

Defining a new category of hearing aids:

Learning hearing aids and the software-based approach. ∵ Whisper

# Tomorrow sounds even better.

∷ Whisper

## Introducing Whisper

01

Who we are and the Whisper Hearing System

Jim Kothe

03 Marketing advantages for your practice

#### **Mike Lowery**

02 Integrating Whisper into your practice

Dr. Ram Nileshwar Au.D., CCC-A, FAAA

04 Discussion ...a model that actually ensures better performance for the user the longer they use their hearing system.



Our model also allows hearing care professionals to provide the care they want without the downward price and competitive pressures they are facing today.

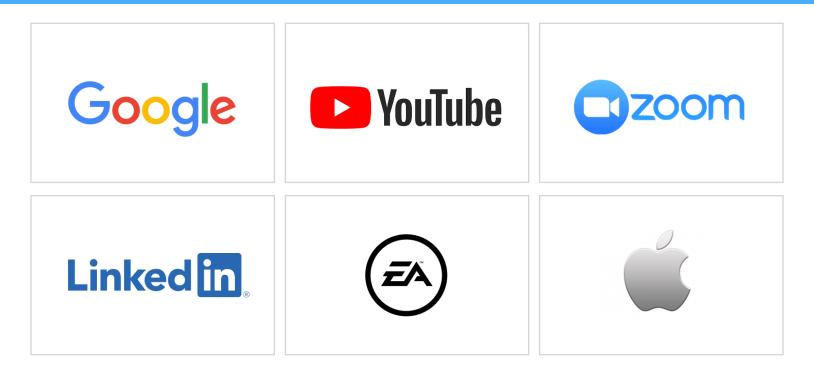




## Bringing together a team of experts



## Our investors are behind some amazing startups



## What is the real-life problem Whisper solves?

If money was no object, what would define the best hearing care we could possibly give people?



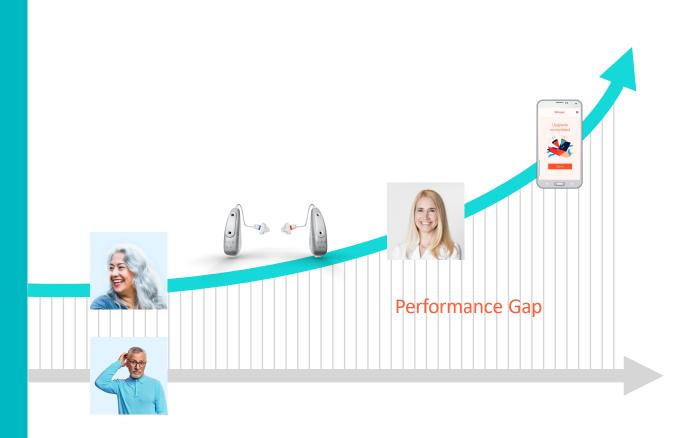
People would buy the best technology, get expert care whenever they want, and upgrade their instruments every year.



But what people actually do is buy only what they can afford, get care only when needed, and upgrade when they absolutely have to.



At Whisper, we call this the performance gap...and until now, hearing care has been a hardware dependent profession.



Our goal at Whisper is to minimize this performance gap, through a softwaredriven system that gets better over time.



The Whisper Hearing System isn't just another hearing aid it's a new category of hearing aid — a Learning Hearing System



## A learning hearing system



#### The Whisper Brain

Optimizes sound in real time using advanced sound separation technology.



#### Earpieces

Feature all the benefits of a modern hearing aid.



#### Whisper App

Delivers regular software upgrades.

The familiarity and convenience of BTE RIC earpieces



#### Earpieces

- Compression with gain management
- Feedback manager
- Directionality, beamforming
- Spectral and wind noise reduction
- Scene analyzers
- Processing speed, attack and release

Earpieces can be combined with the power of learning and the Sound Separation Engine when you need it.



#### Earpieces

- Compression with gain management
- Feedback manager
- Directionality, beamforming
- Spectral and wind noise reduction
- Scene analyzers
- Processing speed, attack and release



#### The Whisper Brain

- Contains AI-based Sound Separation Engine
- Uses learned knowledge to find acoustic patterns
- Identifies specific areas of importance in the sound scene
- Gathers new information to drive future software upgrades

## So how does learning over time work?





Photo



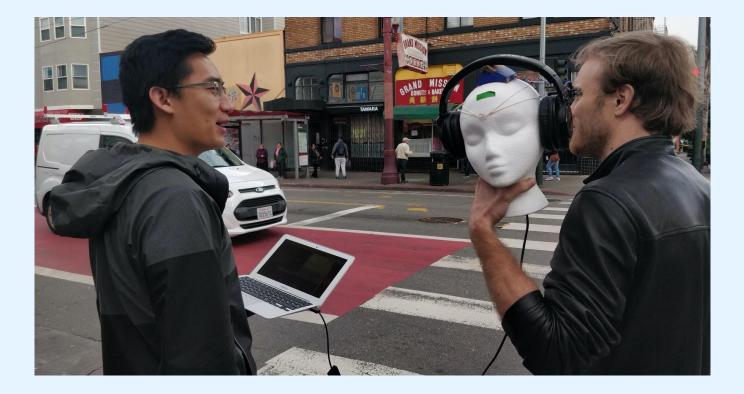
Data includes 100 dog breeds

96% Collie Sheepdog

Algorithm predicts breed

Just like AI can use visual information, Whisper can use a proprietary AI learning model to deal with sound.





## The Learning Cycle

#### AI algorithms

Powerful toolbox to solve complex computing problems

## The Learning Cycle

#### AI algorithms

Powerful toolbox to solve complex computing problems



Improved performance Better products that solve everyday challenges

## The Learning Cycle

#### AI algorithms

Powerful toolbox to solve complex computing problems

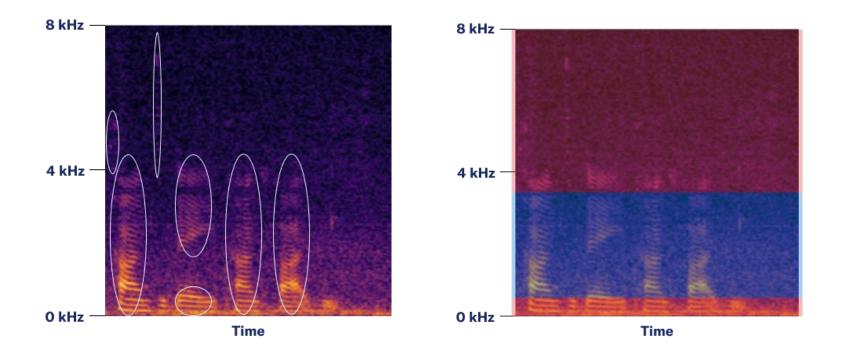


Improved performance Better products that solve everyday challenges

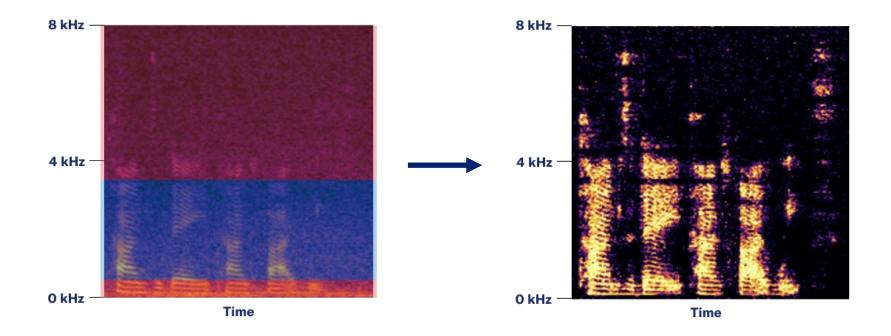
#### New data

New data points about the complexities of the real world

## Spectrogram of a speaker in background noise

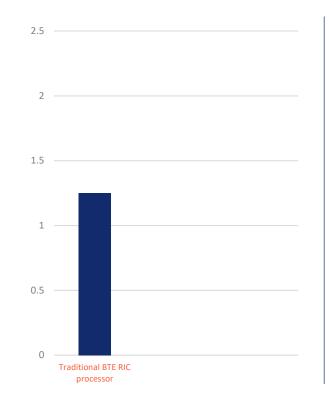


## Al allows us to do something different

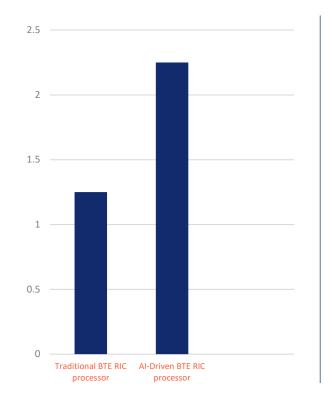


## Why not put the AI into the earpieces?

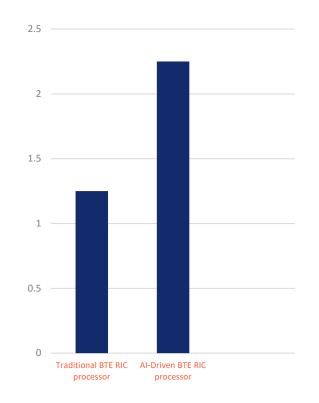
₩ Whisper

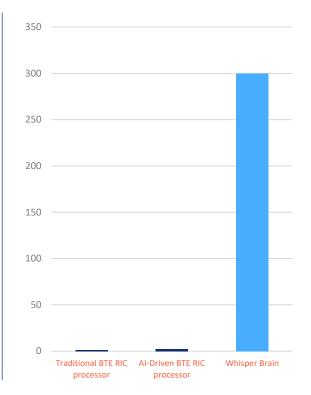


₩ Whisper

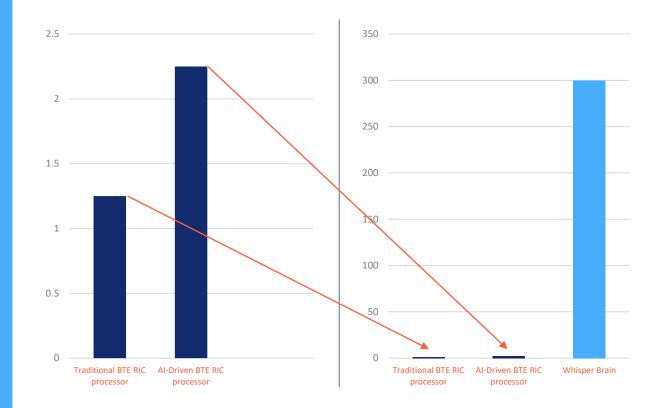


::: Whisper





₩ Whisper



### The Whisper Brain

- Enhanced algorithms to improve speech separation and noise reduction
- Maintain speech clarity with reduced loudness annoyance
- Capability to learn and get better over time



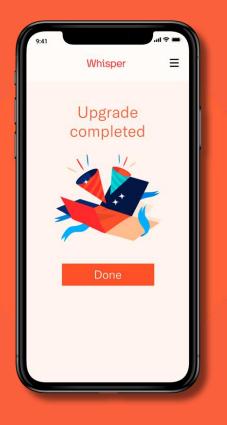
# Whitepapers

::: Whisper

#### Beyond Frequency: Artificial Intelligence, Patterns and the Whisper Hearing System



The Learning Cycle means patients will get upgraded sound processing over time through AI software.



# 3 major upgrades in the year since launch



::: Whisper

Whisper's first software upgrade: March 2021

#### Compression system overhaul

Sound Separation Engine improvement

Fitting tools



100%

Reported voices being the same or clearer with this upgrade



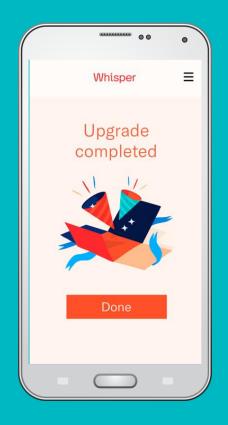
40%

Reported their communication partners notice they are hearing better after the upgrade Whisper's second software upgrade: July 2021

Android phones

iPhone app

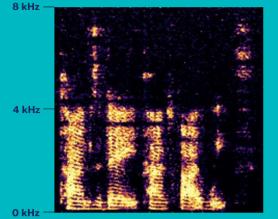
Fitting controls: Feedback manager



Whisper's third software upgrade: October 2021

Sound Separation Engine improvement

Noise management more often



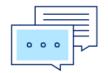
Time

Stop consonants targeted

SSE retrained to emphasize these more



Noise management earlier, more often Comfort and clarity



### Richard J.

"Clearer and crisper sounds, and quicker/better understanding of people's speech around me. More clarity equals better understanding, don't have to take time translating what people just said to me."

\* 2021 Whisper customer survey conducted after March 2021 software upgrade

::: Whisper

This is why we believe that artificial intelligence has such an important place in hearing care.



₩ Whisper



We believe there's a better way. One where your patient's hearing care keeps pace with technology changes.





Hear today. Hear tomorrow.

Dr. Ram Nileshwar, Au.D., CCC-A, FAAA

Introducing a new category of learning hearing aid

## My Team









Ram Nileshwar, Au.D., CCC-A, FAAA Amanda Jean-Pierre, Au.D., CCC-A, FAAA Jordan Strong, Au.D., CCC-A, FAAA Elizabeth McCutchen, Au.D., CCC-A, FAAA



## Why offer a new category of learning hearing aid?

:.: Whisper

### Staying at the forefront of Albased technology



# How I have integrated Whisper into my patient self-selection process

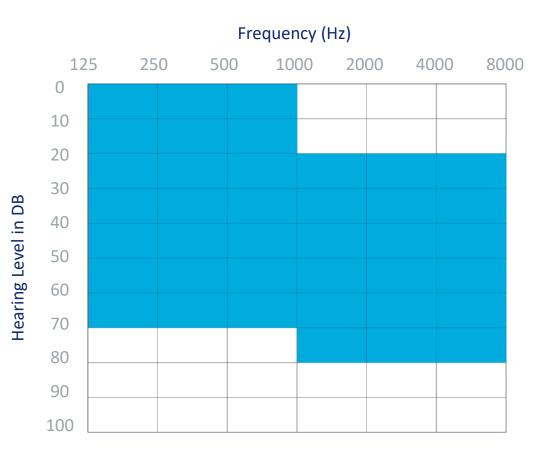
::: Whisper

### Who do I select Clinically?

- Existing & new users
- Whisper is suitable for adults with mild to severe hearing loss up to 80 dB HL.

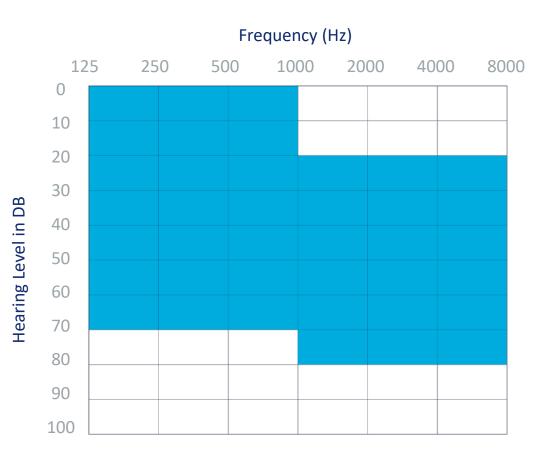
### **Interested in:**

- Great sound
- Learning system
- Monthly plan
- New technology & AI



### It is not indicated for:

- Profound hearing loss
- Unilateral hearing loss
- Mixed hearing loss
- Single-sided deafness
- Children



# 1. Focus on patient outcomes





## 2. Introduce the categories of hearing aids

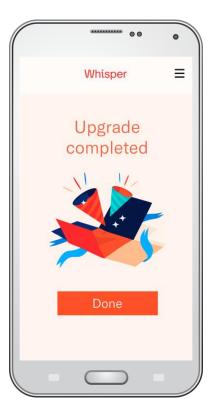


© 2021 Whisper | www.whisper.ai | Introducing Whisper | Tomorrow sounds even better.

::: Whisper



3. Share the benefits of a learning hearing system.



A leasing plan simplifies access for patients



- Ongoing, expert care from my office
- 3-year subscription for the Whisper Hearing System
- 3-year loss and damage warranty



- Regular software upgrades that may add features or improve sound processing
- \$139 per month (Normally \$179)

## How to handle a monthly plan in your office

- 1. After a successful trial, we convert it into a subscription
- 2. We introduce them to our billing coordinator who initiates the subscription process
- 3. The patient and coordinator come into the fitting room to collect information and create an account, and the patient signs before they leave
- 4. If there is a challenge, Whisper takes care of the issue with Allegro and the patient

The upgrade process has been very easy.... Whisper has delivered 3 upgrades this year alone:

- 1. The first improved understanding of conversations
- 2. The second added support for Android phone calls
- 3. The third continued improvements to the Sound Separation Engine and further improved contrasts between speech and noise

The upgrade process has been very easy....

- Currently patients come in for upgrades as Whisper trains both providers and patients on this new approach
- Whisper has ensured clinical awareness of the changes and gave me the opportunity to adjust the fit as needed
- My experience with these:
  - Experience has been excellent and patients like the improvements and concept of getting upgrades
  - At the appointment: You are not fixing a problem-you're improving their hearing system. Positive clinical and patient experience
  - Process is quick and seamless, and Whisper has been there to support me

### Patient Success Story



Hear today. Hear tomorrow.

- Patient G L Age 72
- Mild sloping to Moderately Severe Bilateral Symmetrical SNHL
- Previous user (5 Years)
- Was struggling in several listening situations and was interested in new technology
- Attended a Virtual Webinar on the Technology and process. Loved the concept, technology and process
- Pre and Post treatment SSQ

### Patients Success Story - Results

Questions	Pre-fit	Post Fit 80 Days	Diff
1) You are talking with one other person & there is a TV on in the same room. W/O turning TV down, can you follow what the person you're talking to says?	6	8	+2
2) You're listening to someone talking to you, while at the same time trying to follow the news on TV. Can you follow what both people are saying?	6	8	+2
3) You are in conversation with 1 person in a room where there are many other people talking. Can you follow what the person you are talking to is saying?	5	9	+4
4) You are in a group of about 5 people in a busy restaurant, You can see everyone else in the group. Can you follow the conversation?	5	8	+3
5) You're in a group & the conversation switches from one person to another. Can you easily follow the conversation w/o missing the start of what each new speaker is saying?	6	9	+3
6) You are outside. A dog barks loudly. Can you tell immediately where it is, w/o having a look?	4	6	+2
7) Can you tell how far away a bus or a truck is, from the sound?	5	7	+2
8) Can you tell from the sound whether a bus or truck is coming towards you or going away?	5	8	+3



### Patients Success Story - Results

Questions	Pre-fit	Post Fit 80 Days	Diff
9) When you hear more than 1 sound at a time, do you have the impression that it seems like a single jumbled sound?	6	9	+3
10) When you listen to music, can you make out which instruments are playing?	5	9	+4
11) Do everyday sounds that you can hear easily seem clear to you (Not blurred)?	5	8	+3
12) Do you have to concentrate very much when listening to someone or something?	7	9	+2
TOTAL	65	98	+33

### Combined Total = 34% and 33 Point improvement.

# **Final Thoughts**

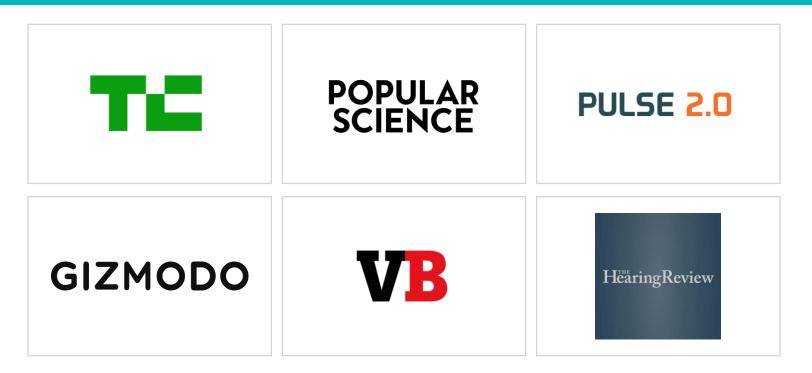
- Easy to introduce as a new category
- Easy Fit
- Easy to verify with Real Ear
- Easy to get patient to sign subscription
- Easy to handle upgrades





Introducing the Whisper Hearing System in your market: Mike Lowery, Growth Leader, Whisper

## Over 150,000 consumers interested in Whisper



:.: Whisper

# Whisper named in top 50 artificial intelligence firms



© 2021 Whisper | www.whisper.ai | Introducing Whisper | Tomorrow sounds even better.

Whisper In The News

### **Forbes**

• "The Top AI Companies to Watch in 2021"

## **New York Times**

"Hearing Aids for the Masses

## Fast Company

• "World Changing Ideas Awards 2021"

## **Android Police**

 "One of the most innovative hearing aid manufacturers is introducing support for Android" ::: Whisper





# Advantages to your practice

# Unique benefits of working with Whisper

### **Practice Benefits**

- First mover advantage
- New, compelling marketing message
- Retention through upgrades
- Price integrity
- Increasing satisfaction levels

### **Profit Advantage**

- Diversify your balance sheet with re-occurring revenue
- Immediate revenue post fitting high profit/year
- 3 year repurchase cycle increases lifetime value
- No hassle of managing cost of goods or monthly payments

#### ::: Whisper

## What attracts patients

# Staying current with technology

- Access to a hearing system that regularly improves with upgrades
- Access to the newest hardware every 3 years

### Unique pricing model

- All inclusive plan
- No upfront costs
- Affordable monthly payments
- Similar to cell phones

### Your care

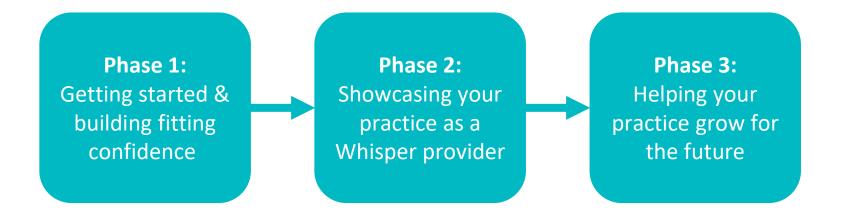
- Expert care at the local level
- Ongoing support through their hearing care journey
- Included in the monthly plan



# Introducing Whisper to your local marketplace

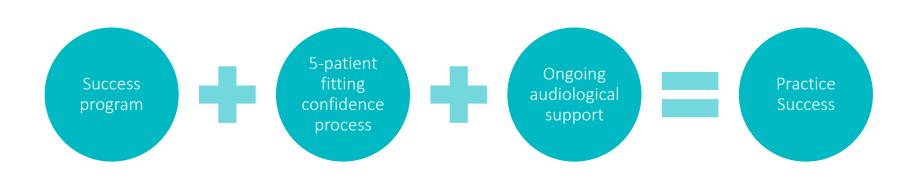
::: Whisper

### Whisper's Success Program Helping your practice succeed with Whisper





### Becoming an expert in a new category



#### :.: Whisper

## Be at the forefront of introducing Whisper to your marketplace

### Month 1

- Website
- PR Announcement
- Database letter/newsletter
- Waiting room videos

#### Month 2

 Special event: Whisper Challenge Event, Fitting Day

### Month 3

Educational AI webinar to introduce your patients to the promise of AI in hearing care

## Website

Featuring Whisper on your practice website will elevate your practice as the local, independent hearing care clinic offering the latest breakthrough technology

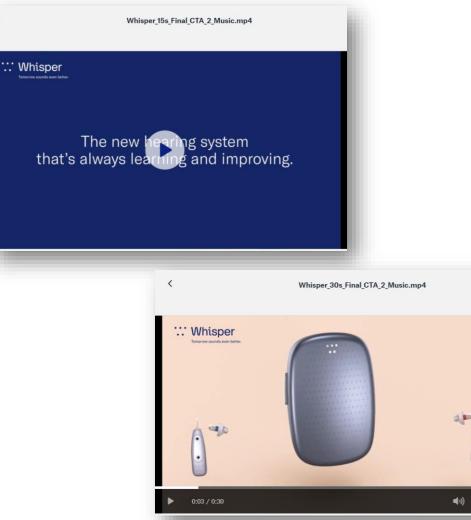
#### We can provide:

- Home page header graphic
- Home page special feature content
- Hearing aid manufacturer/brand page content
- Detailed technical content for analytical patient types



Videos

Waiting room videos with and without music



<

ø



#### **Database Letter**

- 2-3 Week Lead Time
- Combine new patient acquisitions with existing patient upgrades to realize clinical confidence and success for your practice.
- Bring the excitement of Whisper to your existing patient database with a letter designed to upgrade existing users and reengage Tested Not Sold patients with a special fitting event.



#### ::: Whisper

### **Educational Webinar**

Introduce new and existing patients to the breakthrough AI-powered Whisper hearing system in an open, educational style forum.





## **Special Fitting Event**

Leverage marketing vehicles that work in your market with Whisper-provided creative customized for you, and discuss possible co-op opportunities with Whisper Marketing team.

#### Consider one or more of the following:

- Follow Up Database Letter
- Newspaper Ad/Inserts
- Practice Newsletter
- Practice Website
- Direct Mail
- In-Person Consumer Seminar
- Digital Search & Display
- Social Media Paid & Organic Magazine Radio TV Physician Referral Marketing



::: Whisper

#### Challenge Event





∵ Whisper

# Tomorrow sounds even better.



# Q & A

© 2021 Whisper | www.whisper.ai

Confidential. Property of Whisper. Internal Use only MKT 0037C | 81

## Appendix

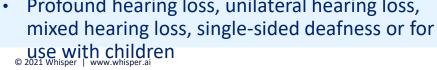


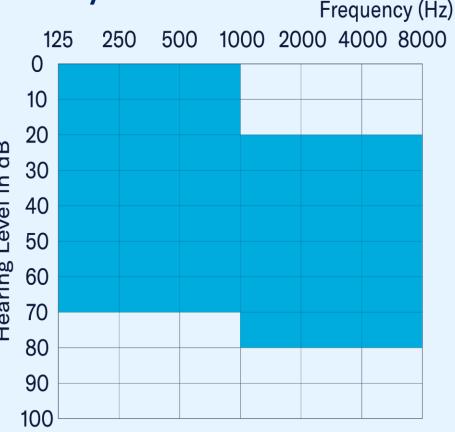




# Who do I select clinically?

 Adults with mild to severe hearing loss Mild to severe up to 85Db 0 Existing & new users • Level in dB Interested in: • Great sound • Learning system • Hearing Monthly plan • New technology & AI • It is not indicated for: Profound hearing loss, unilateral hearing loss, •





# Upgrades process is easy

Whisper has delivered 3 upgrades this year alone:

- 1. The first improved understanding of conversations
- 2. The second added support for Android phone calls
- 3. The third which just launched at the beginning of this month continued improvements to the Sound Separation Engine and further improved contrasts between speech and noise
- Currently having patients come in for upgrades as Whisper trains both providers and patients on this new approach
- Whisper has ensured clinical awareness of the changes and gave me the opportunity to adjust the fit as needed
- My experience with these—what did patients say, how did I find the process

# Add Anniversary of Whisper

## Videos

#### Waiting room videos with and without music



