
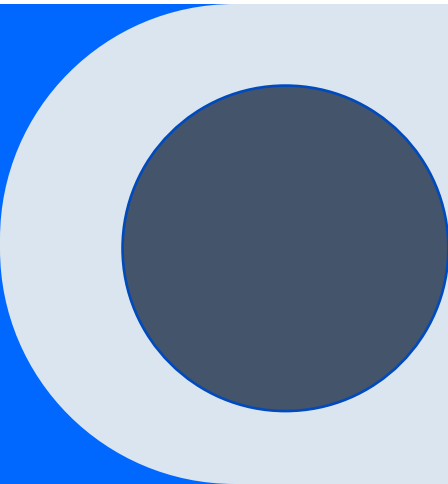




Teleaudiology: Optimizing the Audiologist's Scope of Practice Through Remote Care

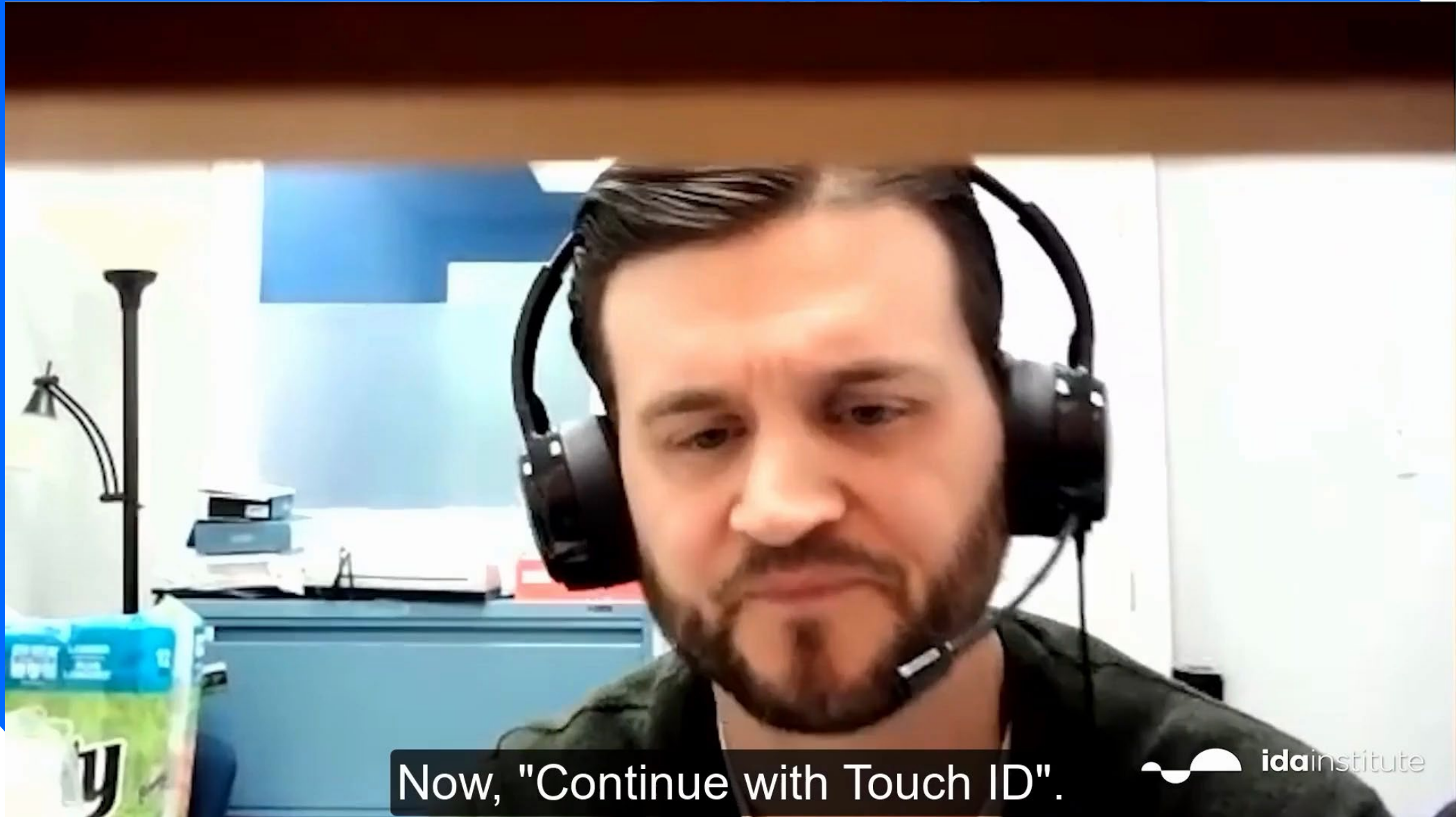


Trevor Menchenton
Doctor of Audiology
October 15th 2022

Agenda

- Truths and misconceptions
- Opinion in the audiology community
- Evidence based practice
- Experience in the field
- Public offerings
- Opportunities for the profession

It's not always the problem you think it is....



A quick example

HA user since 12 yoa

Innumerable health complications

Difficult analog-to-digital conversion

Inability to accept advanced HA functions

Auditory sensitivity, dynamic range, hearing above 4kHz

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HA user since 12 yoa

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How does someone so generally overwhelmed by technology feel about remote care appts?



Truths and misconceptions

Different models & flexibility of implementation

Scheduling (pros & cons)

Point of contact (FO, digital database)

Power shift

Familial involvement

Technological challenges (**bilateral**)



Karen's reflections on partnership and the appointment



Truths and misconceptions



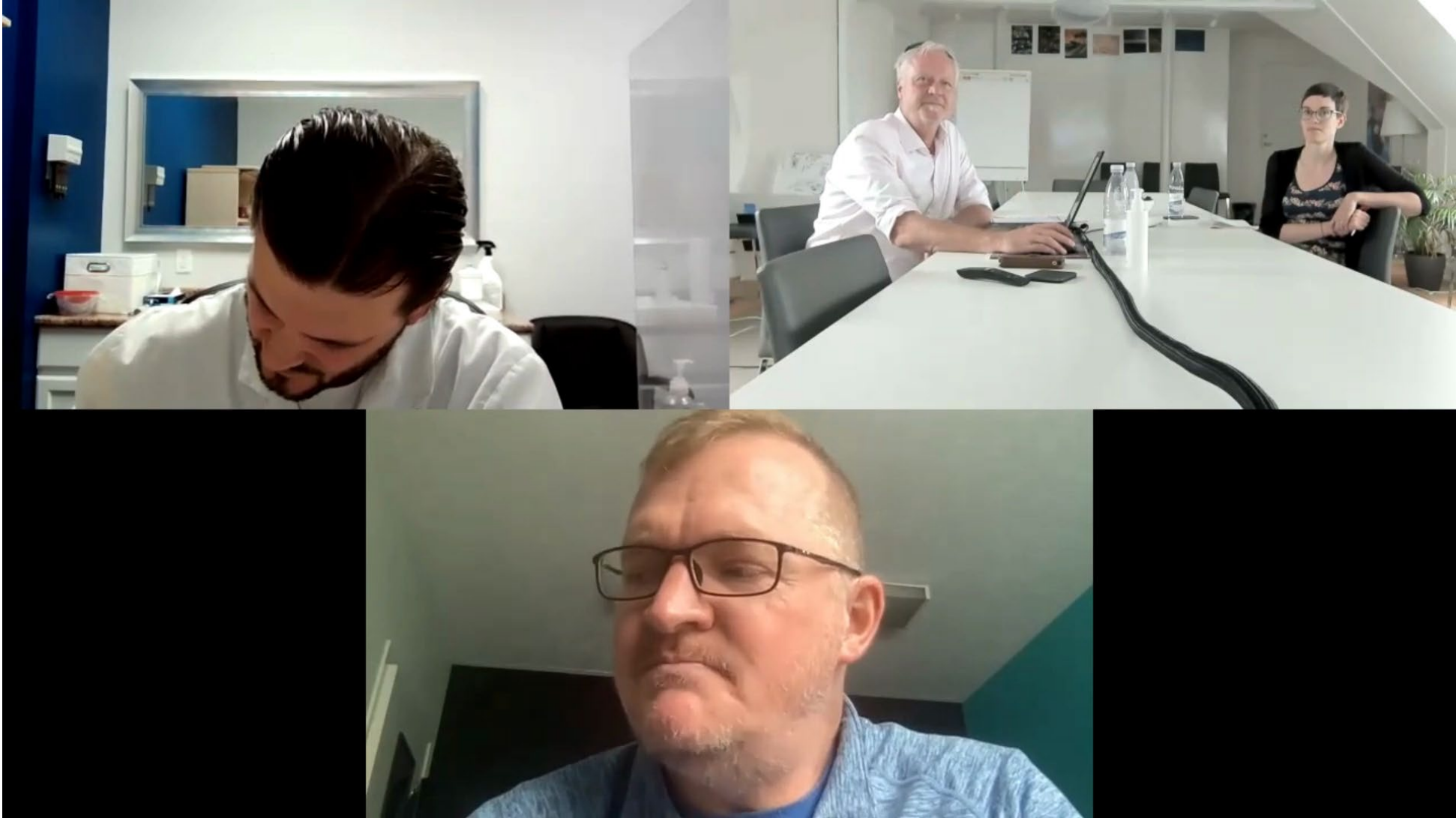
Karen's growth

Differentiation from big box / retail

Elevation of the profession

A new narrative for hearing health care

“What would you say are the primary differences from your perspective when you compare an in-person appt to a remote one?”



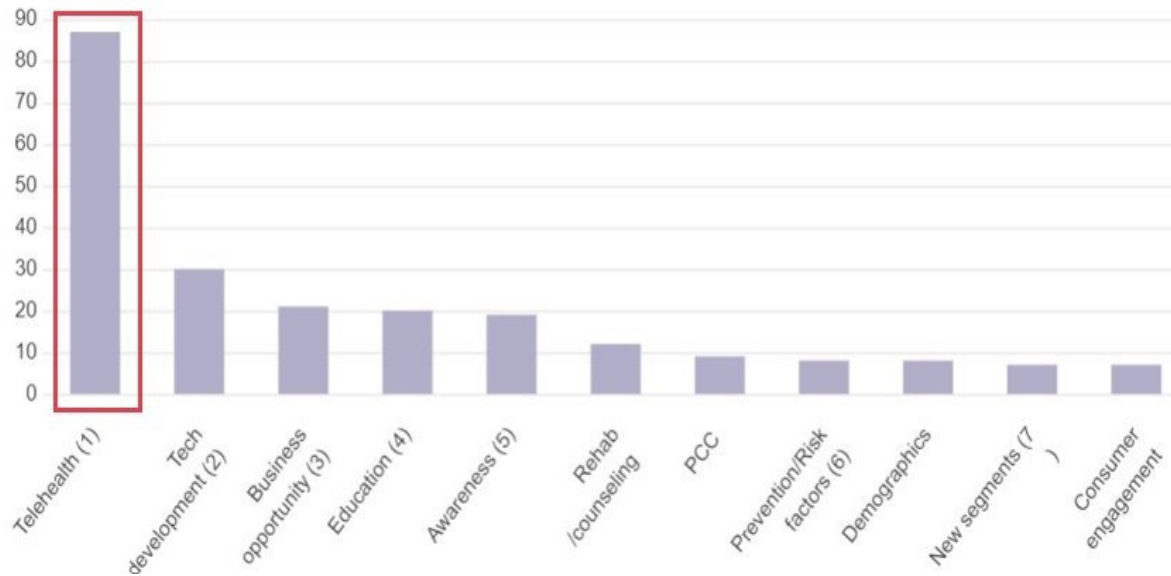
When one member of the family has a hearing loss...



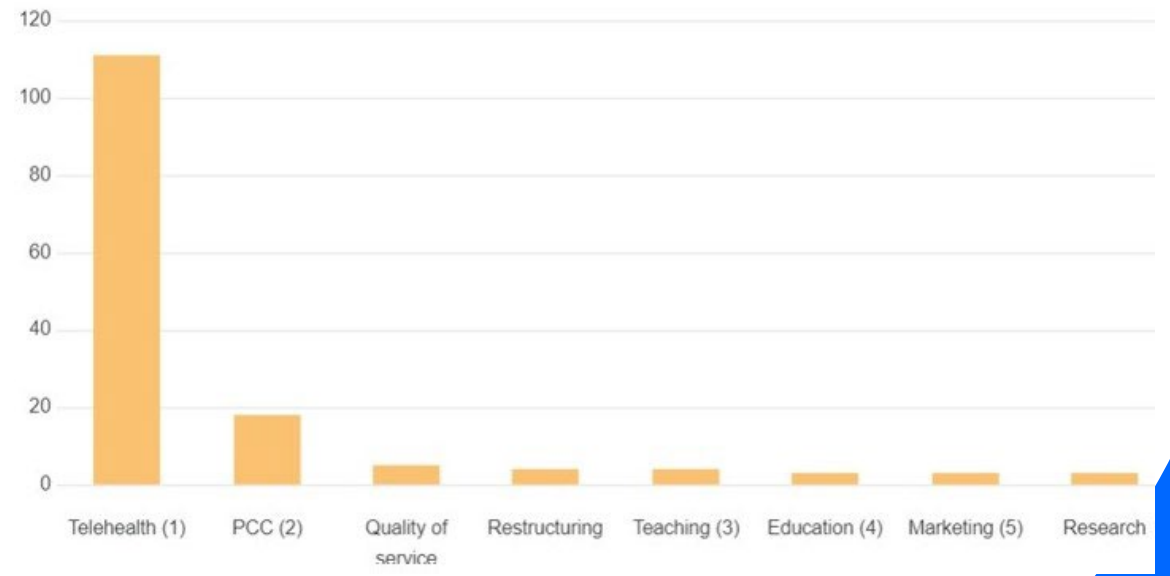
How do audiologists around the world feel about it?

Aug 23/22: Google search for “teleaudiology” = 45,500 results, 2480 videos

What are the biggest opportunities for the profession (5-10y); n=302



What changes have you made to prepare for HHC in future (5-10y); n=180



Data courtesy of the IDA Institute

EBP – what’s already been done?

- No need to reinvent the wheel, models exist across most professions

Manufacturers	Tips and tricks handouts
Non-profit / Patient advocacy	Brochures & Surveys
Regulatory bodies	Active forms & Online starter kits (e.g. Ida, Audiology Australia)
Hospitals	Courses & training

- Delivery augmentation (handouts, online forms, surveys, phone/video calls, etc)
- CAA, SAC, CHHA, AAA, ASHA, HLAA, BAA, ACA, SAAA, Veterans Affairs, Ida Institute, Hearing Matters Australia, **Audiology Australia – Online Appt Starter Kit**



Being person-centered online

Ena Nielsen, Associate Director, Ida Institute



my_hearing_explained_Children_03 interactive.pdf - Adobe Acrobat Reader DC

Edit View Window Help

Home Tools Document 1 / 1

My ability to hear sound:

(R)

(L)

My ability to understand speech:

(R)

(L)

My everyday life

What I struggle with:

What I can hear:

Who and where would I like to hear better:

- 1.
- 2.
- 3.

My next steps

Technology to help me:

Comment

Fill & Sign



Yeah.



My ability to understand speech:

(R)

(L)

My energy for listening:

Who and where would I like to hear better:

1. I would like to hear my couch better
2. outside. People with masks on
3. When people whisper to me

My next steps

Technology to help me:
 Hearing aids with bluetooth
 FM system at school

What can I do to hear my best:

1. Ask for repetition
2. Take off their mask and face them
3. I can ask them to speak a bit louder

How can others help me hear my best:

Others can speak louder

Other:

Comment

Fill & Sign

Convert and edit PDFs with Acrobat Pro DC

Start Free Trial

Audiology Innovations

- Dr. Carrie Scarf R.Aud, Ph.D.
- Masters from Dalhousie U
- Ph.D. in auditory behavioural neuroscience from U of Calgary (Dr. Jos Eggermont)
- Canadian Hard of Hearing Dr. Norah Browne Professional award recipient March 2022
- Province of Alberta Minister of Seniors and Housing Seniors Service award recipient Oct 2022





Opportunities for the profession

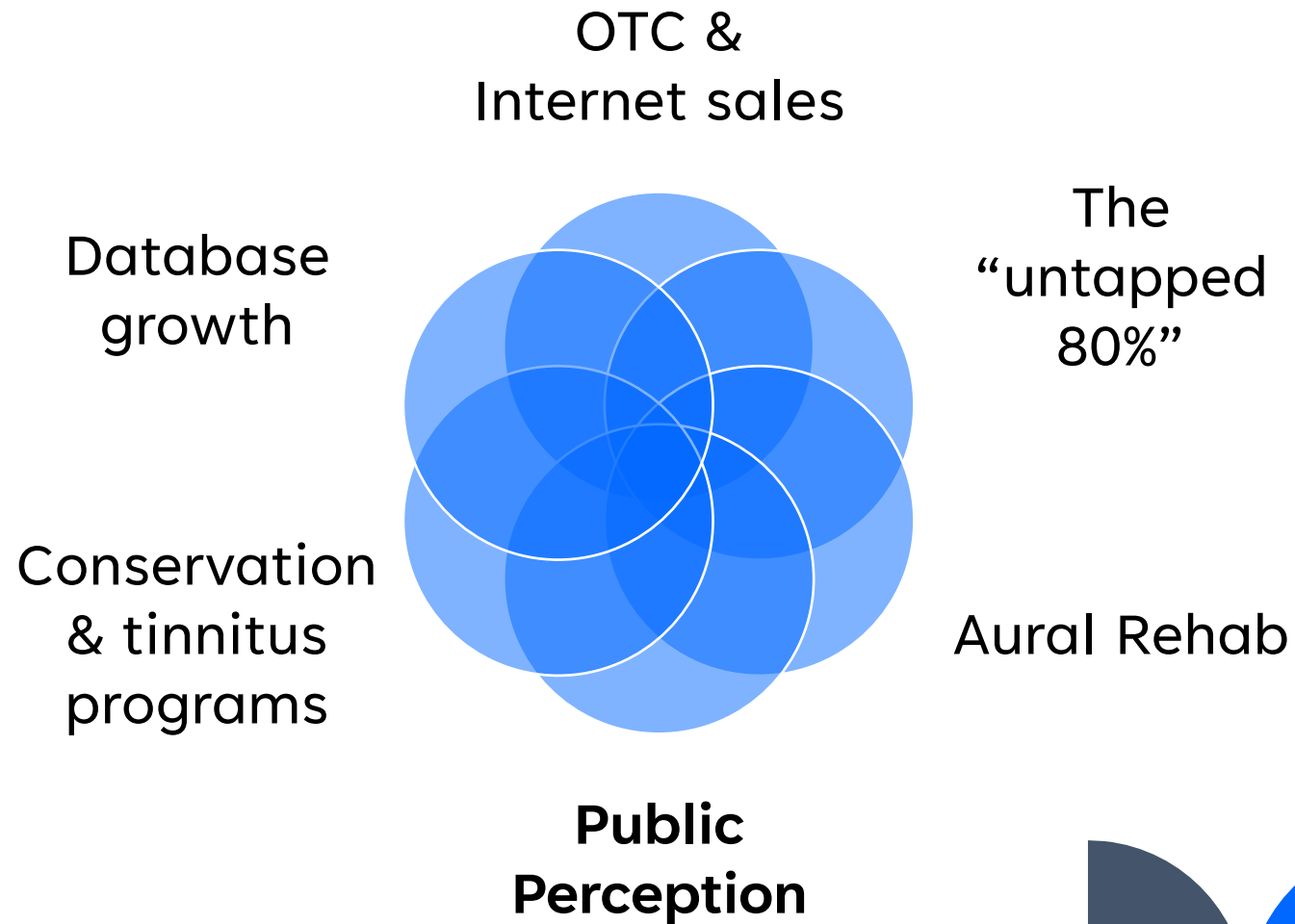
Confidentiality barriers - mental health counsellors, physicians, governments, etc.

Unrivalled opportunity to highlight advances in both the profession and the technology

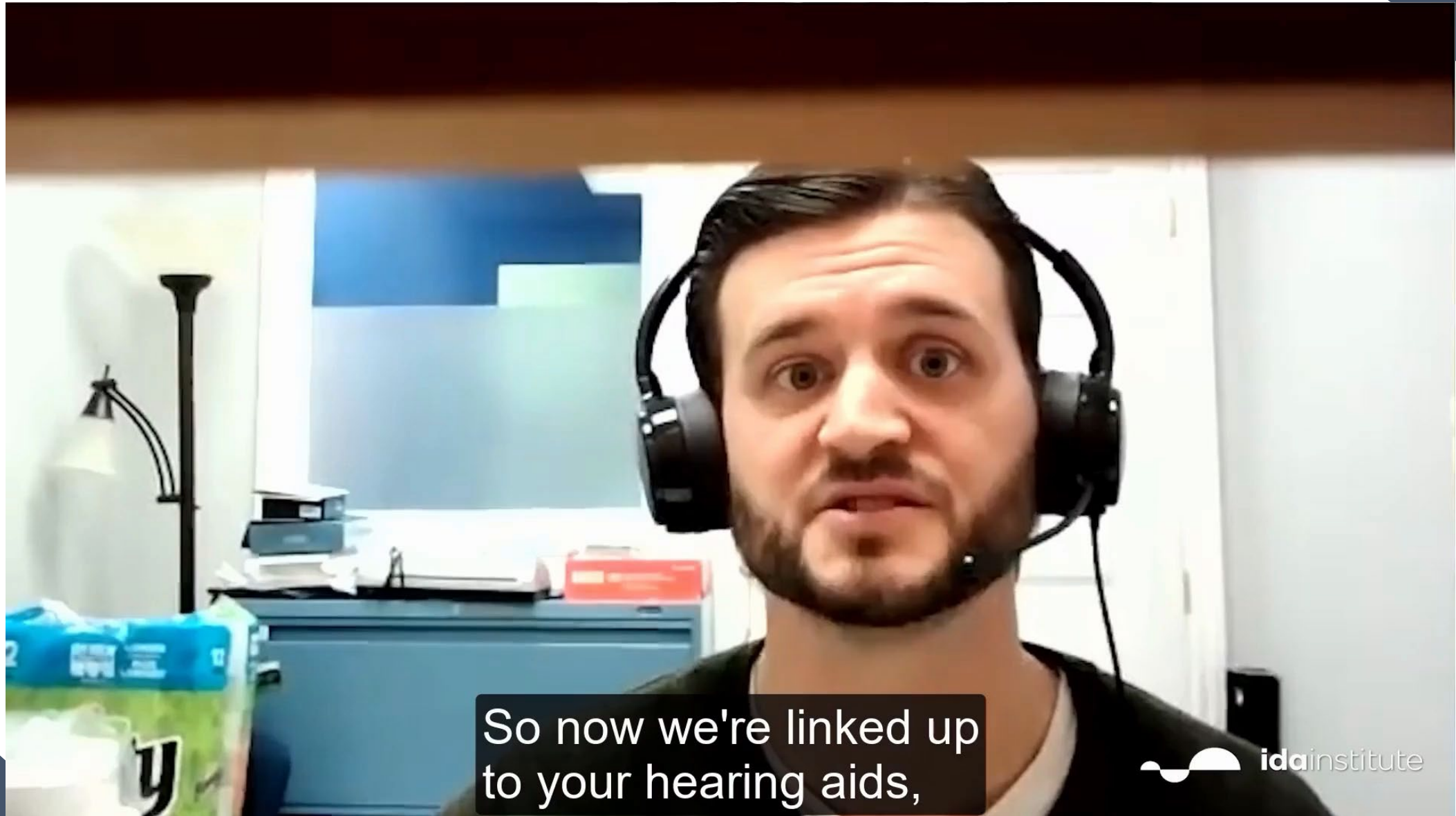
However we can make ourselves more relevant, **we should**

KISS - Complete package of all information and resources available for anyone who requests it

Immense applicability



There are many levels of value



So now we're linked up
to your hearing aids,



Appreciations, Questions & Queries

- Thank you!!!!
 - Ena, Hans Henrik and others from the Ida Institute
 - Audiocorp team
 - Dr. Carrie Scarf at Audiology Innovations
 - Derek, Karen, Marlene, other participants
 - Manufacturers and other agencies
- Files available through CAA
- Trevor Menchenton Au.D.
trevor@audiocorp.ca; trevor@audioforward.ca