

6/5/20

## A New Generation Delivering OpenSound Experience



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life-changing technology

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## Learning Outcomes

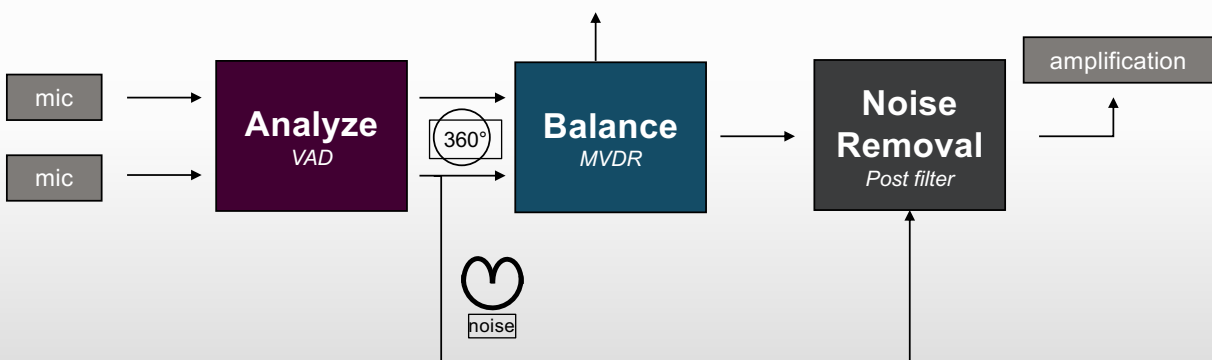
- Describe how the new technology discussed in this course can further improve speech understanding in difficult listening situations.
- Describe the new range products being introduced by Oticon.
- Summarize the benefits of the new technology discussed in this course.
- List the steps for setting up connectivity and rechargeable devices from Oticon.

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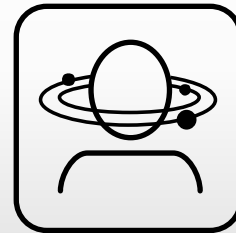
## How does it work?



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## Our Challenge:

How can we bring the full benefit of OpenSound Navigator™  
to **more patients ... more often?**



OpenSound  
Navigator™

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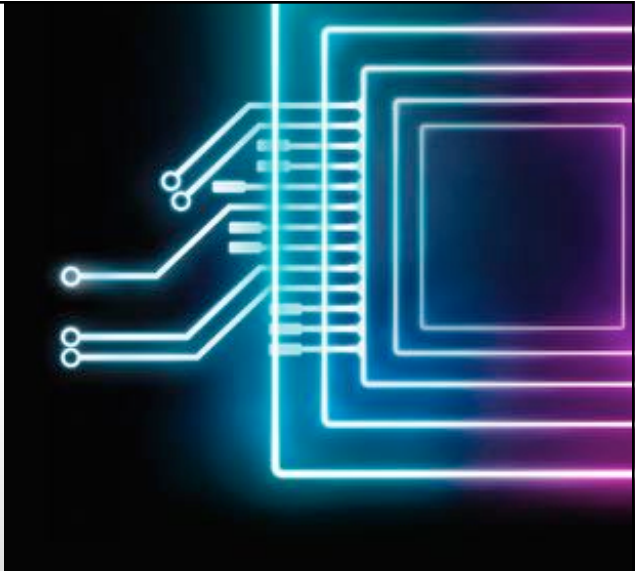
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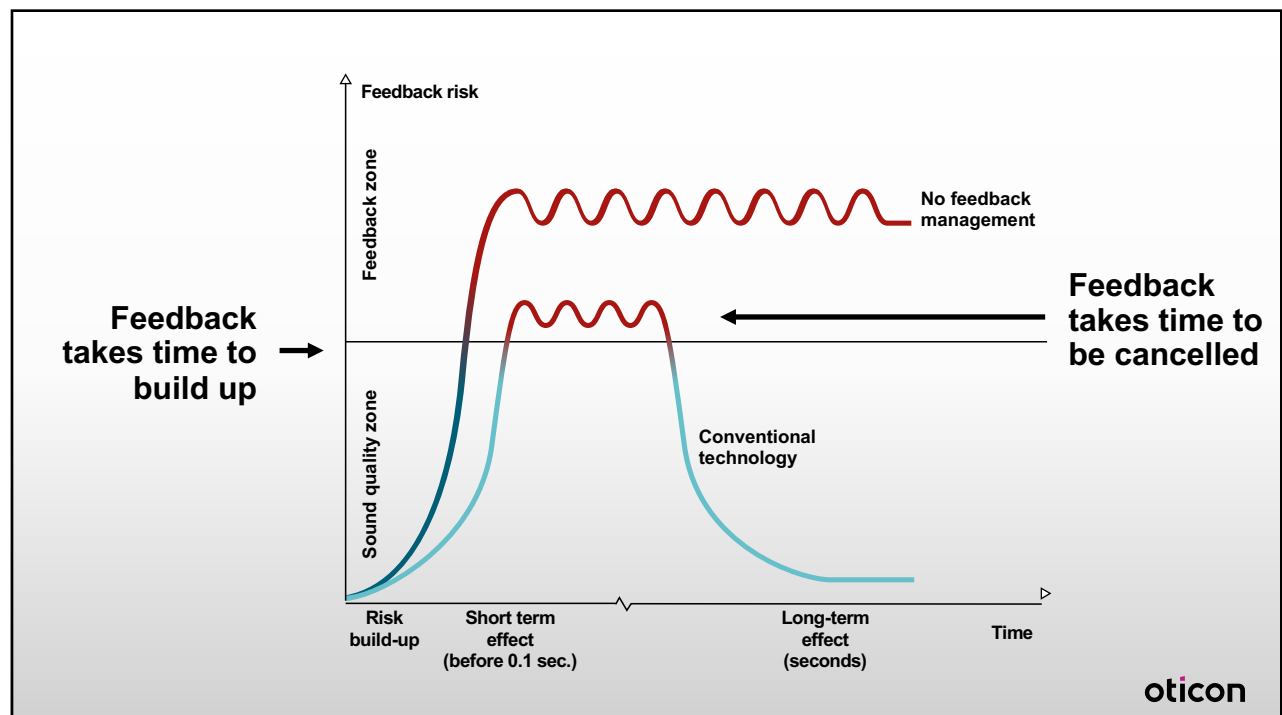
# Velox S

- Increased processing power
  - 56,000 measurements per second (30 times faster)
  - Enables OpenSound Optimizer™
- Enables new rechargeable solution

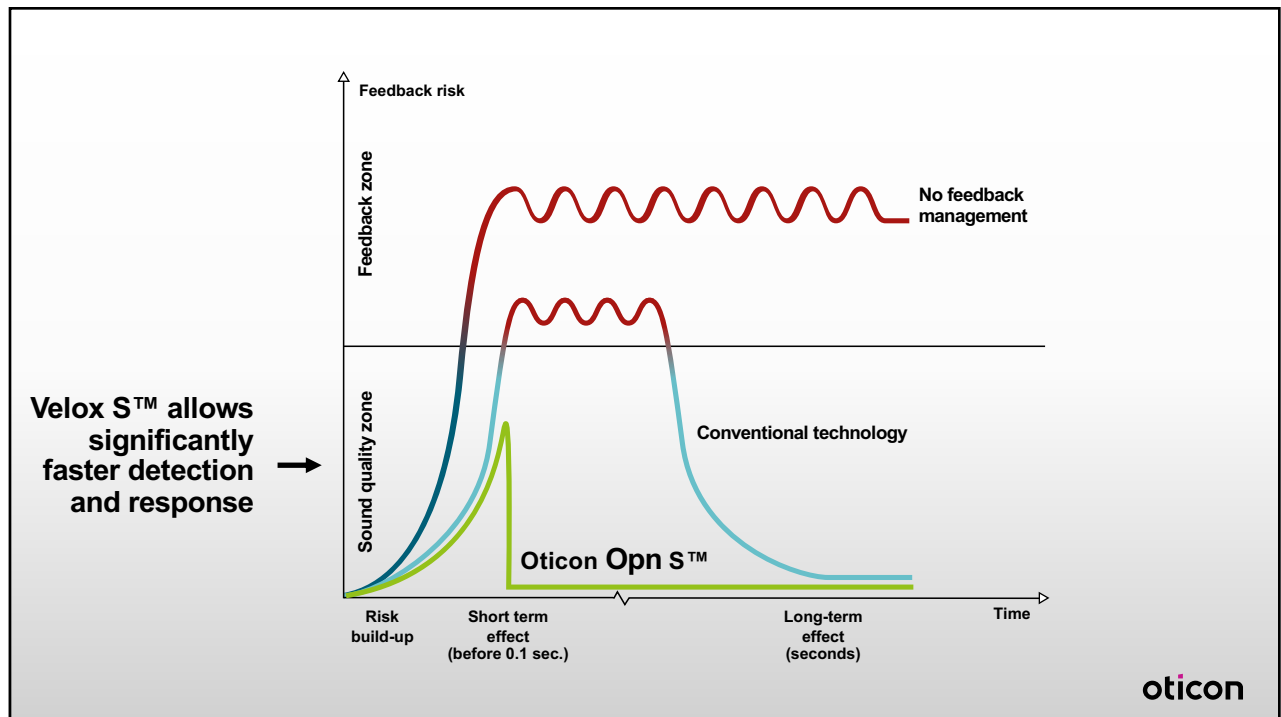


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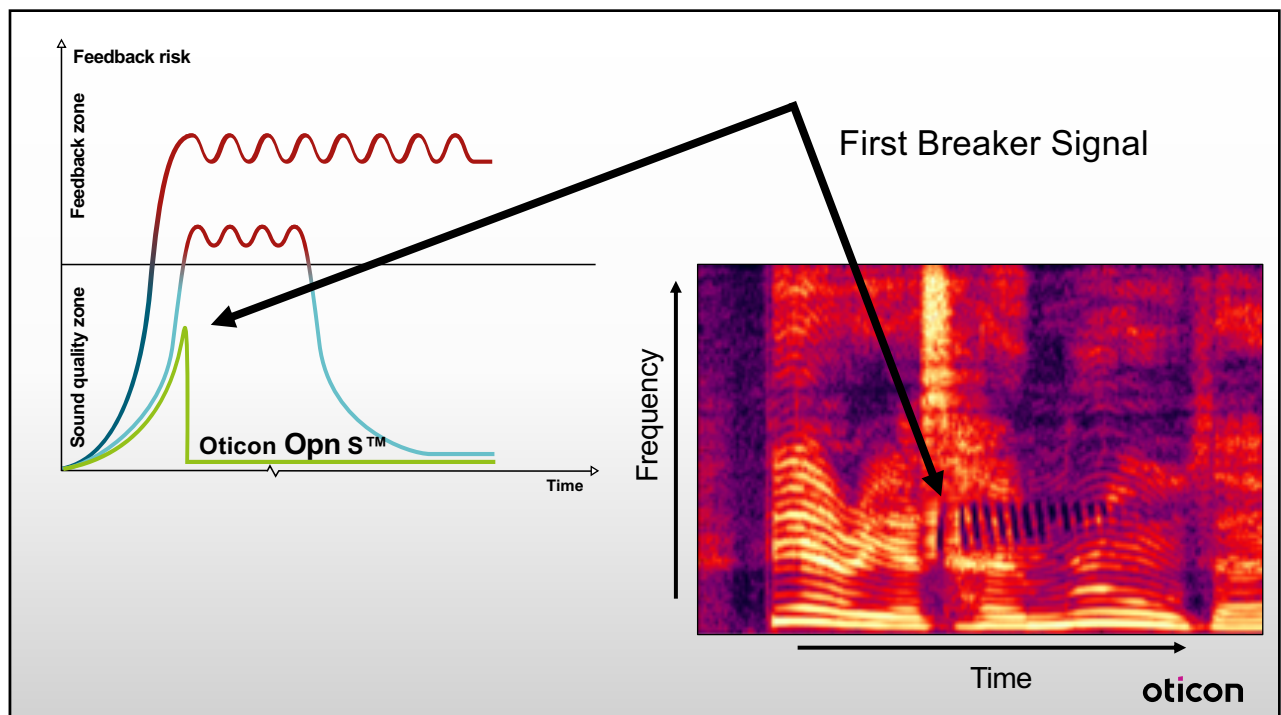
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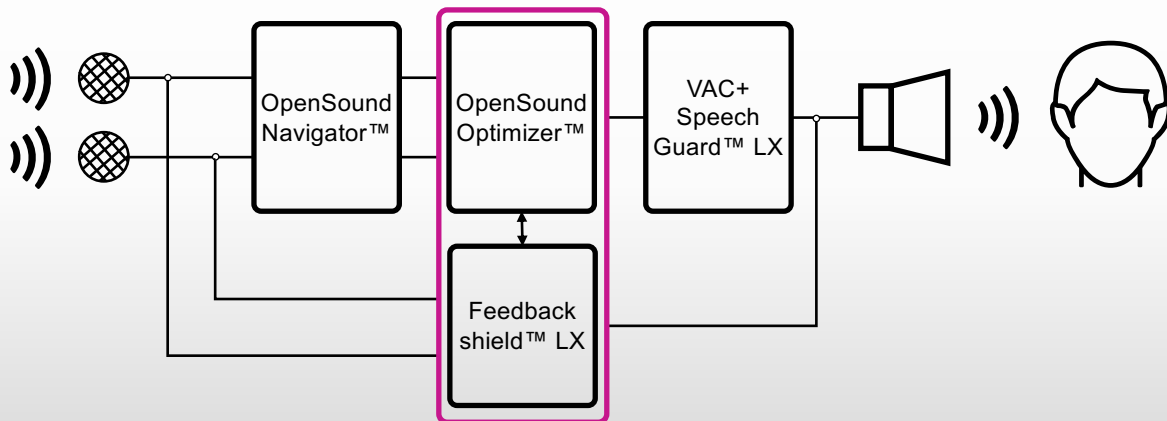


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## OpenSound Optimizer™ in the processing scheme



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## Two key improvements



Speed/resolution



Cancellation technique

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## Unique Hearing Aid Innovation

**United States Patent**  
Kunzle et al.  
(12) Patent No.: US 9,826,319 B2  
(45) Date of Patent: Nov. 21, 2017

**United States Patent Application Publication**  
KURIGER et al.  
(12) Pub. No.: US 2018/0063654 A1  
(43) Pub. Date: Mar. 1, 2018

✚ 5 Other patent applications in US, CN, EU on core technology and fitting

✚ 3 Scientific Papers

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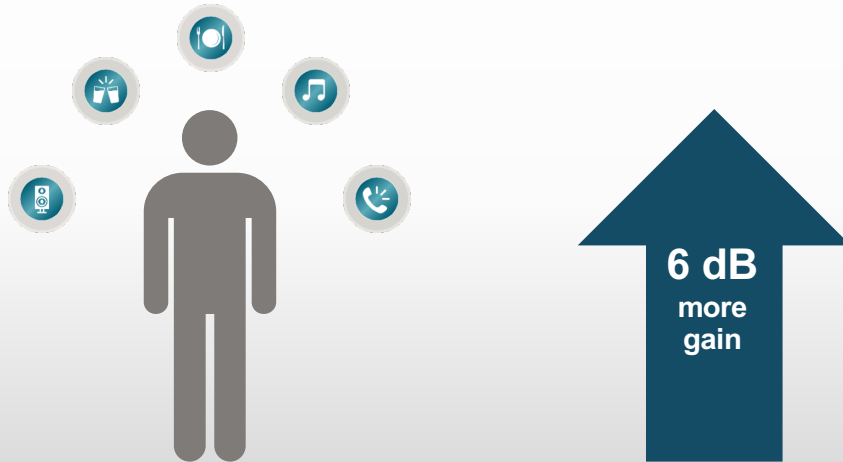
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## Who benefits?

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## OpenSound Optimizer™ allows for more gain



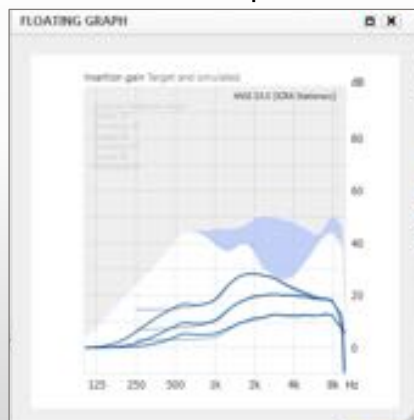
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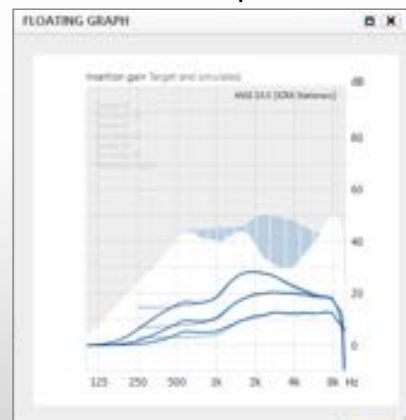
## Gain reduction by feedback system

Static situation – no provocation

Oticon Opn™



Oticon Opn S™



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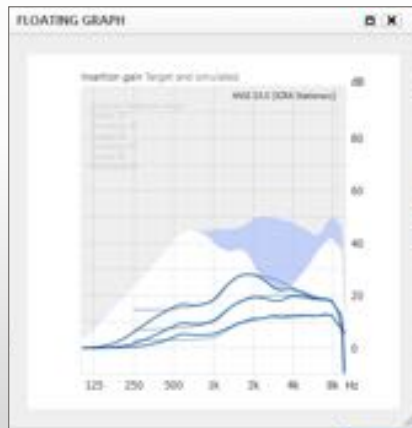
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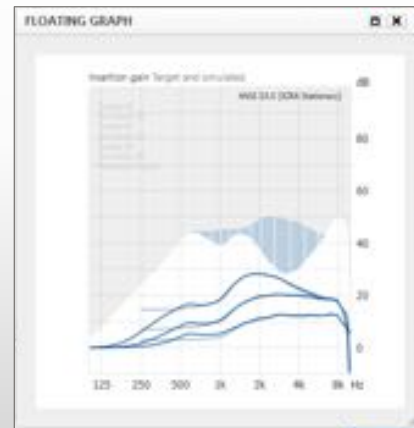
## Gain reduction by feedback system

Dynamic situation – biting an apple

Oticon Opn™



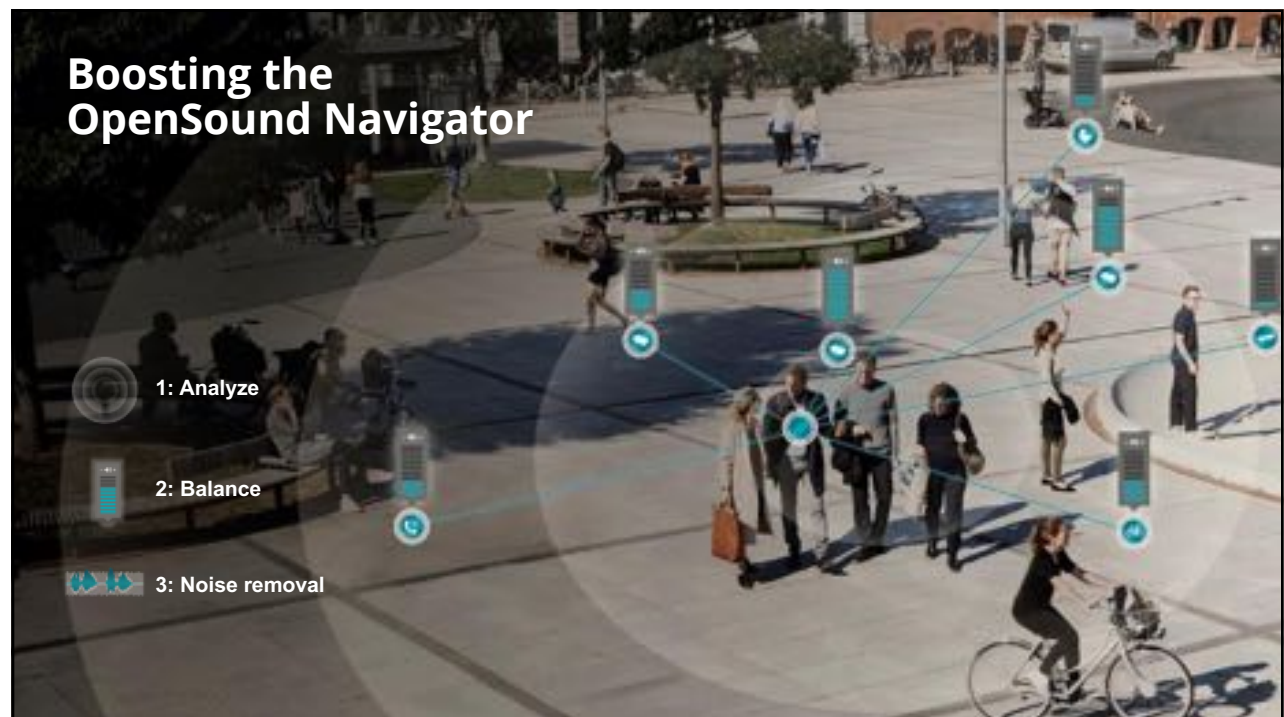
Oticon Opn S™



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## Boosting the OpenSound Navigator



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**Why not set it to Very High permanently in P1?**

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**User  
Empowerment**



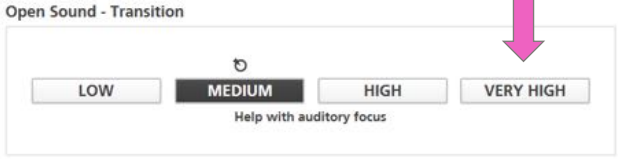
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## Differences:

### Booster Oticon On App



### Very High in Genie



- Noise Removal not automatically changed
- NR effects not extended to soft sounds

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## The Oticon Opn S family

The options



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## A high performing lithium-ion solution

Quick, efficient, and simple charging

Easy to power  
Fast charging  
Quick recharge  
Reliable charging  
Easy to insert



Smart automatic ON/OFF  
Intuitive status  
Discreet power LED  
Modern look

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## Opn S 1 and Opn Play miniRITE R packaging



- miniRITE R delivered with li-ion battery inside
- Battery drawer open to avoid degradation
- R/L color markers included



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## Charging the hearing aids – Opn S MiniRITE R

- Fully charge instruments before fitting appointment
- Fit and counsel as usual
- Partial charge - advise patient to fully charge hearing aids for 3 hours at home

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## Market-leading charging time

Charging time for a completely drained battery



3 hours	1 hour	0.5 hour
Fully charged	50% charged	25% charged

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## Practicalities on miniRITE R

Push button control



Status LED



New battery door  
Right/left marking, CE  
marking and serial number

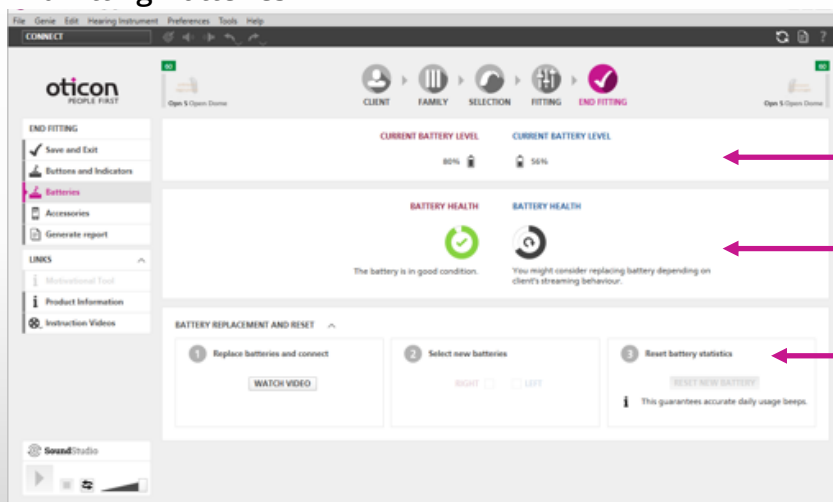


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## miniRITE R in Genie 2

### End Fitting/Batteries



Current battery level

Battery health

Battery replacement

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## Shipping to Oticon



- Leave battery inside device; battery door closed
- Use current UPS bags & labels
- Add Oticon provided label below UPS label

## Recycling



- Batteries replaced in your office must be recycled
- Know your city & state guidelines
- Battery integrity is checked in service & replaced when needed

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## Lithium-Ion Transport Labeling: Shipping devices to Oticon

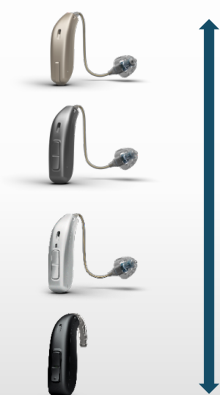


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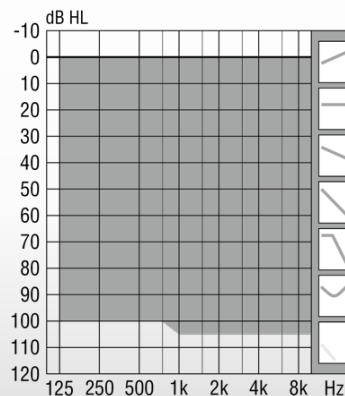
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## Oticon Opn S fitting range

All the way up to severe-to-profound losses



0 – 105 dB HL



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## miniFit earpieces- miniRITE, miniRITE T, & miniRITE R

A variety of options



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## miniFit earpieces

A variety of options



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## Colors

Find the client's favorite look



**CO90**  
Chroma Beige

**CO94**  
Terracotta

**CO93**  
Chestnut Brown

**CO63**  
Diamond Black

**CO92**  
Steel Grey

**CO91**  
Silver Grey

**CO44**  
Silver

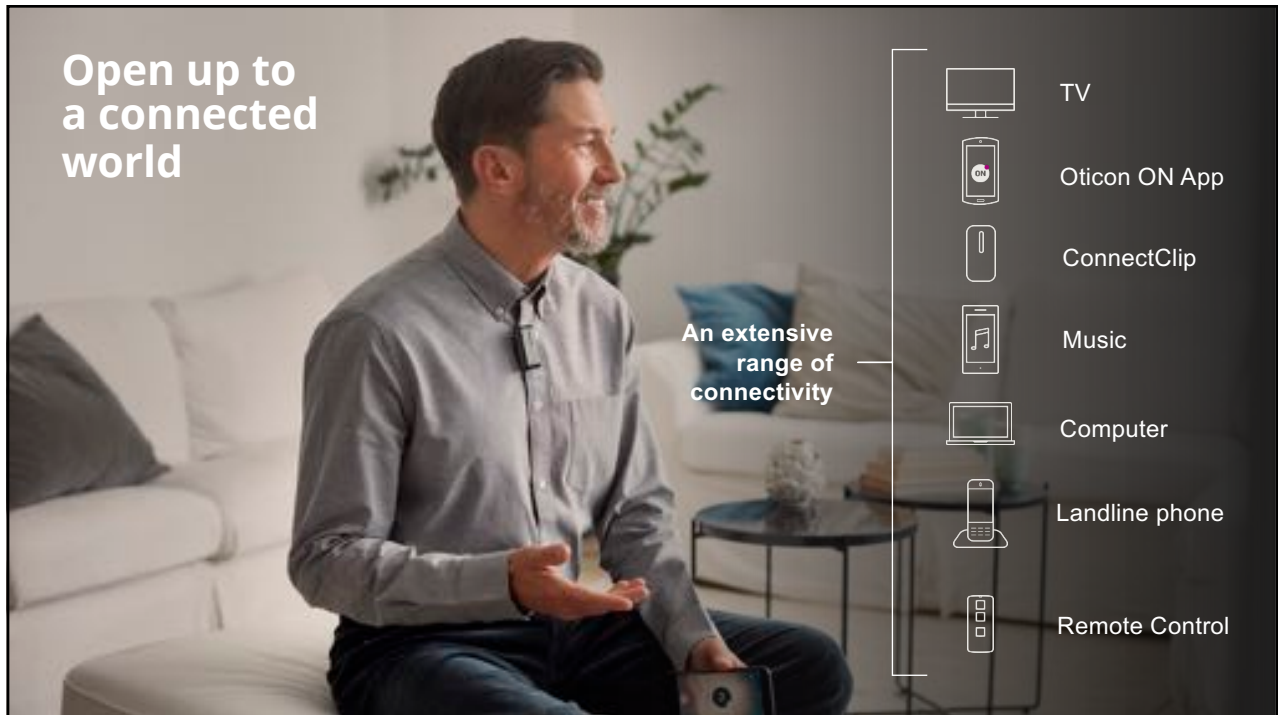
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**Open up to  
a connected  
world**

An extensive  
range of  
connectivity

- TV
- Oticon ON App
- ConnectClip
- Music
- Computer
- Landline phone
- Remote Control

A man with a beard and short dark hair, wearing a light blue button-down shirt, is sitting on a white sofa in a modern living room. He is smiling and looking towards the right. To his right, a vertical list of icons and text is displayed on a dark background. The icons represent various devices: a TV, a smartphone with the Oticon ON App, a small clip-on device (ConnectClip), a music note, a laptop (Computer), a landline phone, and a remote control. The text 'An extensive range of connectivity' is written in white above the list.

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**How does Opn S compare  
to Opn overall?**

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## Internal clinical validation

### Background

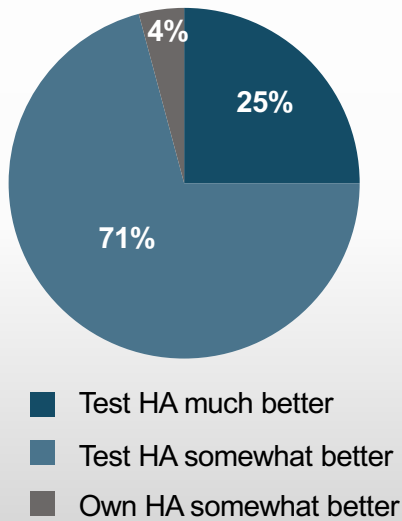
#### Participants:

- 24 participants
  - 12 BTE PP users
  - 2 miniRITE T 60 speaker users
  - 10 miniRITE T 85 speaker users
- Mean age: 73,5 years
- Mix of hearing losses
- All participants are experienced and satisfied Oticon Opn 1 users

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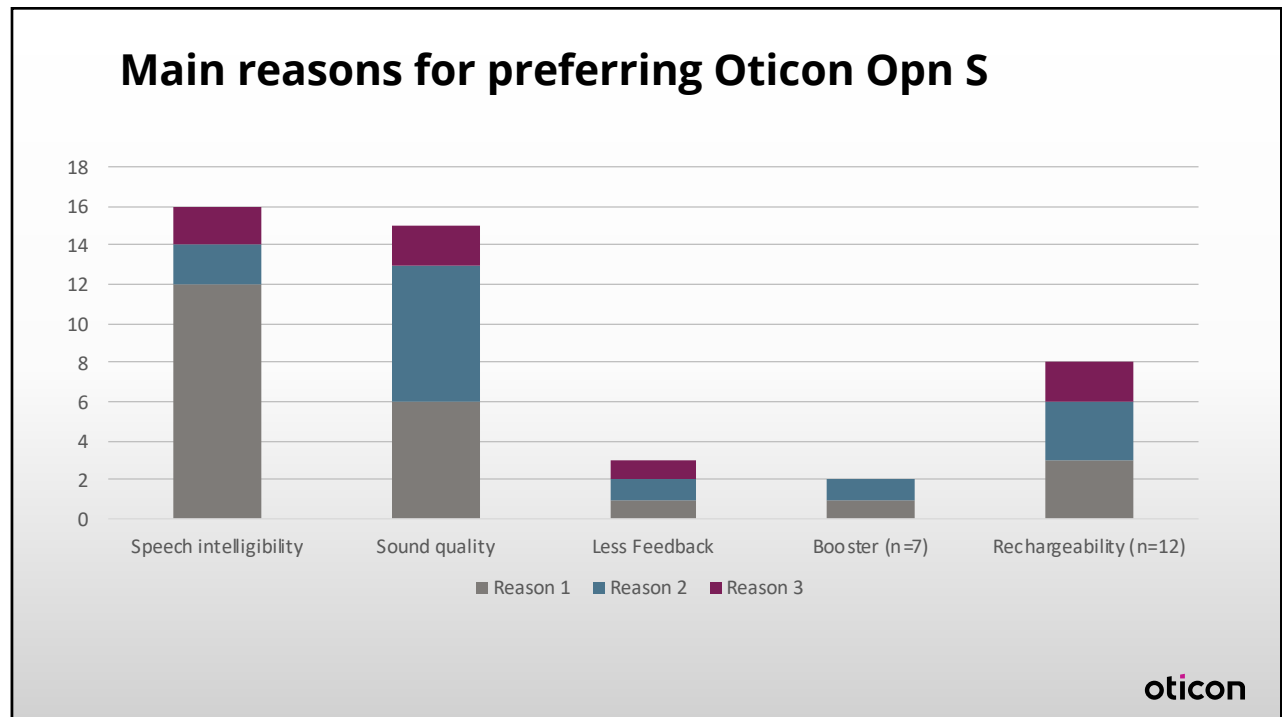
### 96% prefers Oticon Opn S over Oticon Opn



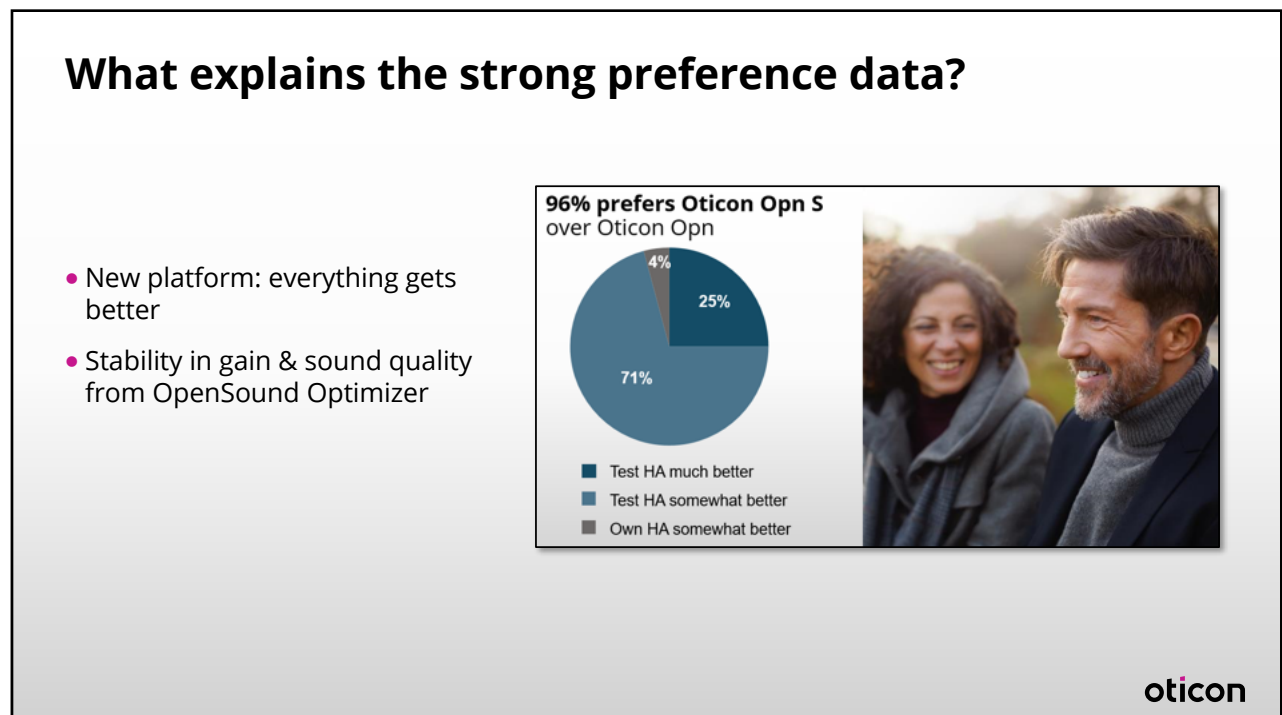
Oticon Opn S promotional sheet, 2019



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## Programming in Genie 2

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### Summary

- Velox S platform
- OpenSound Optimizer is a breakthrough in sound quality and speech understanding
- Boosting OpenSound Navigator
- Next-level BrainHearing benefits.
- State-of-the-art rechargeable lithium-ion miniRITE R.



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