LISTEN FROM EAR TO EAR

TIPS OF THE MONTH

November/December

Issue XIII

NEWBORN HEARING SCREENING PROGRAM

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Children Hear Better with FM Systems

Do you work with a child who has hearing aids or a cochlear implant? If so, it is important to know about FM Systems.

What is a FM?

- Terms Defined:
  - FM - Frequency Modulated System
  - Traditional FM - Raises level of speech signal equally across the board
  - Dynamic FM - Always analyzing what is happening in the room
- Wireless system designed to improve speech understanding in noisy situations and at distances of up to 50 feet.
- Improves Signal-to-Noise Ratio (SNR) by 10dB reducing effects of distance, noise, and reverberation.
- Can be used with hearing aids or without hearing aids in the case of normal hearing (CAPD/ADHD/Dyslexia/ Autism).
- Can be used in personal situations (home, riding in car, church etc) and/or the classroom.
- Direct Audio Input (DAI) for multimedia devices (TV, computers, MP3's, video games, etc.).
- Binaural FM is used when the loss is bilateral
- Audiologists are uniquely qualified to select, evaluate, fit and dispense FM systems (ASHA, 2002).

FM System Components:

- Transmitter/microphone is worn by the parent or teacher
- Microphones available are lapel/boom/"passaround."
- Receivers available are universal, integrated, audioshoes, neckloops, receivers for normal hearing users, Cochlear Implant users, and BAHA users.
- Soundfield FM systems are available for the classroom.

Daily Listening checks for FM systems:

- Visual inspection of device and its components
- Listening to sound quality, interference, static, and intermittency
- Have listening stethoscopes, monitoring earphones for CI's, battery testers

*****Make sure to notify an audiologist if malfunction(s) are noted.*****

Tip of the Month:

Some Monitoring Tools

- Ling 6 Sounds
- Listening Inventory for Education (LIFE)
- Early Listening Function (ELF)
- Screening Instrument for Targeting Educational Risk (SIFTER, Preschool SIFTER, Secondary SIFTER)

EVENT OF THE MONTH

Katie's Cuisine
Supporting Tulsa Advocates for the Protection of Children
www.TAPChelps.org

Katie's Cuisine

Helps to raise money to buy children in foster care presents for Christmas Day

For Information call:

The Scholl Center

918-508-7601