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Hearing Connectivity Solutions for OT Patients

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Hearing Connectivity Solutions for OT Patients When Hearing Aids Are Not Enough: Connecting Up

Other* **Montana Telecommunications** Refer to audiologist

Skype/Facetime

Apps with captions for iPhone, iPod, or iPod Touch

Alerting notification systems (fire, smoke, carbon monoxide, sound signalers)









Counseling for hearing loss



Hearing loss support group



Personal sound amplification device with



wireless microphone



Television speakers

Purpose

To determine if Occupational Therapists (OT) and Certified Occupational Therapy Assistants (COTA) in Montana have awareness of hearing loss connectivity solutions which can be shared with patients/clients.

Methodology

A survey was sent via email to OTs and COTAs in Montana. Qualtrics responses received were 36 (n=36).

Modified Alarm clocks





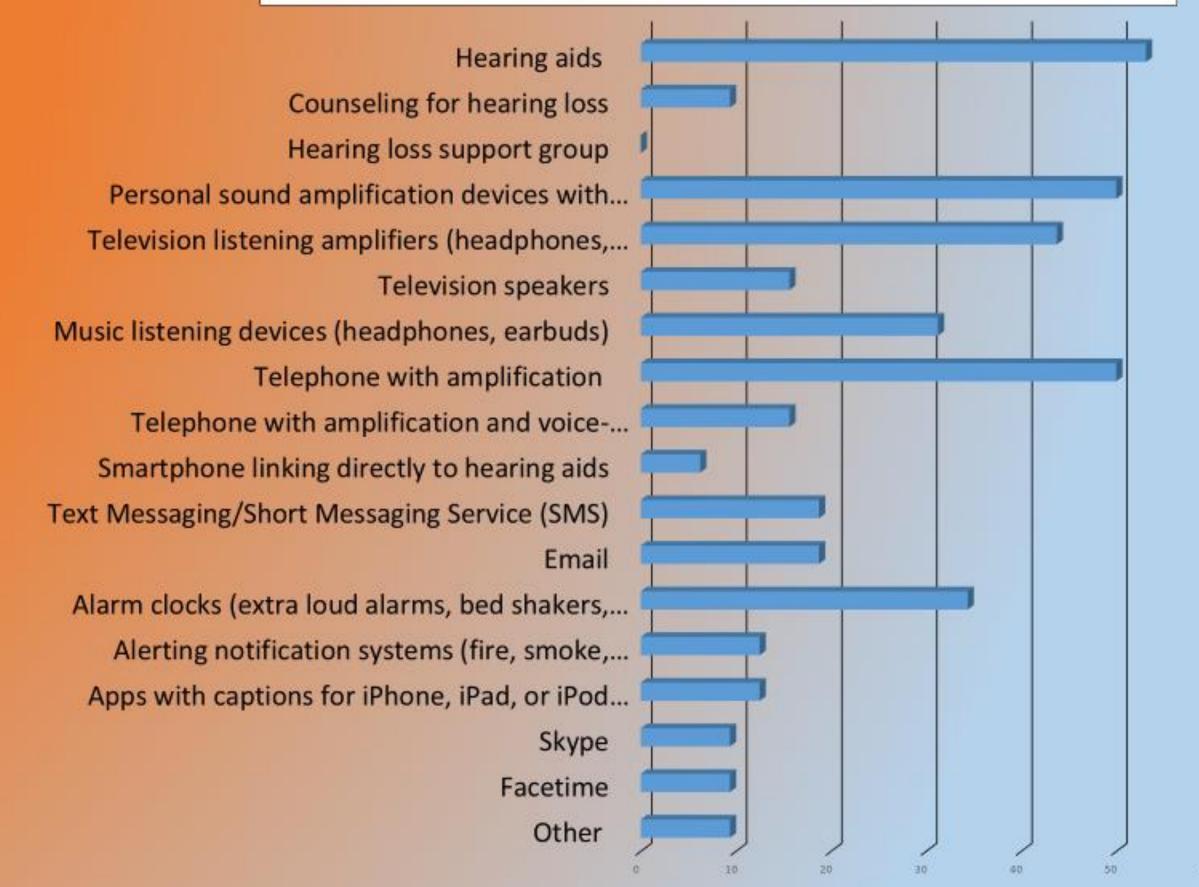
Telephone with directly to hearing aids amplification and

voice-recognition technology



Television listening amplifiers amplifiers

TECHNOLOGY SUGGESTIONS FOR PATIENTS/CLIENTS WITH HEARING LOSS - % **OT'S HAD USED**



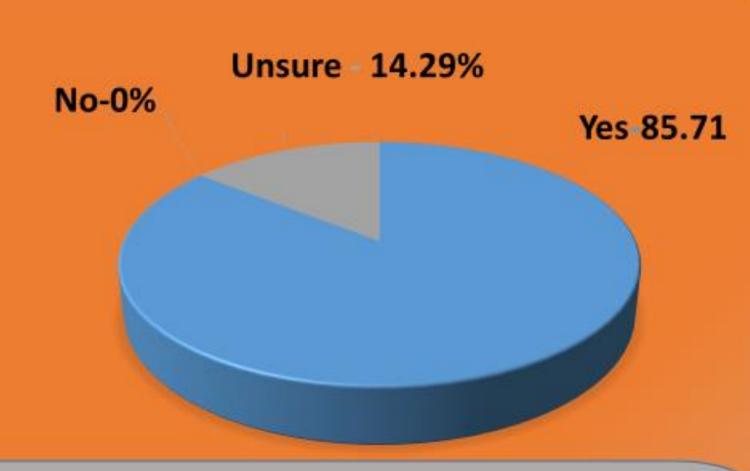
Survey Results

FOR HOW LONG HAVE YOU BEEN A

PRACTICING OT? - %

1-5 years 6-10 years 11-15 years 16-20 years

WOULD IT BE BENEFICIAL TO LEARN **MORE ABOUT TECHNOLOGY? - %**



Findings

- OTs have an understanding of a number of connectivity solutions for patients/clients with hearing loss.
- one respondent commented, "I don't use a smart phone or apps so your list above was insightful."

Implications

- From this survey, 85.71% of respondents stated that it would be beneficial to learn more about hearing connectivity solutions
- Not one respondent stated that having greater knowledge concerning hearing technology would not be useful.

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Photo/Graphic Credits (clockwise from top) Ear outline: https://clipartfest.com/categories/view/662da97c0bfacd92a2aaf7db98cdfa2c397f7b53/ear-outline-clipart.html

Counseling for hearing loss: http://www.indianovahealthcare.com/counselling.html Hearing loss support group: https://www.actiononhearingloss.org.uk/your-hearing/tinnitus/how-can-i-manage-my-tinnitus/what-therapies-are-available/counselling-for-

Personal sound amplification device with wireless microphone: https://www.amazon.com/ListenUP-MK91747-LISTEN-UP-AMPLIFIER/dp/B002KOKVNU

elevision speaker: http://www.harriscomm.com/serene-innovations-tv-soundbox-wireless-tv-speaker.html Television listening amplifier: https://www.hear4you.com/product/echoir-neckloop

Music listening amplifier: https://www.amazon.com/ListenUP-MK91747-LISTEN-UP-AMPLIFIER/dp/B002KOKVNU Telephone with amplification: http://www.californiaphones.org/Devices-for-Difficulty-Hearing

Telephone with amplification and voice-recognition technology: http://www.captel.com/

Hearing aid: Starkey Halo: http://www.starkey.com/hearing-aids/technologies/halo-wireless-hearing-aids

Smartphone linking directly to hearing aids: https://www.pinterest.com/gnresound/resound-linx-in-the-media/ Text messaging/SMS: https://blog.mysms.com/why-we-love-text-messaging.html Email: http://www.itknowhowe.co.uk/2015/02/21/take-control-of-your-email-accounts/ Alarm clock: lamp flasher: https://www.flashingblinkylights.com/light-up-color-change-led-digital-alarm-clock-sku-no-11456.html

Alerting notification system: StickEar door detection: https://www.indiegogo.com/projects/stickear-turning-sound-into-visual-notifications#/ Apps with captions for iPhone, iPad, or iPod Touch: http://www.imore.com/how-enable-subtitles-and-captioning-auditory-accessibility-iphone-or-ipad Facetime: http://www.geek.com/apple/zvrs-facetime-sign-language-1270587/ Question mark: http://www.freepik.com/free-icon/question-mark_731610.htm