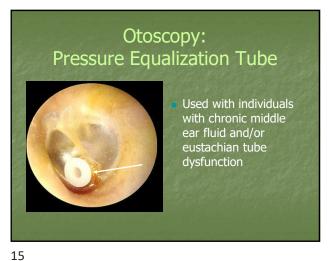


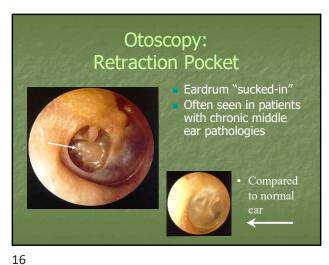


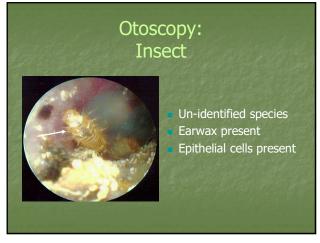
12 11

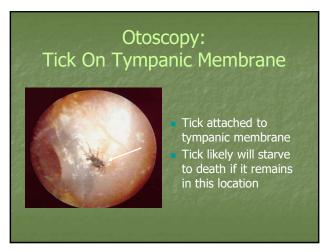


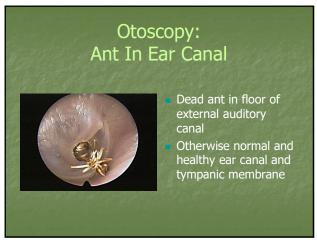


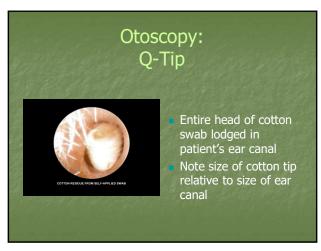






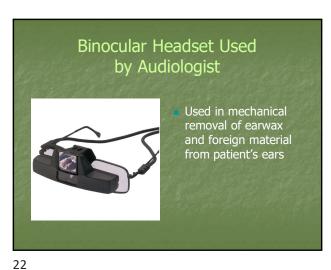




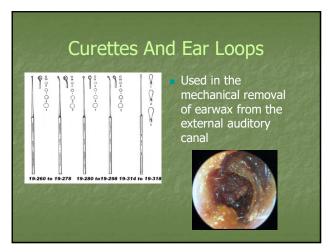


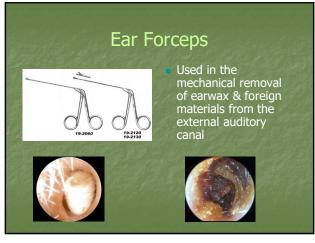
19 20





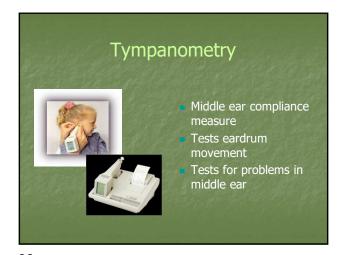
21





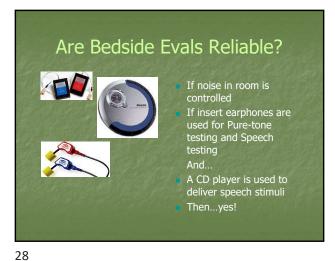
23 24





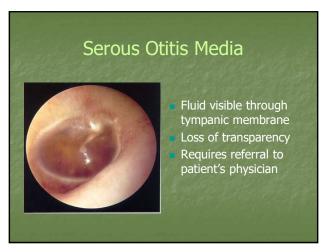
25 26





27

Some findings require the audiologist to refer to the Patient's Physician...



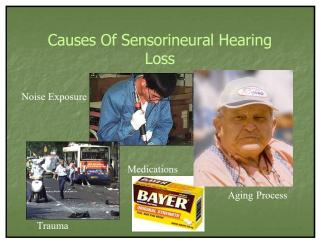
29 30



Most hearing loss diagnoses are

Sensorineural (Inner Ear)
and are permanent
(Not Medically-Treatable)

31 32



## What Next? We Have Identified The Hearing Loss...

- Conductive-medical intervention
- Mixed-medical intervention plus amplification
- Sensorineural-amplification & aural rehabilitation, possible physician's referral (Acoustic Schwannoma, etc), possible referral for genetic testing, possible referral for cochlear implant evaluation, etc
- Aural Rehabilitation

34

33

#### Goals of Aural Rehab Therapy

- Rule-out medically-treatable ear pathologies as the cause for a resident's communication difficulties.
- Remove earwax and/or other foreign material from our patient's ears to provide immediate communication improvement.
- Determine Type and Degree of patient's hearing loss.

#### Aural Rehab Consists Of:

- Helping patient's understand their hearing loss.
- Helping family members and healthcare providers understand and cope with a patient's hearing loss.
- Teaching patients to learn to "listen" again.
- Teaching patients to use visual clues for improved communication.

35 36

#### Aural Rehab Consists Of:

- Teaching patients how to manage background noise.
- Teaching patients repair strategies: Repetition, Re-phrasing, etc.
- Teaching patients how to effectively use ALDs when appropriate

37 38

### Turbo Ear •Inexpensive •Works well for Mild to Moderate Hearing · Adjustable Volume • Built In Light Indicator 🗆 • Uses 1 AAA Battery • About 25 - 30 Hours ??? • Small Size 2.75"x 1.75"x .75"

39



Williams Sound PockeTalker Pro
• Amplifies sound for better speech understanding • Great for *more severe* hearing losses • Adjustable tone and volume control • 100 hours of battery life • 5 year warranty ·Crisp & clear sound quality •Virtually no distortion even at higher volume levels •Less expensive than hearing aids

PockeTalker Headset Options Monaural Earbuds Binaural Earbuds Monaural Clip-On

41 42

7



- Although ALDs can be an integral part of AR therapy, AR therapy CAN be provided without the use of ALDs.
- ALDs play an important supporting role in any AR program; however, ALDs are only one component of a comprehensive AR program, not the primary goal.

#### Doing Your Part

- Refer Patients Who:
  - -Frequently ask you to repeat what was said,
  - -Act confused when spoken with,
  - -Give inappropriate responses to questions,
  - -Play their television too loudly
  - -Have history of hearing aid use.
- Encourage Use of the Audiology Referral Tool
- Encourage close attention to hearing on MDS form

43 44

- Has a hearing aid
- Listens to TV or Radio at high volume level
- Frequently says "What" or "Huh"
- Answers questions inappropriately
- Turns his head to "better ear"
- Cups hand over ear when listening
- Talks in an unnaturally loud voice...
- Frequently misunderstands what is said
- Does not respond to what you say
- Is withdrawn and does not participate

Referral Exercise

- Take out your sheet of paper numbered 1-10
- Mentally visualize yourself walking down your hall
- Walk in each patient's room
- Record the names of each patient who:

Please turn-in your list of names

Thank You for Attending!