Presentation developed by:Gwen Severance, AuD & Patty Klein, AuD

What you need to know about student's hearing technology for classroom listening

battery door audioshoe ? soundfield system



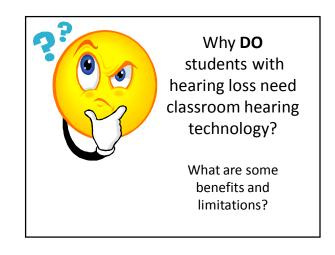
tran^{smitter}? desktop system Ling sounds

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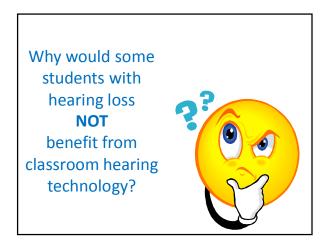
There's A LOT to cover!

- Types of Equipment we have to offer our students
- Listening checks why and how to do them
- Troubleshooting Equipment
- Miscellaneous questions answered



Children with Hearing Loss Need ...hearing technology (personal or speaker systems)

- Any child in ANY situation with background noise
- Any child in ANY group situation
- Any child in ANY situation where they are receiving new information
- Any child in ANY situation where the speaker moves around the room
- Any child who has ANY distortion in their hearing
- Any child with a poorly developed language structure
- Any child who is listening in their second language



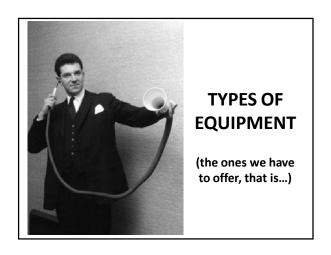
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"Kid reasons," not hearing reasons

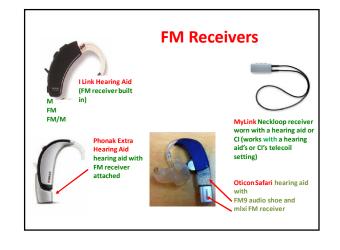
- Student refuses to wear hearing aids so an ear-level personal FM cannot be used
- History of "losing" or purposely damaging hearing devices



- Lack of tolerance to wearing equipment (autism spectrum, cognitive delay, etc)
- Student excels academically with hearing aids alone and refuses to use an FM system
- Systems challenges for sound field FM or using a desktop system in secondary school







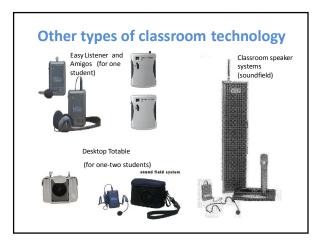




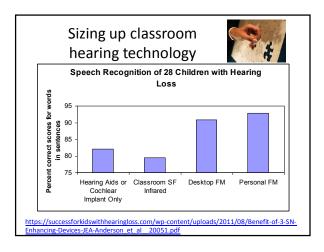












Distance from the teacher's mouth to the student's ear makes a big difference!

• The farther the student is from the desired speaker the more noise and reverberation will interfere with speech understanding.



So, if your student shows up with his first pair of hearing aids, or gets new hearing aids......

What's the first question that should cross your mind?....

Would FM work for this student?



And,

Do I need to request anything different from the audiologists?



Why bother?

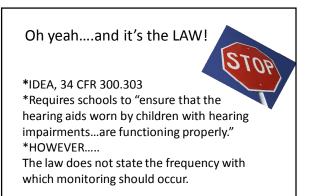
• Ensure that the speech signal the child is receiving is clear



•Alert you to malfunctioning equipment

•Properly functioning amplification is essential to the success of any student with hearing loss!

Access denied is opportunity denied!



MIX Re





Hearing Aid / FM Quick Check Each Morning

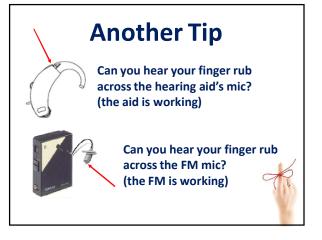
- The easiest, *quickest* way to check the equipment... ...listen to the hearing aid with the earmold, the audioshoe and FM receiver (little cube with the 3 prongs) attached to it.
- Leave the transmitter(teacher's mic) turned off for this step

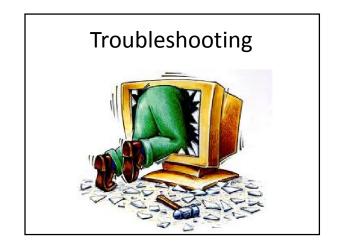
Can you hear your voice when the FM mic is turned off? (if so, the aid is working)
Can you hear your finger rub when the FM mic is turned on? (the FM is working)

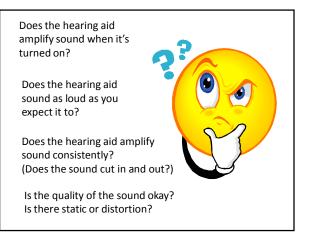
(if no sound... change the battery... <u>the battery</u> may be powerful enough to run the hearing aid but not powerful enough to run the hearing aid AND the <u>FM</u>

Say the Ling six sounds... oo, aw, ee, sh, s, m

 Do they sound clear?
 You're done!







Does the hearing aid amplify sound when it's turned on?

lf not –



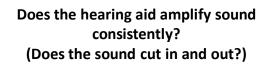
- Make sure it's in the "on" positionCheck/Change the battery
- Look for blockage in the earmold or tubing

Does the hearing aid sound as loud as you expect it to?

If not –



Check/Change the battery
Look for blockage in the earmold or tubing
Listen to the hearing aid without the earmold

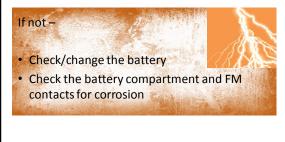


If not –



- Check/change the battery
- Check the battery compartment and FM contacts for corrosion

Is the quality of the sound okay? Is there static or distortion?



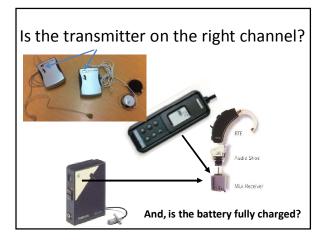
Listen to the hearing aid as you say the Ling sounds (ah, ee, oo, mm, sh, s) Do the they sound clea

If not –

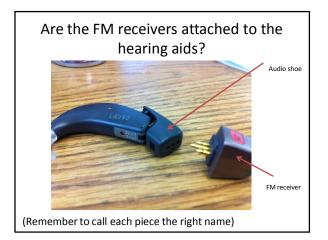


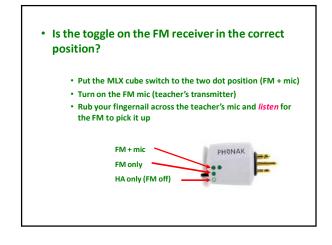
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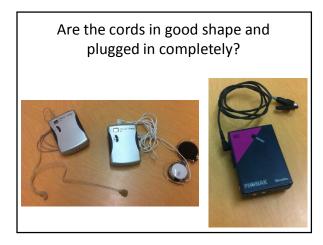














Thanks to Gwen Severance, AuD & Patty Klein, AuD for developing this presentation and sharing it with others!

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