

RT : STRATEGIES TO IMPROVE ACCESS OF HEARING HEALTH CARE

■ Pr. B. FRAYSSE



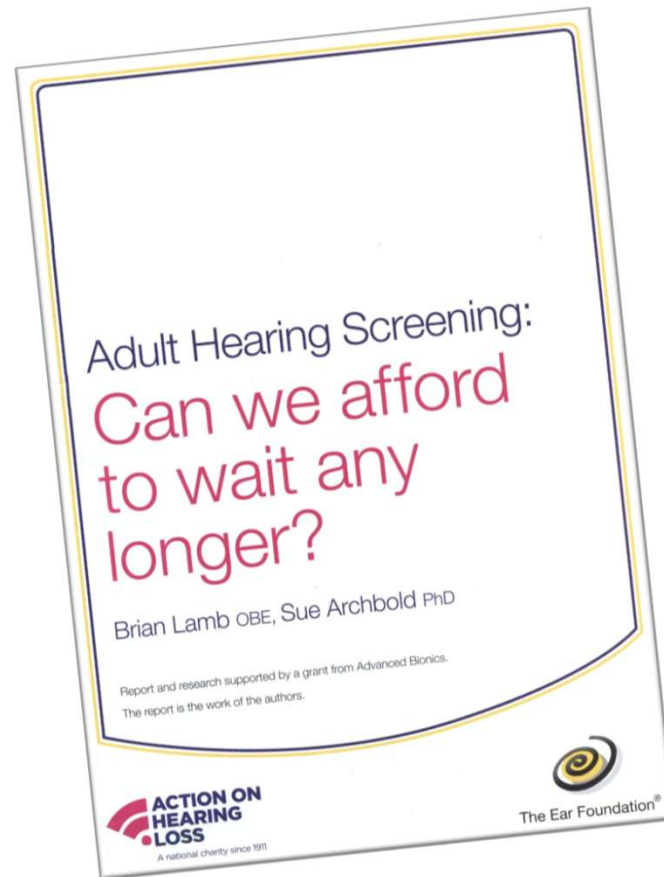
SHANGHAI

November 30th - December 4th, 2025

TOPICS TO BE DISCUSS

- Delay in access
- Barriers for early identification
- Audiological criteria for adoption (HA)
- Referral system
- Affordability and impact of cost

WHAT ARE THE BARRIERS FOR EARLY IDENTIFICATION IN ADULT AND HOW THIS BARRIERS CAN BE OVERCOM ?



What evidence public health need to make decision ?

Long-term cost-effectiveness of screening strategies for hearing loss

Chuan-Fen Liu, PhD, MPH;^{1-2*} Margaret P. Collins, PhD, CCC-A;¹ Pamela E. Souza, PhD, CCC-A;³ Bevan Yueh, MD, MPH^{1,4-5}

Table 3.
Effectiveness of hearing loss screening, unadjusted.

Effectiveness	Control (n = 897)	Otoscope (n = 454)	Questionnaire (n = 449)	Dual Screening (n = 451)	p-Value*
Screened Positive For Hearing Loss (%)	—	18.1	58.8	63.4	<0.001
Having an Audiology Visit (%)	11.4	14.5	23.2 [†]	27.1 [†]	<0.001
No. of Audiology Visits per Participant (mean ± SD)	0.21 ± 0.76	0.29 ± 0.88	0.32 [‡] ± 0.68	0.42 [†] ± 0.86	<0.001
Using Hearing Aid 1 Year After Screening (%)	3.3	6.4 [‡]	4.1	7.5 [†]	0.003

*Based on analysis of variance test of equality across four group

[†]Significance level compared with control group, $p < 0.001$.

[‡]Significance level compared with control group, $p < 0.01$.

SD = standard deviation.

This study show that screening is inexpensive an effective

MAKE THE INFORMATION ACCESSIBLE FOR THE MOST VULNERABLE POPULATION

EDI database

GOV.UK

Blog

Social work with adults

Organisations: [Department of Health and Social Care](#)

Acquired hearing loss guide for social workers launches

Lyn Romeo, 15 May 2018 - [Education and training](#), [Knowledge and skills](#)

Social workers make a unique contribution to making the world a better place, but doing so requires a range of knowledge and skills. But what specific knowledge and skills are needed when working with the increasing number of adults with acquired hearing loss?

In this guest blog to mark [Deaf Awareness Week](#), Peter Simcock, Senior Lecturer in Social Work at Birmingham City University and former social worker with deaf people, describes a collaborative project to produce a [good practice guide](#) for social workers in England and Wales working with adults with acquired hearing loss.



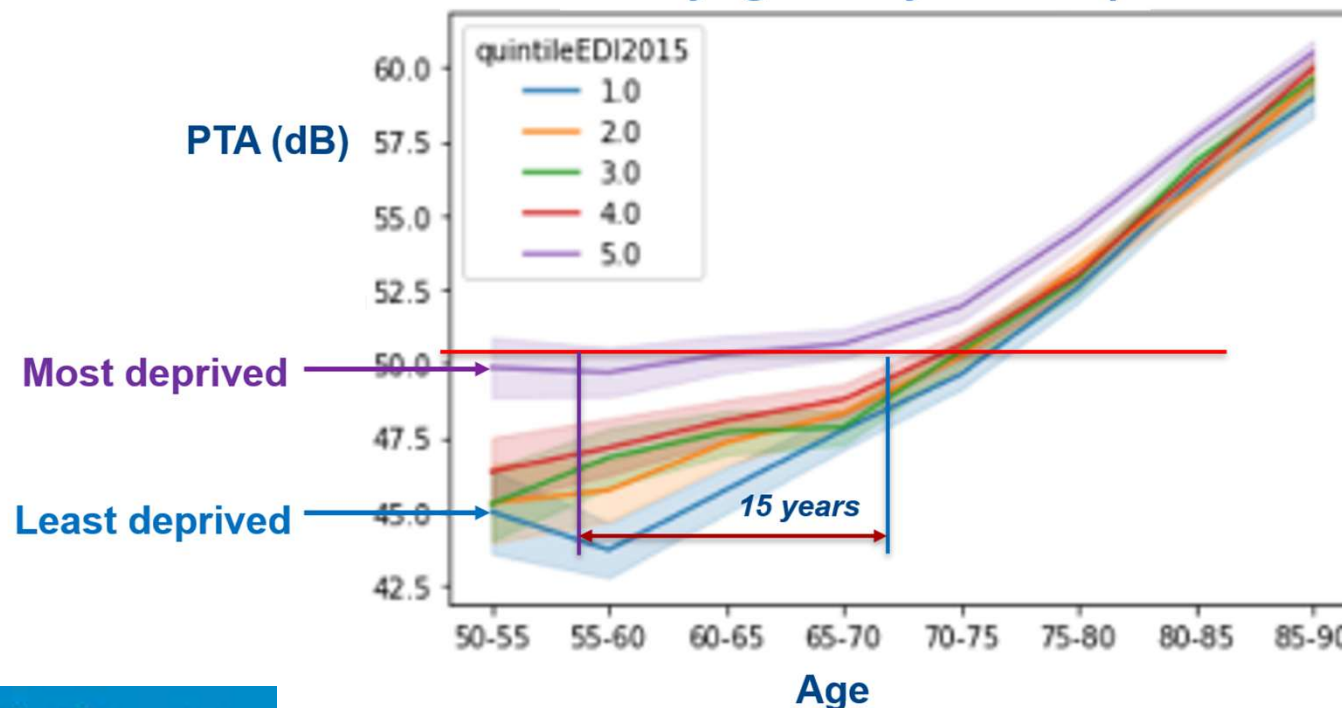
Peter: As the UK based charity [Hearing Link](#) notes, 'hearing loss affects far more than a person's ears'. It impacts on people's health, work, relationships, culture and identity. It impacts on communication, and affects not only the person with the condition but also their partners, families and friends.

While all these matters are of concern to social workers, sensory loss has been somewhat marginalised within the profession, left to a small number of specialist practitioners.

Nevertheless, data on the incidence and prevalence of acquired hearing loss suggest that it is very likely that social workers, particularly those in older people's services, will work with adults with the condition.

Peter Simcock: 'It is important that social workers are aware that acquired hearing loss has multiple psycho-social effects, which are often more significant than the medical and audiological matters.'

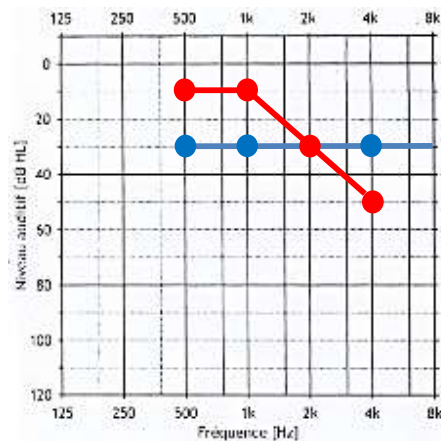
PTA by age and by EDI Group



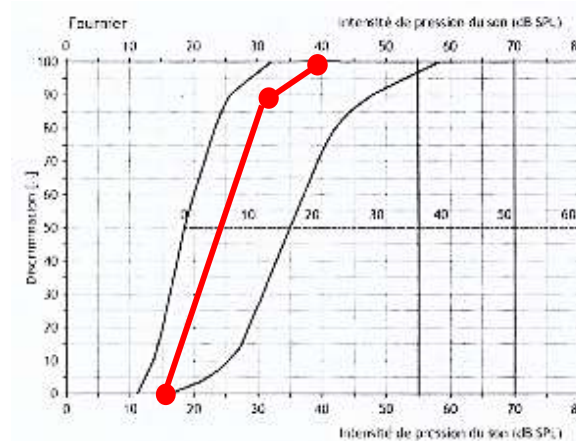
CANDIDACY CRITERIA FOR HA



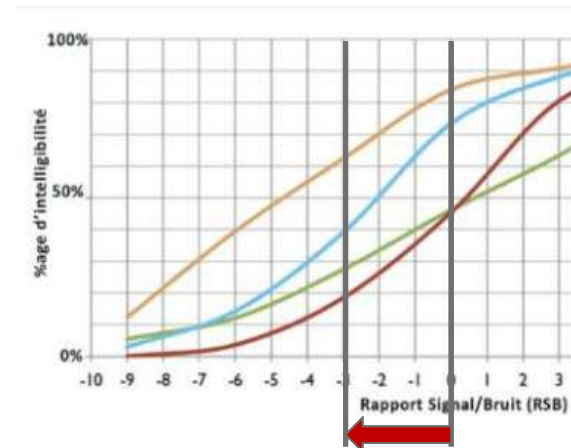
**Average PTA :
> 30 dB**



**Speech in quiet
50% > 30 dB**



**Speech in Noise
SNR : +3 dB vs norm**



**-40% ppt
of intelligibility**

OTC DELIVERY

	Bean T-Coil	CS-50+	Tweak Focus	Soundhawk	Songbird
					
Price	\$349/each; \$599/pair	\$349	\$224.99	\$349.99	\$395/each; \$745/pair

- To develop a new generation of self fit hearing aid between around \$400

Original Investigation

JAMA Otolaryngology-
Head & Neck Surgery

JAMA Otolaryngol Head Neck Surg. 2019 Jun 1;145(6):516-522

Clinical Performance Evaluation of a Personal Sound Amplification Product vs a Basic Hearing Aid and a Premium Hearing Aid

Young Sang Cho, MD^{1,2}; Su Yeon Park, BS²; Hye Yoon Seol, AuD²; et al

American Journal of Audiology • Vol. 26 • 53–79 • March 2017 • Copyright © 2017 The Authors

AJA

Research Article

The Effects of Service-Delivery Model and Purchase Price on Hearing-Aid Outcomes in Older Adults: A Randomized Double-Blind Placebo-Controlled Clinical Trial

Larry E. Humes,^a Sara E. Rogers,^a Tera M. Quigley,^a Anna K. Main,^a
Dana L. Kinney,^a and Christine Herring^a

Hearing loss in adults: assessment and management

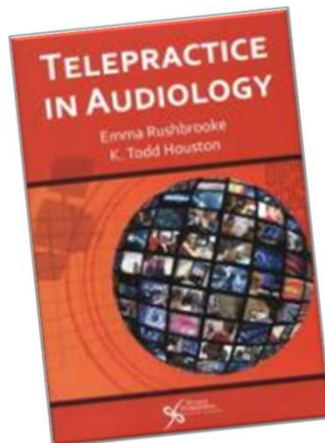
NICE guideline

Published: 21 June 2018

[nice.org.uk/guidance/ng98](https://www.nice.org.uk/guidance/ng98)



- Supporting GP engagement in primary care to manage hearing loss in adults
- Pathway redesign in audiology services using telepractice



- *Hearing screening*
- *Teleotoscopy*
- *Hearing aid fittings*
- *Remote cochlear implant*
- *Rehabilitation and remediation*



Thank you for your attention