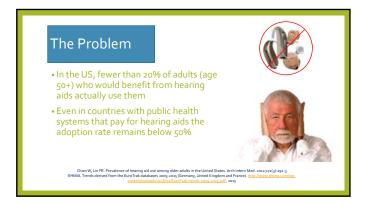
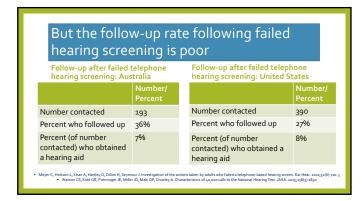
impairment



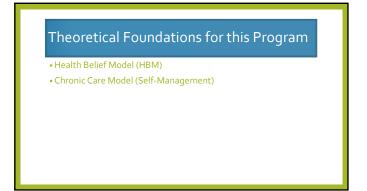


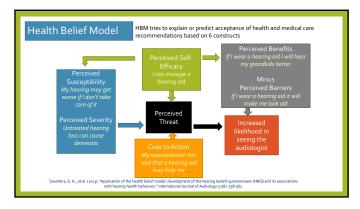
















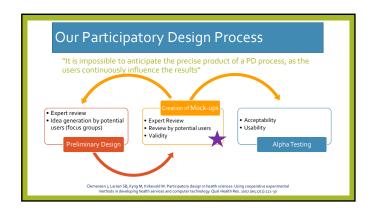
Theoretical Foundations for this Program

• Health Belief Model (HBM)

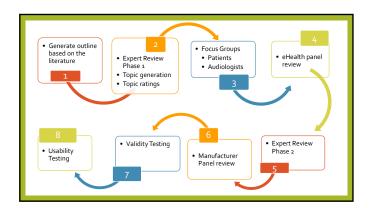
• Chronic Care Model (Self-Management)

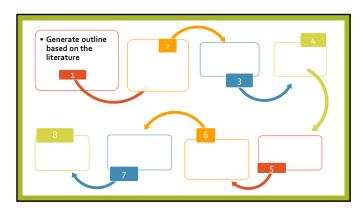
• Participatory Design











Developed outline of the program

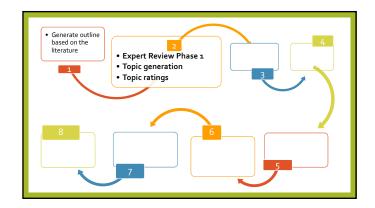
The program will promote self-efficacy related to communication strategy and hearing aid use and will provide cues to action from peers (with HI) and from CPs. In the program, participants will be able to communicate with an audiologist in order to develop a trusting relationship, allowing for an opportunity to consider hearing aid use without pressure.

Interactive Exercises-Based on Principles of Self-Management
Include Communication partner – as a variable

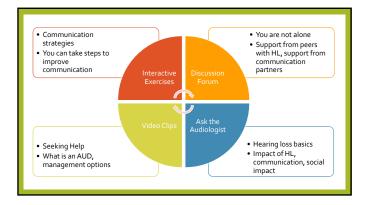
Video Clips – see others doing interactive exercises in groups- Collaborative problem solving

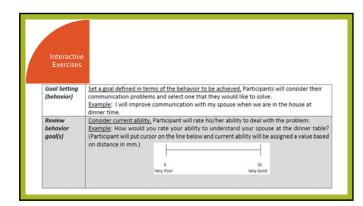
Discussion Forum – Peer Support

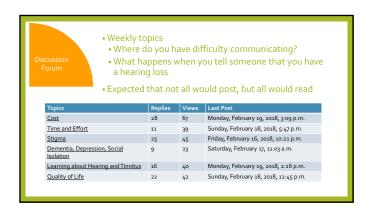
Ask an audiologist – develop relationship with audiologist



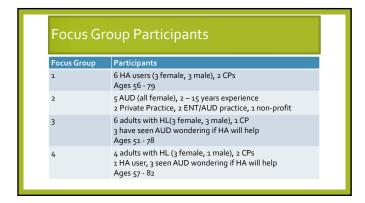












### Preminger: An internet-based program for adults with unaddressed hearing impairment

Focus group subjects were given this scenario

Meet Jim

Jim is your friend of many years. He recently told you that he is having difficulty hearing his granddaughter. He told you:

"I have noticed more difficulty hearing lately, I don't know if it is a hearing loss or the fact that I am getting older. I am hesitant to get hearing aids because I know a few people who either don't like their hearing aids or don't wear them. I just don't know what to do."

As a friend- you want to give Jim some information that will help him decide to seek hearing healthcare (e.g., to get a hearing test, to get information about hearing devices.)

- What types of information does Jim need to learn before he would be willing to seek hearing healthcare?
- How can we be sure he will have confidence that this is <u>useful</u> and <u>trustworthy</u> information?
- How could you improve Jim's belief that he can manage his hearing loss so he will take steps to get a hearing test and consider treatment?
- What can you tell Jim that would motivate him to see an audiologist?

Here are some of our ideas!

Explain to Jim that there are some negative outcomes associated with untreated hearing loss (for example, social isolation) BUT many of them can be minimized with treatment.

Jim told you that he has seen other people reject their hearing aids. He is concerned that hearing aids may not work for him or maybe he will have difficulty using them correctly.



- Introduce Jim to some people who are successfully managing their hearing loss.
- Explain the steps that Jim can take to seek treatment for his hearing loss (e.g. see an audiologist, get his hearing tested, learn about treatment options)

### **Topic Generation**

- Reviewed all ideas generated by participants
- Reviewed topic areas generated by expert panel
- Individuals ranked the top 3 most important ideas

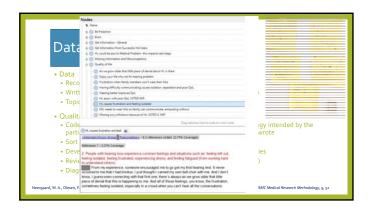


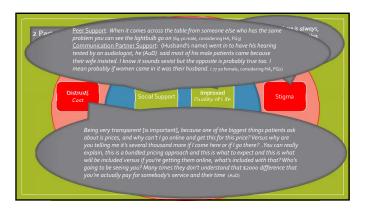


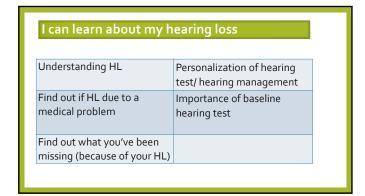
### **Audiologist Focus Group**

- What information would you like for patients to have before they come see you?
- Do you have any suggestions of how we can best motivate potential patients to seek help from an audiologist?
- Would you be interested in participating in a program like this as a professional?
- How much time would you be willing to spend on the program each week?

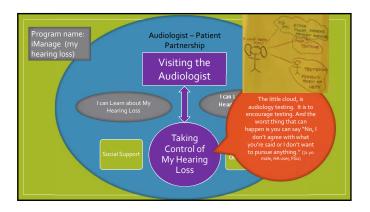








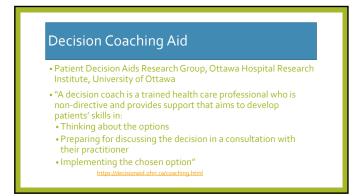


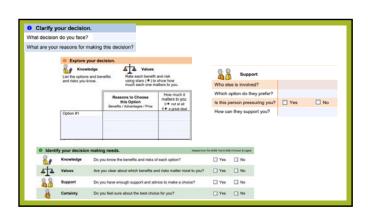


## What we learned- from People with Hearing Loss People don't trust audiologists, and trust and cost are keeping some away People don't understand that there are management options in addition to hearing aids, they don't understand that hearing aid costs vary with the level of technology The idea of a baseline hearing evaluation is appealing when presented as a medical option (in order to learn about your hearing and management options) as opposed to a hearing aid sales option Since people don't trust audiologists- they want information from successful hearing aid users

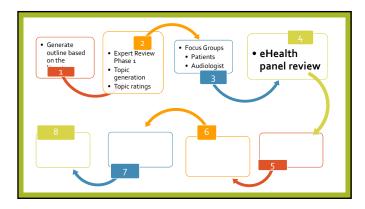


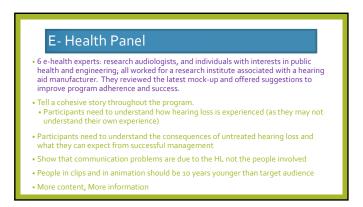


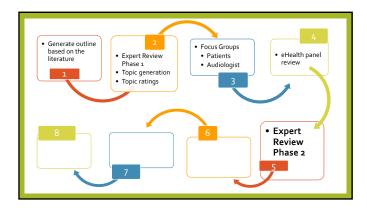




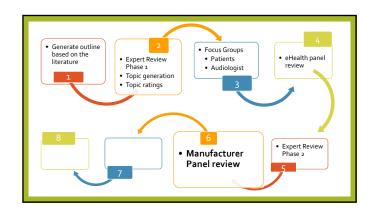




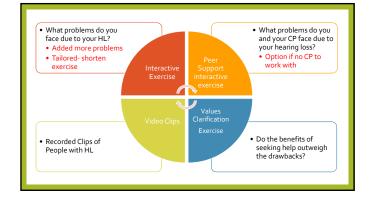




### Expert Review Phase 2 • Meeting with HLAA state Leader • Discussion at HLAA meeting • Figure out the motivating factor to seek help for each individual • Need to grab participant in first 5 minutes • Sometimes it is necessary to be confrontational in order to get someone to seek help. (Does you spouse matter to you? Does your job matter to you?) • Discussion Board with peer support will not work!!!

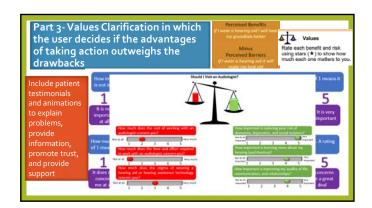


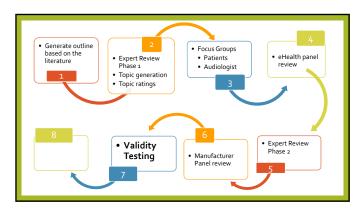
# Manufacturer Panel 6 hearing aid marketing, human factors, and business experts (who worked for a hearing aid manufacturer). They considered design factors that might influence uptake and adherence to the program. Make the program shorter How big is the motivation for someone to take-up the program

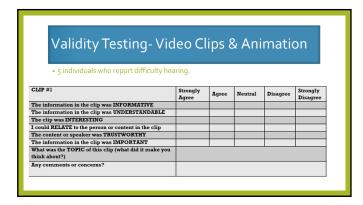
















"It is impossible to anticipate the precise product of a PD process, as the users continuously influence the

### Thank you! Oticon Foundation

- iManage Team Members
- Ann Rothpletz, research audiologist
- Laura Galloway, research audiologist
- Rebecca Smith, AuD student
- Keira Glasheen, AuD student
- Collaborators
- Elisabet Thorén (formerly of Eriksholm, Denmark)
- Ariane Laplante-Lévesque (formerly of Eriksholm, Denmark, Now Oticon)
- Expert Panel
- Elisabet Thorén
- Ariane Laplante-Lévesque
- Gabrielle Saunders (Formerly of NCRAR, Portland, Now Eriksholm)
- Michelle Arnold (University South Florida)
- Michelle Niehaus (Social Worker, State of KY)