Housekeeping

I am speaking now….Can you hear me?

If you are having technical problems, please stay logged on and call Audiology Online at 1-800-753-2160

Housekeeping

This session is available for 1/1 CEU. Must stay logged on for the full session. Must successfully complete a short quiz.

Learning Objectives

1. Know the prevalence and impact of mobile devices like smartphones and tablets in our daily lives.
2. Know the amount of mobile applications that are currently available to hearing professionals, hearing impaired, and those simply seeking information about hearing.
3. Know the wide array of applications that are becoming possible and the blurring of the lines between hearing devices / applications for hearing impaired and normal hearing individuals.

Mobile Apps and the Listening Experience  
Chris Howes  
Sr. Software Product Manager - Mobile
**US Growing Smartphone Addiction**

% of American smartphone owners who check their phones at least several times an hour

- 22% in 18-29
- 12% in 30-49
- 6% in 50-64
- 2% in 65+
- 11% in All Adults

**InSpiring Emotions**

Adults indicate that their phone made them experience the following emotions

- Happy
- Productive
- Grateful
- Distracted
- Frustrated
- Angry

**Mobile Stats update**

Global mobile phone penetration from 1996-2015

**Global smartphone penetration**

Smartphone penetration by country

- US: 2016: 85%, 2015: 81%
- UK: 2016: 89%, 2015: 88%
- Germany: 2016: 89%, 2015: 87%
- Italy: 2016: 61%, 2015: 58%
- Spain: 2016: 64%, 2015: 61%
- France: 2016: 85%, 2015: 80%
- China: 2016: 63%, 2015: 55%
- India: 2016: 24%, 2015: 14%

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**Phones**

- Various models of smartphones
Mobile Operating Systems

iOS 10 already at close to 50%
Android OS Adoption

Original Hearables
Hearing Journey

Apps for Aural Rehab

Hear Coach
Listening games to improve ability to communicate in noise

Options
Select from three different listening games
- Word Target
- Repealer
- Word Racer

Benefits:
- New or experienced hearing aid users
- Use it anytime
- Reduce listening effort

Apps for Tinnitus
**relax**

Relief sounds and education for patients who have tinnitus

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**relax**

Patients Who Benefit:
- Patients who experience tinnitus

When To Use:
- To generate information about tinnitus
- To relieve tinnitus—day or night

Benefits Of App:
- Sounds can be generated through hearing technology
- Uses Bluetooth technology
- Provides relief to reduce loudness or annoyance of tinnitus

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**App for monitoring noise level**

Decibel Levels Range Chart:

- 70dB: Threshold of human hearing
- 85dB: Snowing
- 90dB: Vacuum cleaner
- 95dB: Child room
- 105dB: Motorcycle engine
- 110dB: Average office noise, Conversation
- 120dB: Base drum, Alarm clock
- 125dB: Hair dryer, noisy restaurant
- 130dB: Lead rifle
- 140dB: Bass drum
- 150dB: Butterfly team
- 160dB: Industrial noise
- 170dB: Jet plane take-off
- 180dB: Motorboat, Metal concert

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**Sound**

Measure sound level in real time. Reports noise is a dangerous level.

Starkey partners with the Minnesota Vikings to promote healthy hearing in loud environments, including Vikings games.
Apps for testing hearing

Sound
Hearing Loss Screener

Benefits:
- Ability to measure environmental noise and know when to protect your hearing!
- Evaluate if a possible hearing loss is present in you or a loved one

Apps to control hearing aids
**T2 REMOTE & T2 ON DEMAND**

Created for patients who may need basic programming adjustments done remotely.

**Benefits:**
- For patients who want to make discrete adjustments to volume or memory
- Patients who live a great distance from providers or have limited ability to travel to their provider’s office

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**TRULINK**

Created for patients to control their Made for iPhone hearing aids.

**Benefits Of App:**
- Ability to customize / personalize your audio environments
- Easy access to advanced hearing aid customization
- Ability to set up automatic features

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**Apps that act like hearing aids**