The digital transformation:



eAudiology incorporating Phonak eSolutions

Engage, Ease, Empower

PHONAK life is on

A Sonova brand

Learning Outcomes



- Participants will be able to summarize how eAudiology is changing the hearing healthcare model for hearing healthcare professionals and patients.
- Participants will be able to describe the eSolutions available with Phonak Marvel.
- Participants will be able to identify the ways in which they can use Phonak eSolutions to differentiate their practice, clinical services and empower patients.

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eAudiology and eSolutions agenda

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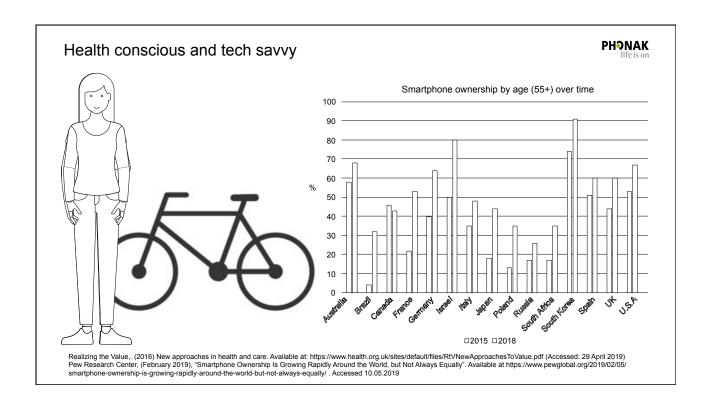
- 1. Why should you consider implementing eSolutions
- 2. What are the current eSolutions offered by Phonak
- 3. How will you and your patients use eSolutions



Nikolas Klakow, AuD

Manager, Clinical Training West - Phonak

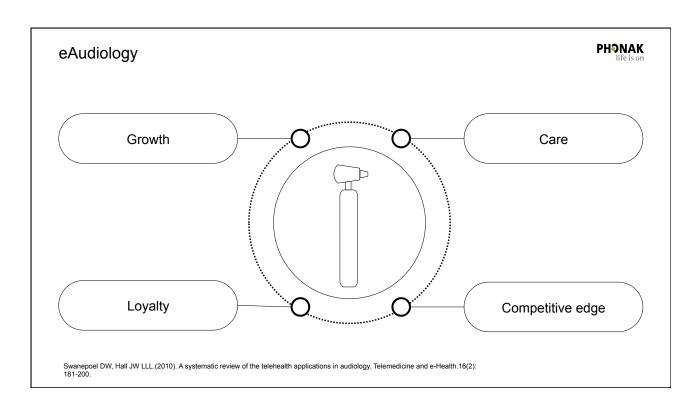
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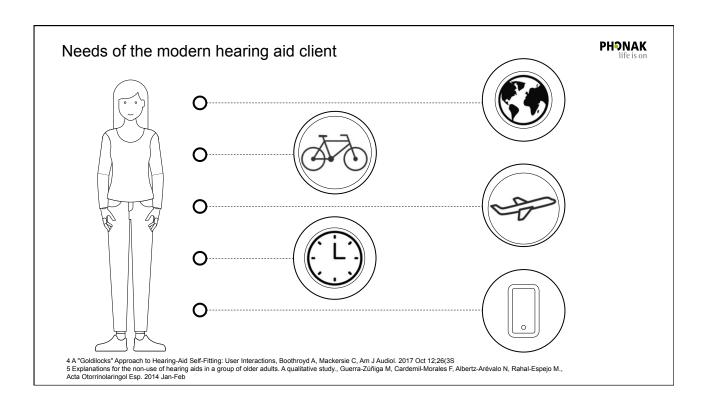


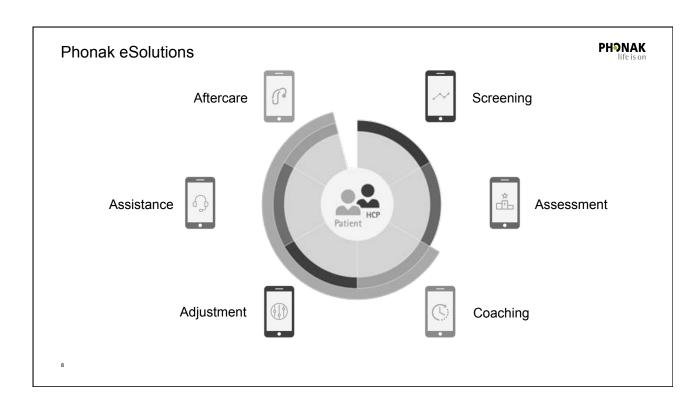


Evidence shows that people who are involved in decisions about their healthcare tend to: Report greater satisfaction with the services they receive Decisions made were most appropriate for them Make fewer complaints

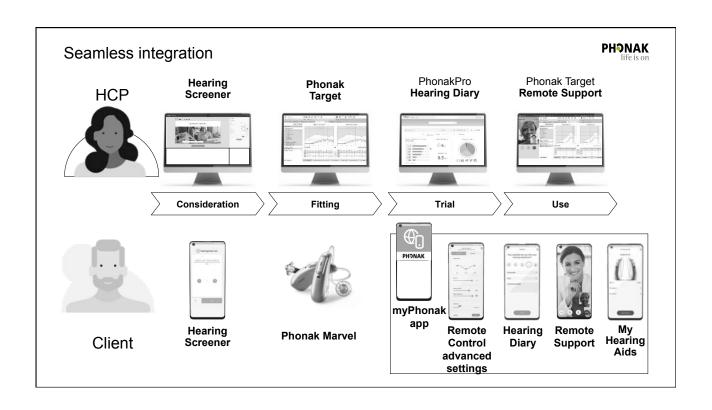
Care Quality Commission,. (2016) Better care in my hands: A review of how people are involved in their care. Available at: https://www.cqc.org.uk/sites/default/files/20160519_Better_care_in_my_hands_FINAL.pdf (Accessed: 29 April 2019)

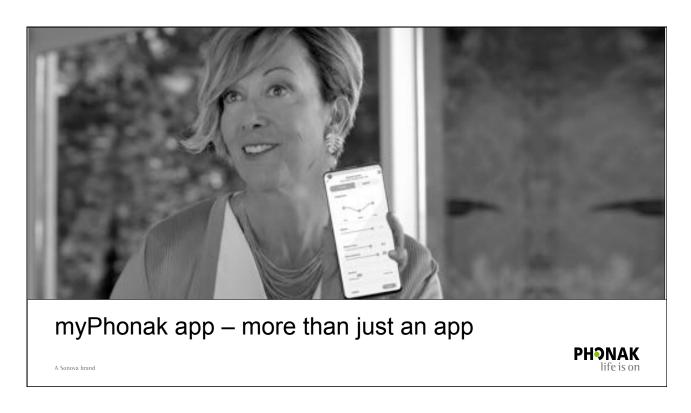


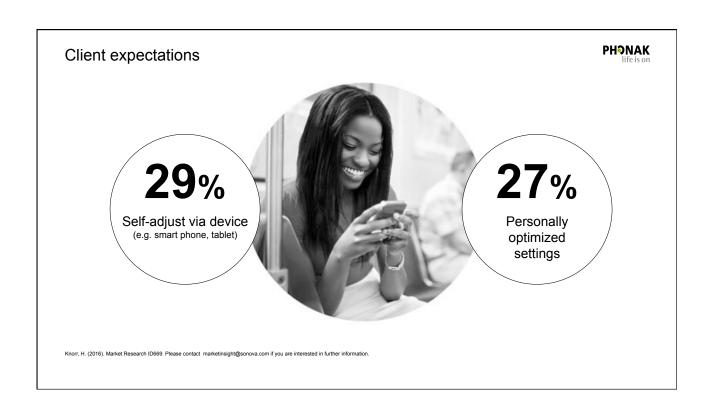


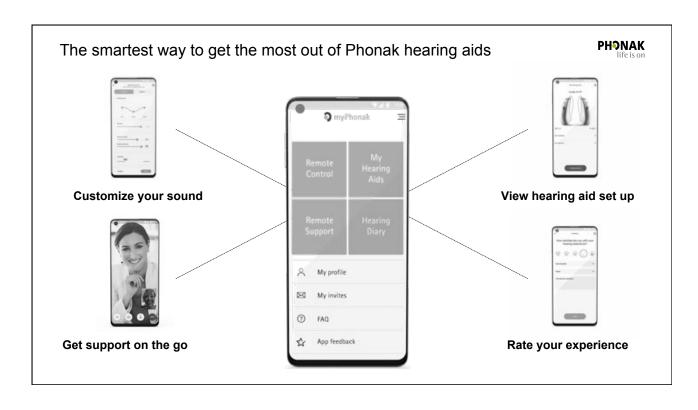


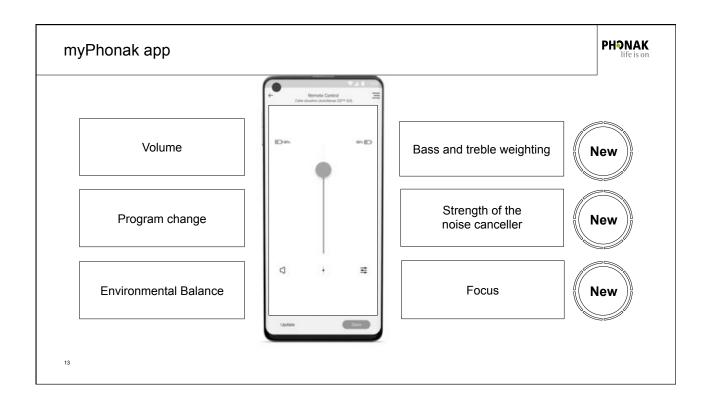


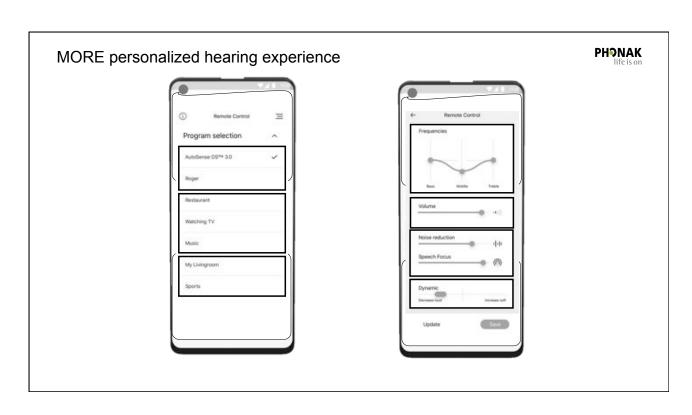














Research

Comparison of eSolutions fitting to Traditional fitting in New Hearing Aid Users



Sound influencers of the advanced settings

The fundamentals

POS Ear piece Acoustic parameters Receiver S, M, P, UP • Vent / AOV Dome type

Comparison of eSolutions fitting to Traditional fitting in New Hearing Aid Users

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• The purpose of this study was to evaluate new users' hearing aid satisfaction with and without the use of the MyPhonak app

-Subjective measures included

APHAB

• ECHO/SADL

• LSEQ

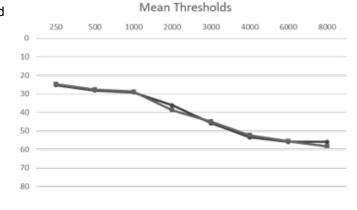
• COSI

• 19 New Hearing Aid Users

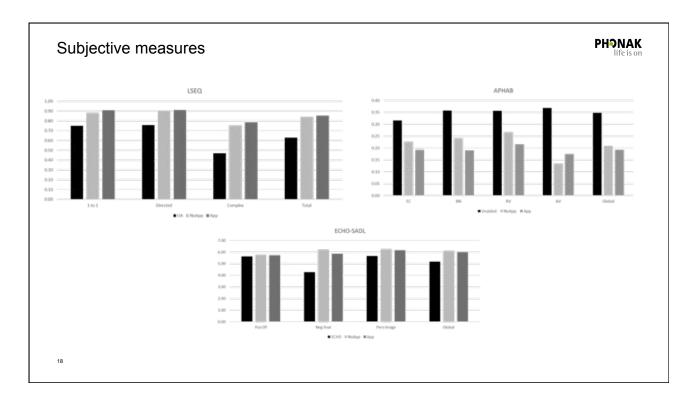
-10 males

-9 females

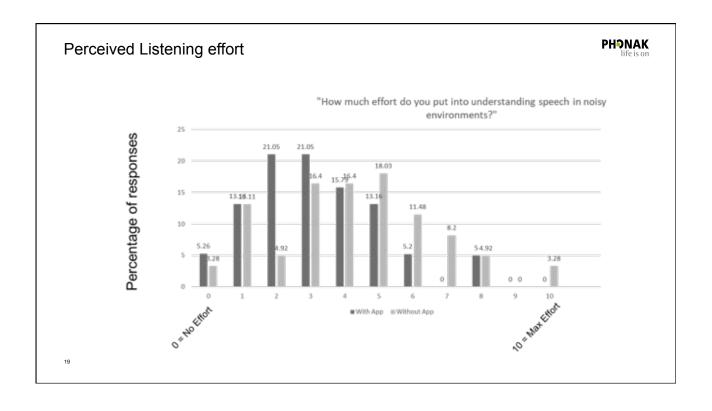
-Age range 33-81 years



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Summary

 Participants were satisfied with hearing aids from the first fitting

- Most participants used the app and could improve certain environments
- Most participants felt the app was easy to use and convenient
- Most participants would prefer remote appointments or combination of face to face and remote appointments.
- Participants who did not often use remote control function still preferred idea of remote appointments





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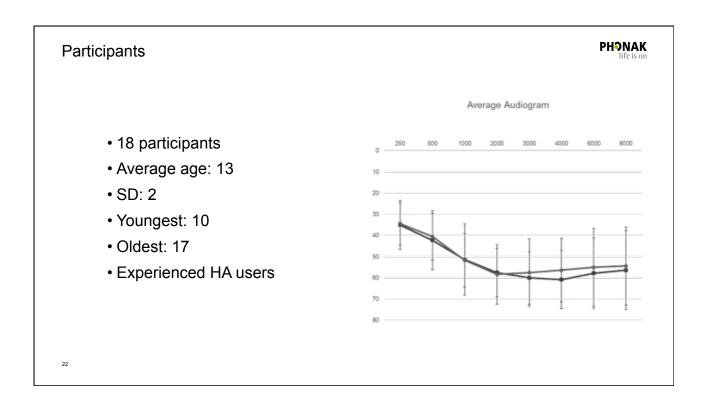




PHSMAX Melson

Research

Remote Control App and Teens





PHONAK Protocol

Lab appointment 1:

- Initial fitting based on audiogram, fit to DSL pediatric targets and matched via REMs
- Installation of App and introduction of myPhonak App
 - -Remote Control
 - Practice with the app in the office. Explanation of capabilities and sliders, creating custom programs, saving program name
 - Speech in Noise scene and music scene presented with participant sitting in the middle of array
 - Participant is able to manipulate the app and listen to changes in each scene to better understand parameters available

· Home Trial- 1 week in duration

- · Hearing diaries filled out each time participant created a new custom program
 - -Participant created an unlimited number of custom programs
 - -Diary described the environment, changes made, and why

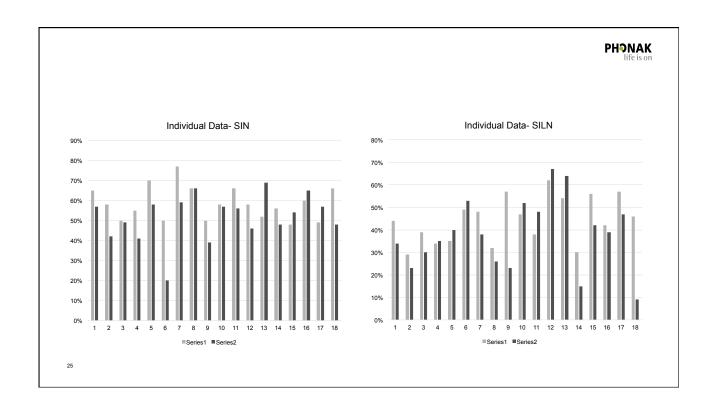
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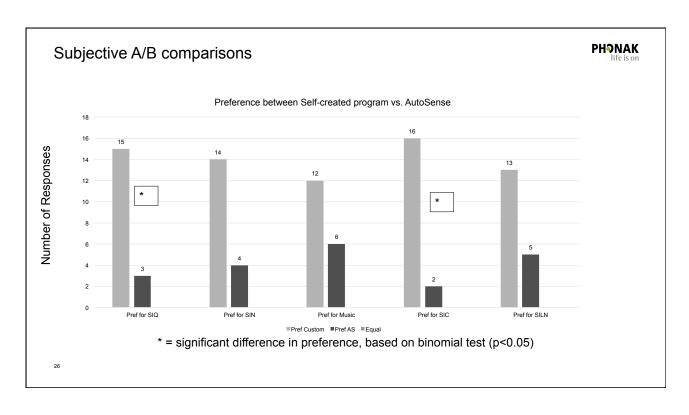
PHONAK Protocol cont'd

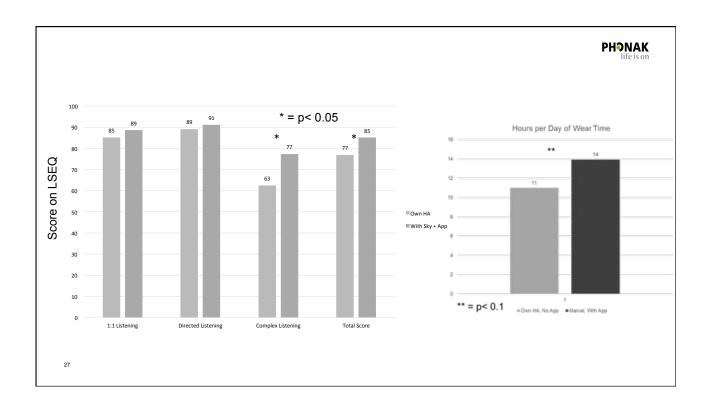
· Lab appointment 2:

- · Read out data logging
- · Went over diaries
- Interviewed about experiences/custom programs made with the Remote Control App
- · Lab testing:
 - Real Ear measures comparing customized programs made during the home trial and AutoSense environment selected.
 - Objective speech in noise testing between customized program and AutoSense program
 - Participant adjusted settings in the following controlled lab environments
 - · Speech in Car scene
 - · Speech in Noise
 - · Speech in Quiet
 - Blinded A/B comparison between customized program they created (above) and default program (AutoSense)









Outcomes PHONAK life is on

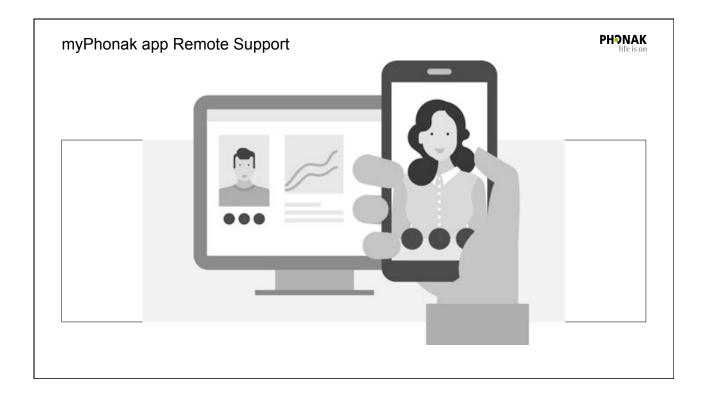
- Teens/pre-teens use the app, and really like it (control)!
- They seem very averse to any background noise, and wanted to eliminate it as much as possible
- Lab programs seemed to reflect custom programs made at home, with more reduction in gain made at home
- Datalogging and LSEQ indicate very positive changes with the app, in terms of perceived self-efficacy and wear time
- Modifier training, age, and number of custom created programs may be good indicators of who could be a good candidate for the RC app

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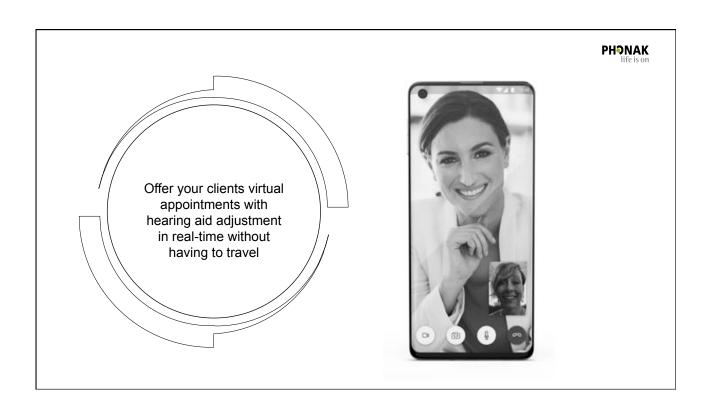
Summary PH[®]NAK
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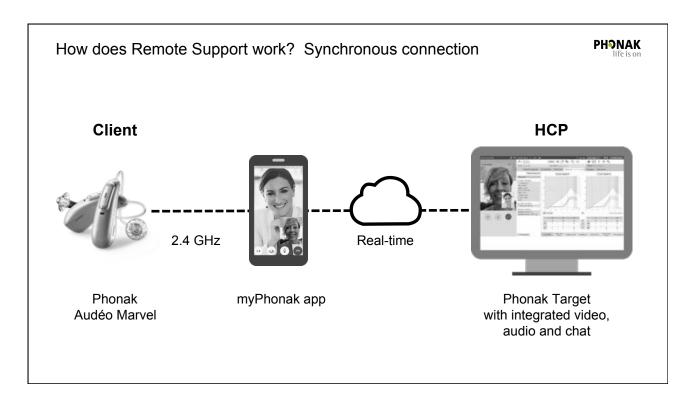
- 1. What is eAudiology?
- 2. 1/3 would prefer to have control
- 3. Evidence shows that people who are involved in decisions about their healthcare tend to:
- 4. Remote Control app has five user fine-tuning controls

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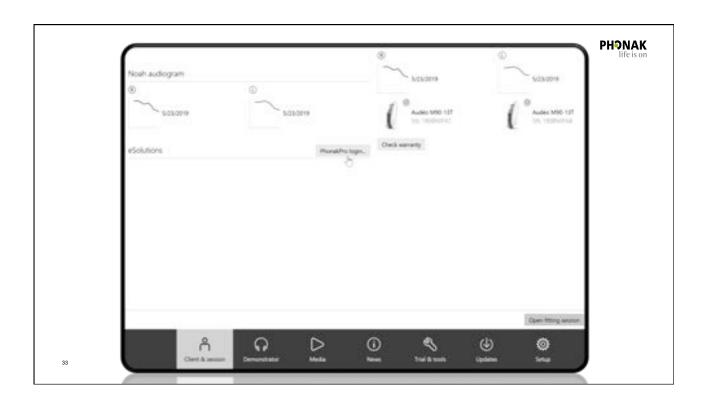






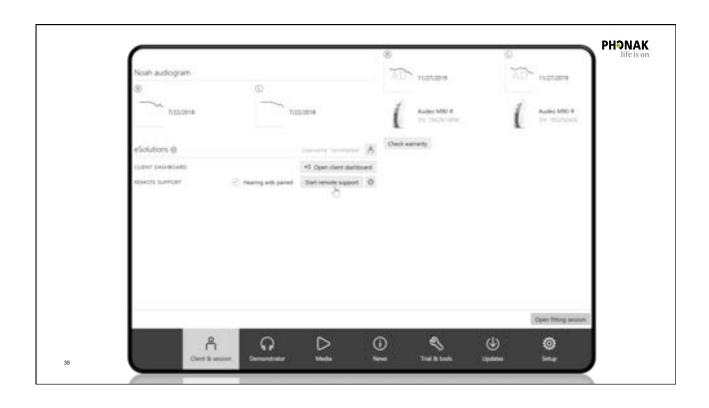


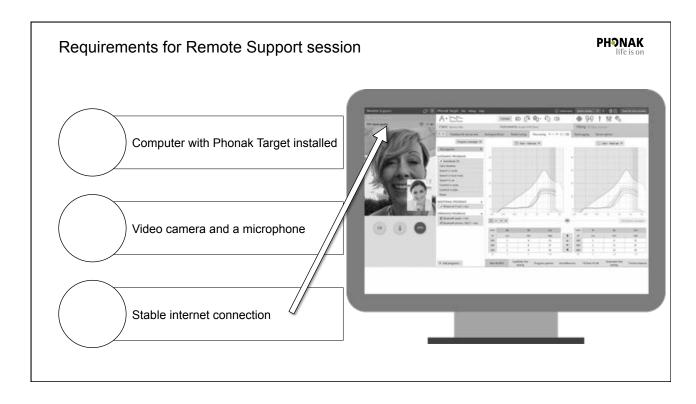




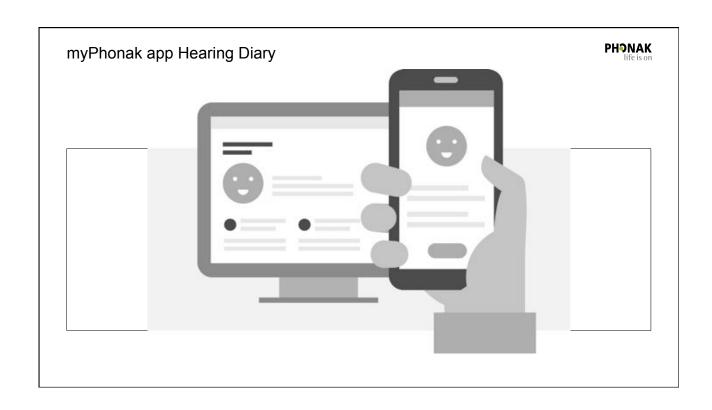


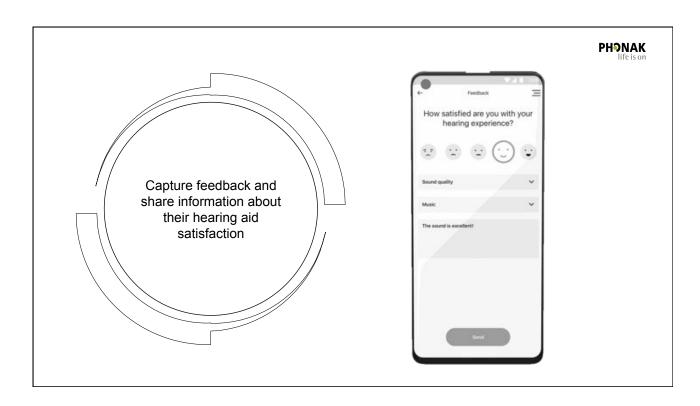




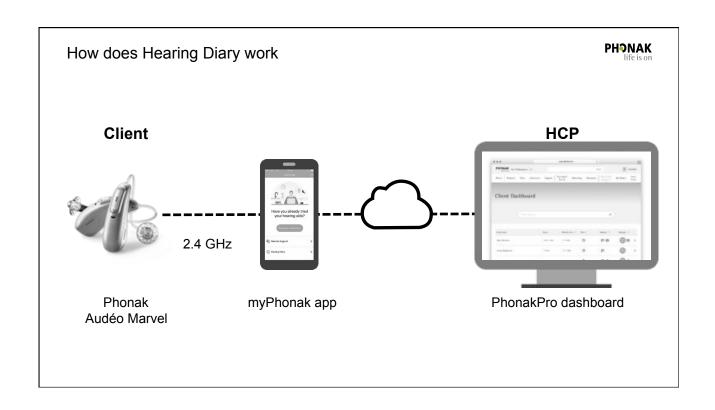


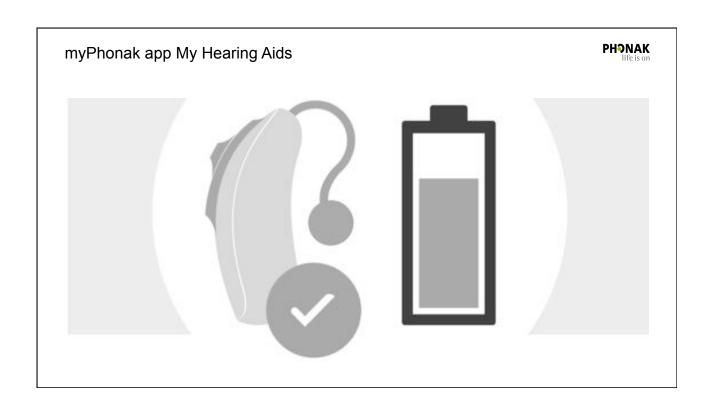




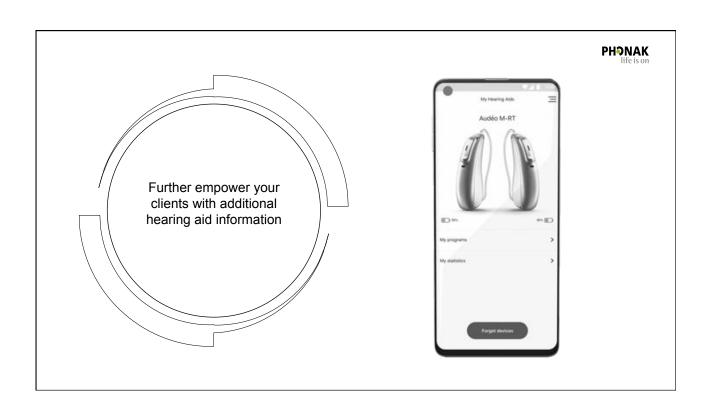






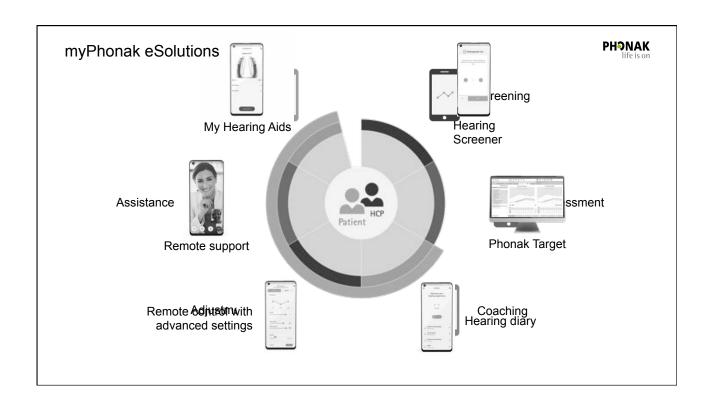












Tips and Resources



Remote Support tips

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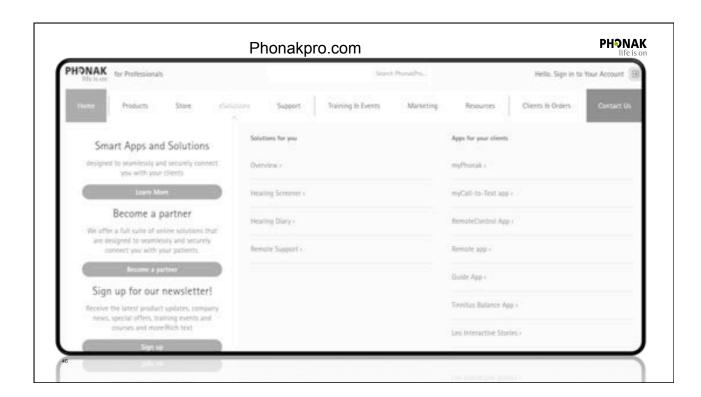
Make sure everyone involved is trained in their roles

- Patient Do they know what to do?
- HCP Do you know how to get all the equipment working?
- Support staff Is there a protocol for contacting the patient and having a remote "waiting room" plan?

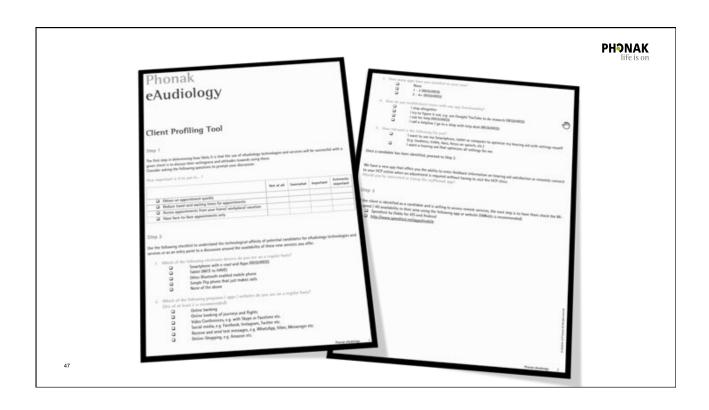
Remote Support communication suggestions:

- Introduce everyone in the room
- Practice in front of a camera How do you look? Body language!
- Don't forget to talk! They can only see your face, not what you are doing.

Is there a backup plan?

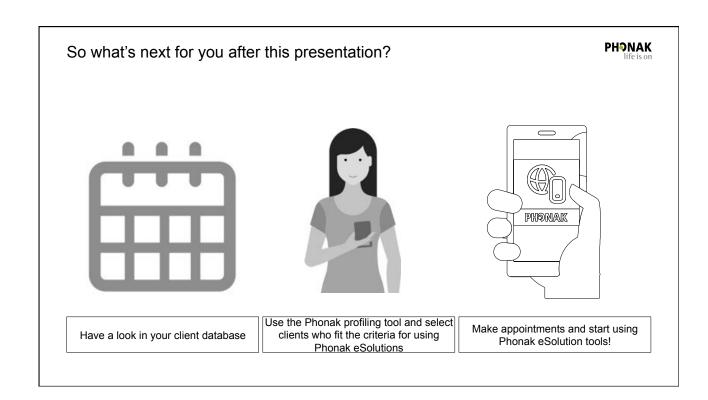












Together, we change lives