



MINISTRY OF EDUCATION'S EAR AND HEARING CARE PROGRAM FOR SCHOOL STUDENTS IN CHILE

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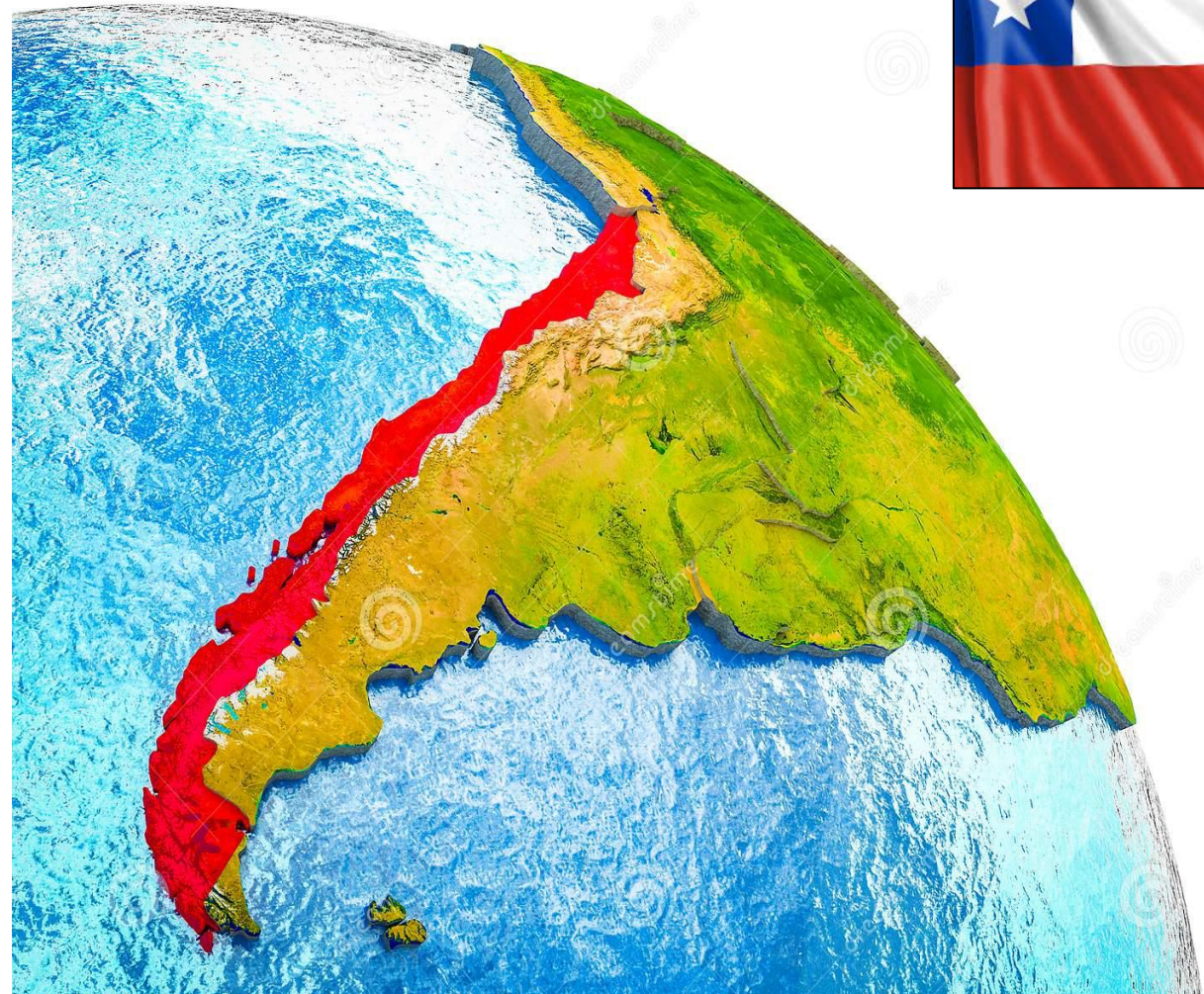
Technical Officer

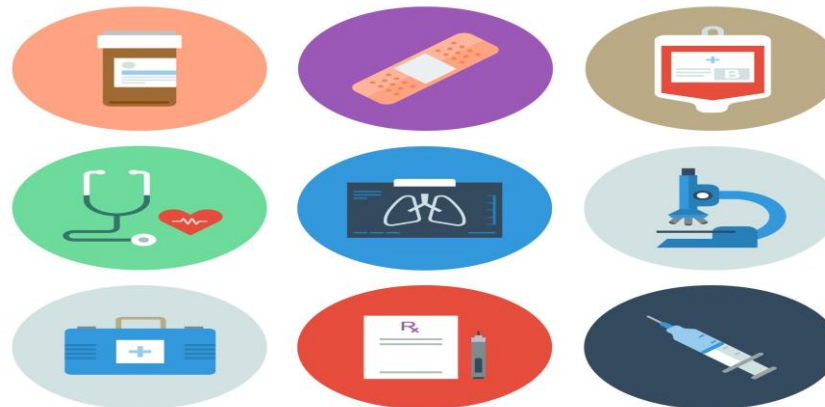
Ear and Hearing Care Programme

World Health Organization

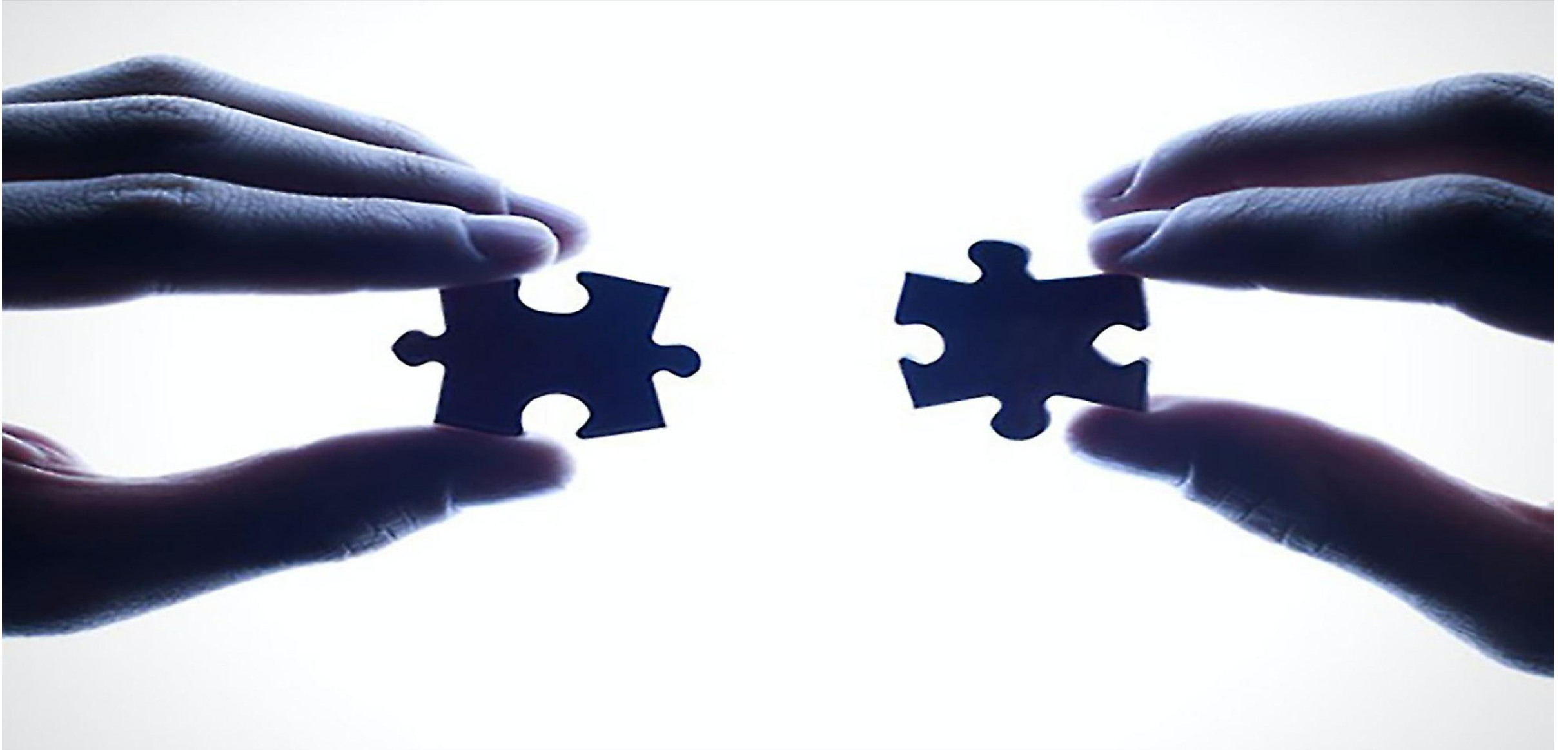
Chile

- 756.950 km²
- 19.000.000 inhabitants
- 25% under 18 years old
- GDP per capita USD 15.000
- Public and private health system

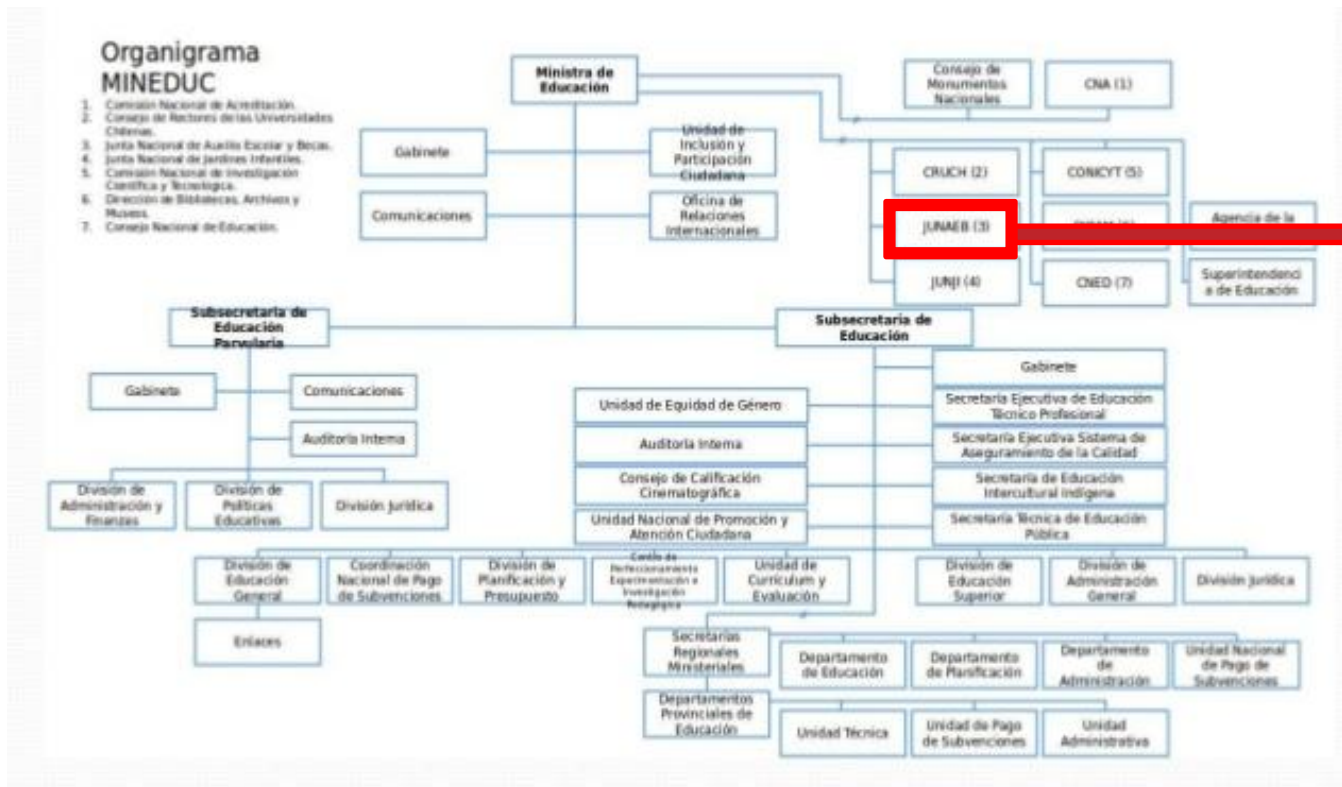




Partnership



Ministry of Education, Chile



JUNAEB

Junta Nacional de Auxilio Escolar y Becas
National Board of School Aid and Scholarships

JUNAEB

- From 1964.
- Manage state resources for children in a condition of biopsychosocial vulnerability, so that they **enter, remain and be successful in the Educational System.**
- Daily provision of school meals
- Halls of residence
- School materials
- Computers





Unsolved Health Problems

- School drop out
- There was a long waiting time for access to health care services
- Lack of a specific health care program for school students



Unsolved Health Problems

- Qualified and committed work force
- The technology/therapy is available but not accessible
- Limitation of resources

WIN-WIN



JUNAEB Health Department

- From 1992.
- **To prevent and solve health problems that affect school performance and inclusion,** favoring quality of life and access to the educational system under equal conditions.
- **Eye Health Program**
- **Physical Rehabilitation Program**
- **Ear and Hearing Care Program**
- Coverage 1992, 48.000 students; 2019, 1.650.000 students



JUNAEB Ear and Hearing Care Program

- From 2002
- Objectives:
 - **To screen, diagnose and provide comprehensive treatment** to the student who has some degree of hearing loss
 - **To monitor the progress** to ensure that this support is reflected in the student's development, **integration and permanence in the educational system.**



JUNAEB, Ear and Hearing Care Program

- Frequent conditions
 - Wax plugs
 - Acute otitis media
 - Otitis media with effusion
 - Chronic otitis media
 - Hearing loss



JUNAEB, Ear and Hearing Care Program

- Services

Hearing Screening

Medical treatment

Ear surgery

Hearing Aids

Cochlear implants

- Bone conduction implants

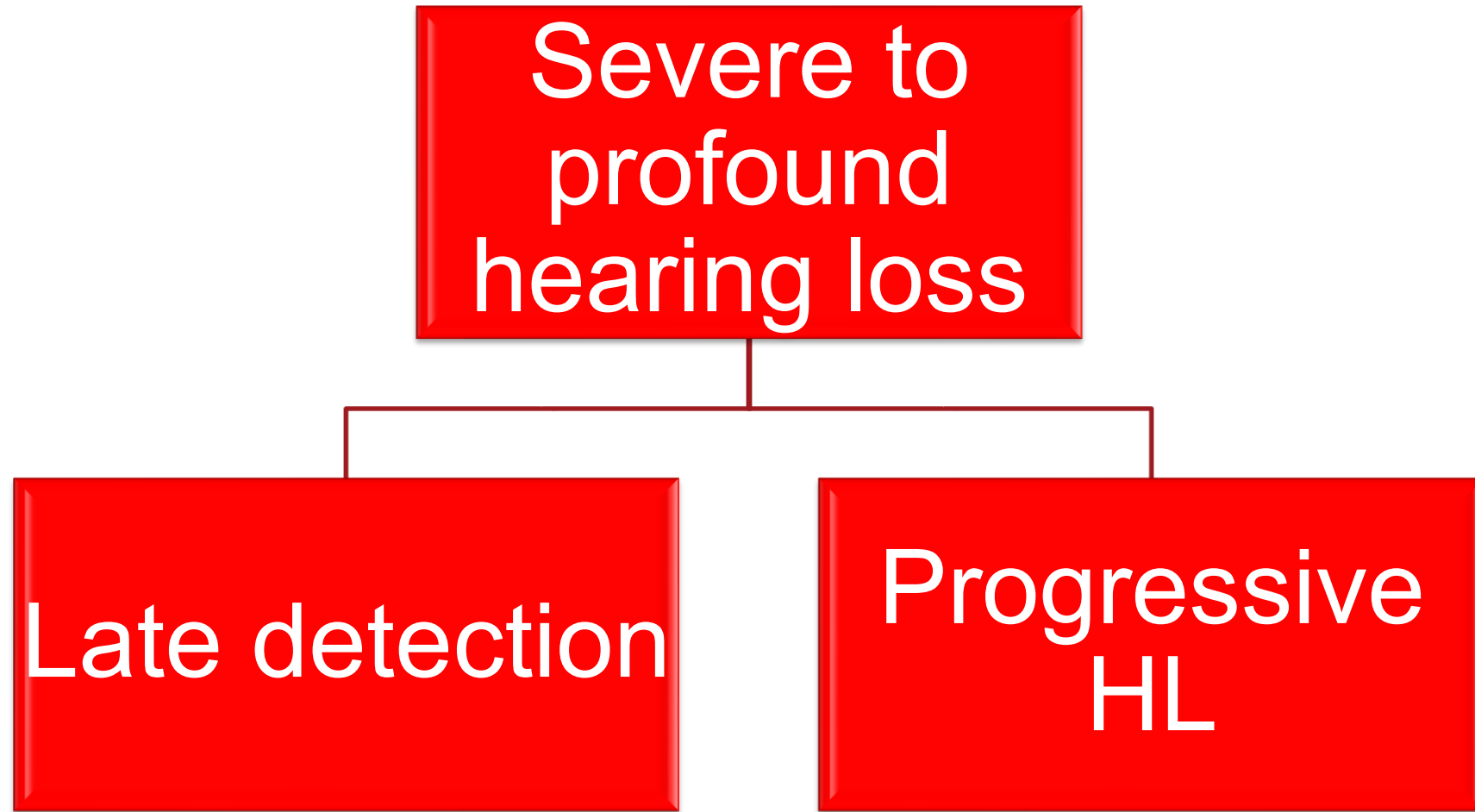


Hearing Aids

- **Only JUNAEB cover hearing aids for children from 4 to 18 years old in Chile**
- CROS and BICROS for SSHL
- Bone conduction hearing aids
- Rehabilitation
- Spares and repairs
- **On average 1200 hearing aids per year**



Unsolved needs



JUNAEB Cochlear Implants Program

- Meetings with JUNAEB
- Multi-disciplinary trained team
- Children's Hospital
- On average 30 CI per year



Ex President Michelle Bachelet



Agensis of the external auditory canal

- **National prevalence of agenesis of ear canal is 1/3000**
- Non implantable devices
 - Limited hearing thresholds
 - Quality of life: skin pressure, size of the device



Transcutaneous bone Conduction Implants

- Since 2014
- **JUNAEB is the only agency (public or private) that covered the cost of BCI in Chile**
- On average 15 BCI per year

In the Classroom

- FM systems
- Teacher's capacitation about hearing loss and hearing devices
- Inclusion: sensitization to all school children



In Summary

- Ministry of Health is not the only governmental agency to get resources
- Look for partnerships related to the group that need services
- Multidisciplinary and collaborative work is always in favor of users
- In addition, this activities that involve non health professionals are an awareness raising strategy

I just need
the main ideas





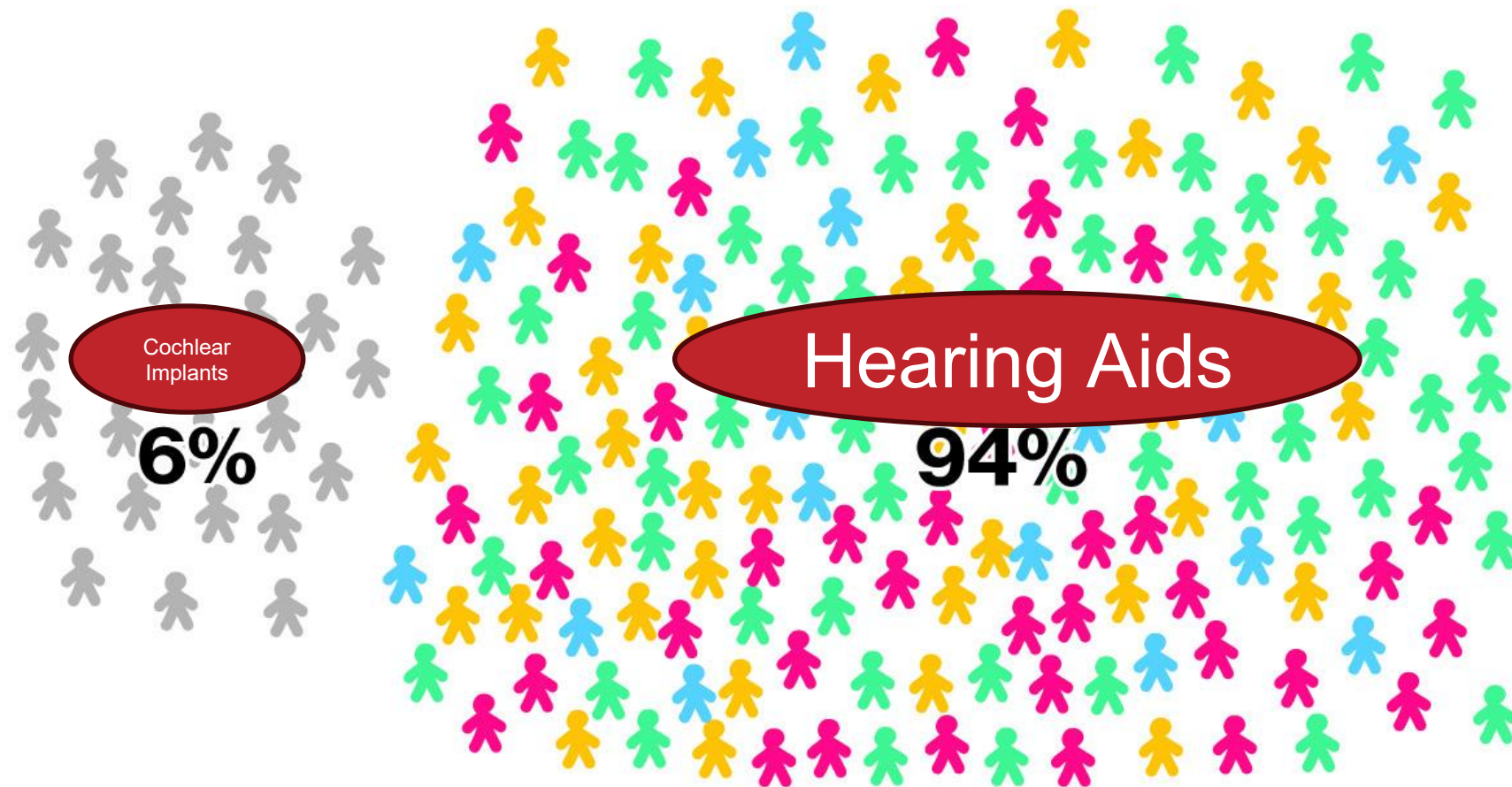


Ear and Hearing Care for all!



**World Health
Organization**

94% of people with hearing loss can be helped with hearing aids

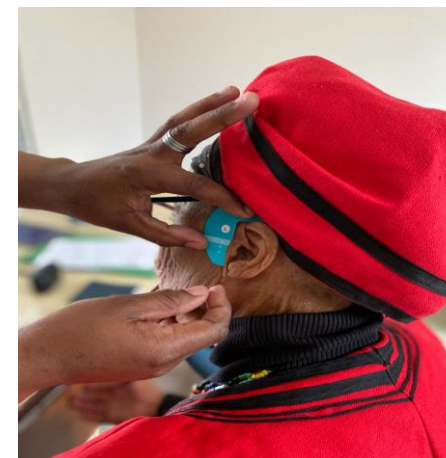


Source: World Wide Hearing

Preferred profile for hearing-aid technology
suitable for low- and middle-income
countries

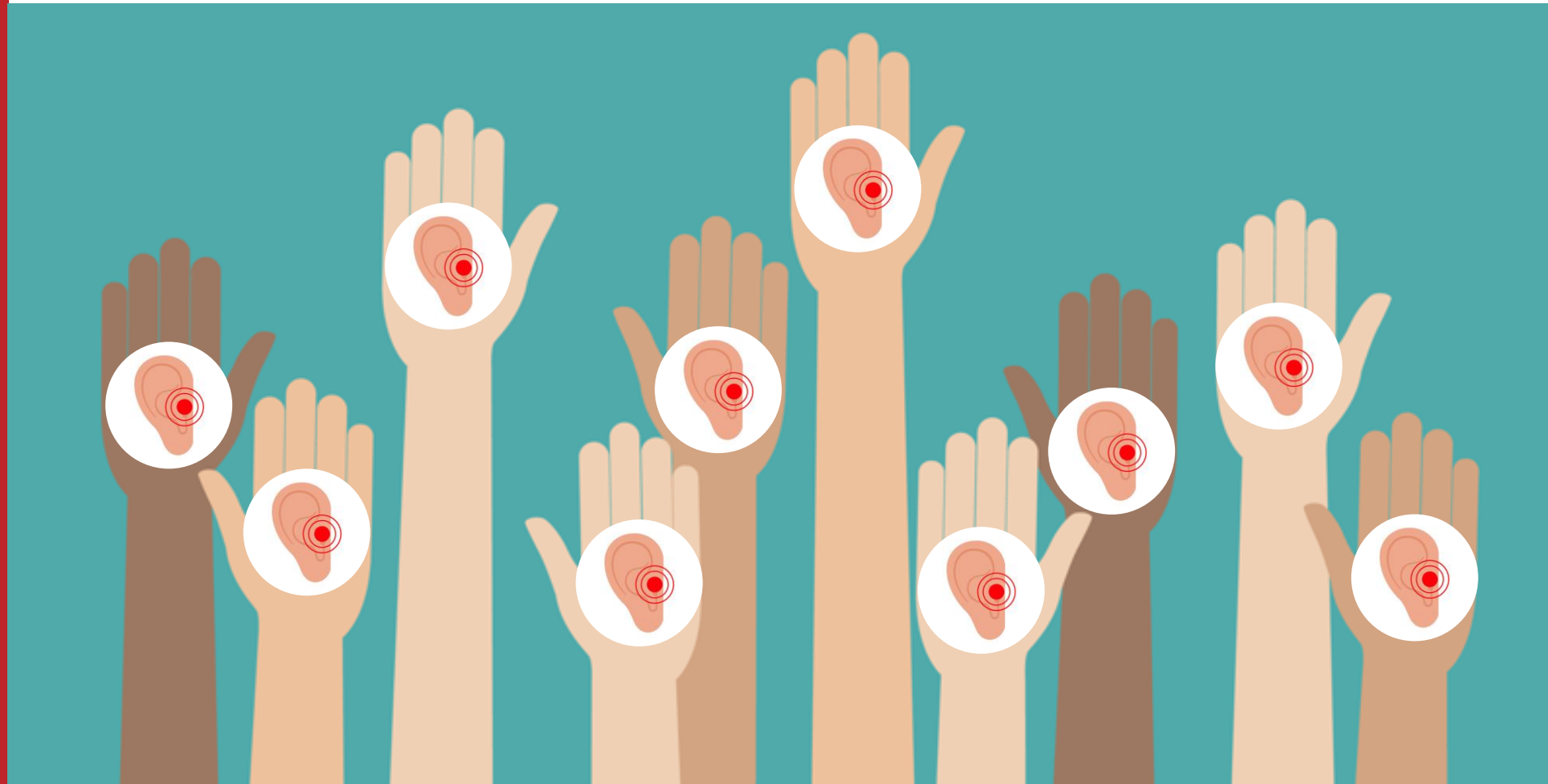


**Hearing Aids (HAs)
service delivery approaches**
for low- and middle-income settings



Cochlear Implants

What is needed?





Cochlear Implants

Where to start?



Cochlear Implants

AWARENESS!



Cochlear Implants

Lack of awareness

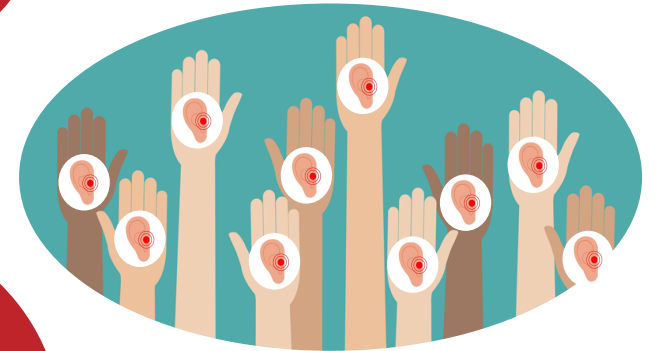
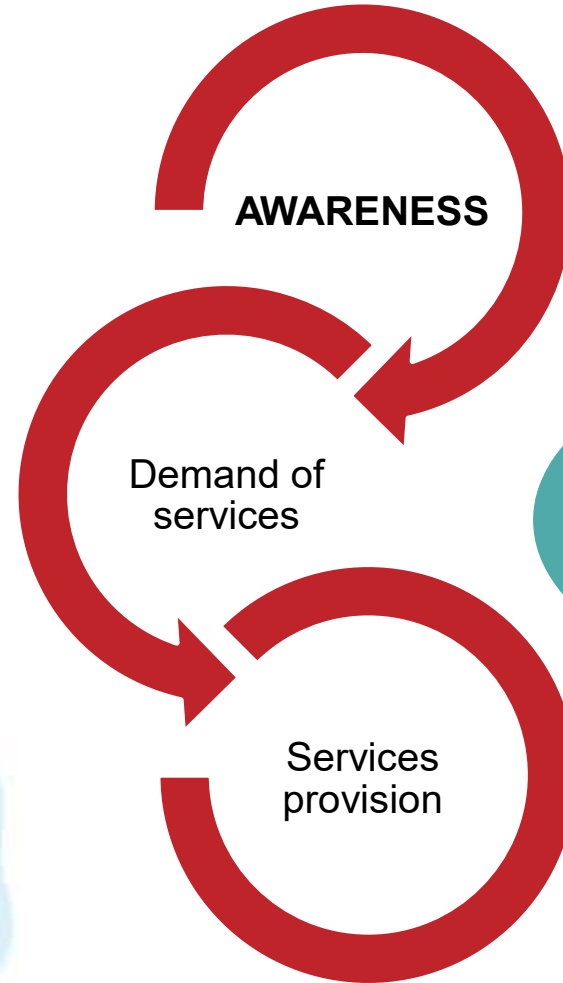
“Don’t worry,
is normal...”



Ear and Hearing Care

Awareness → Access to services

Demand of health services is key to promote availability



CIICA

Cochlear Implants Advocacy in Action

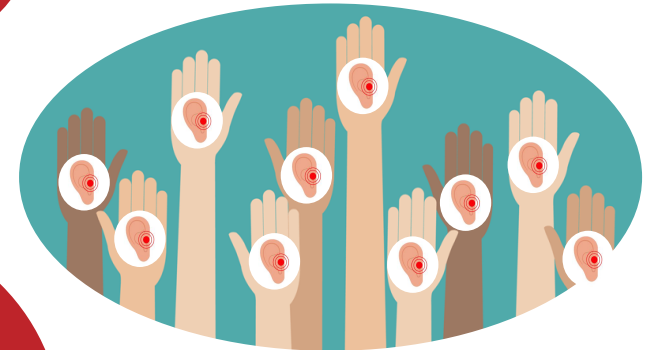
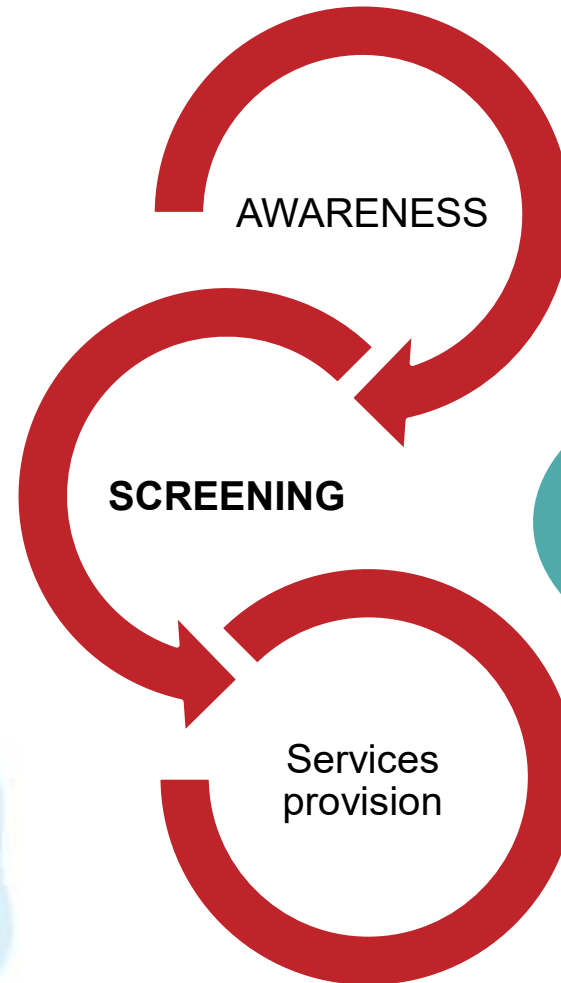
8-9 May 2024, Brussels, Belgium



Ear and Hearing Care

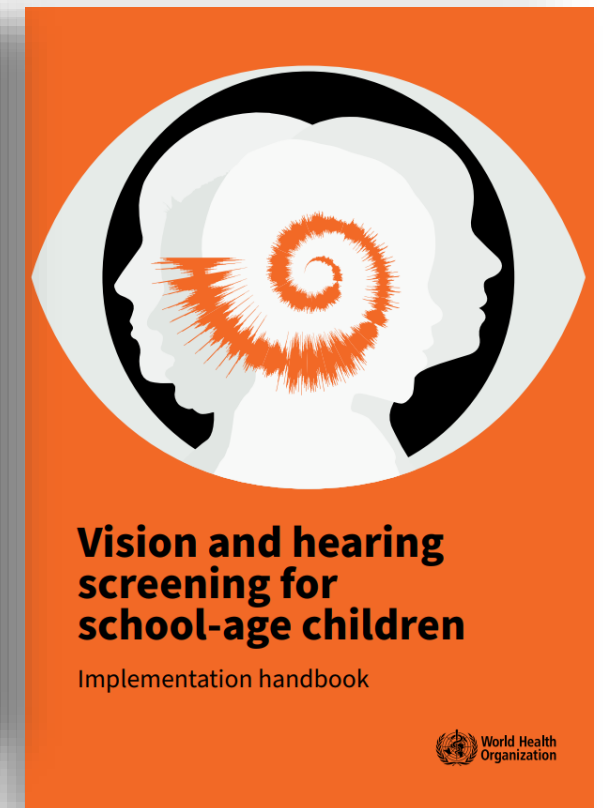
Awareness → Access to services

Create the
demand
through
screening



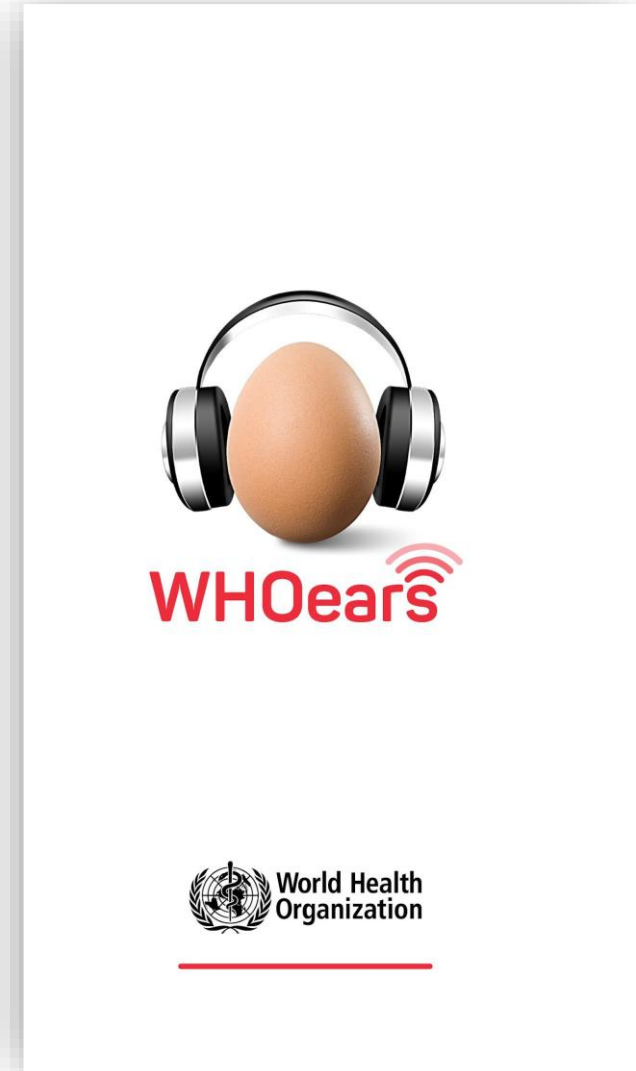
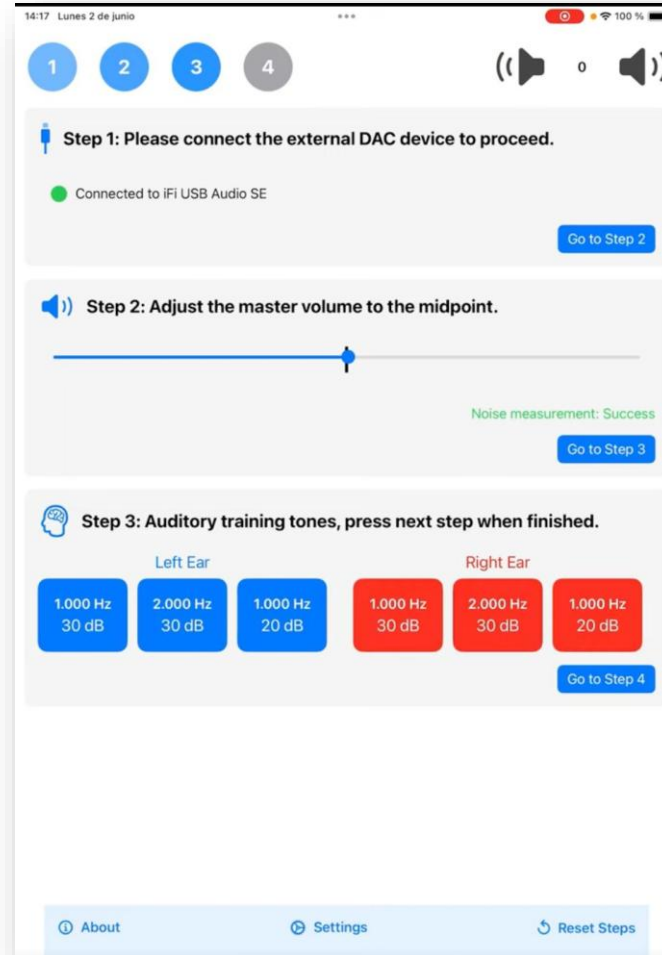
WHO Screening tools

Screening at
all ages



Coming soon!

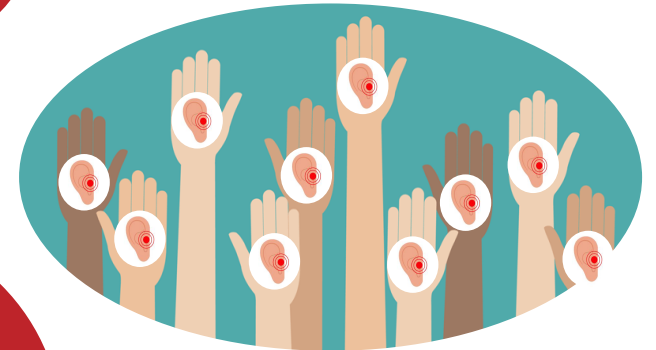
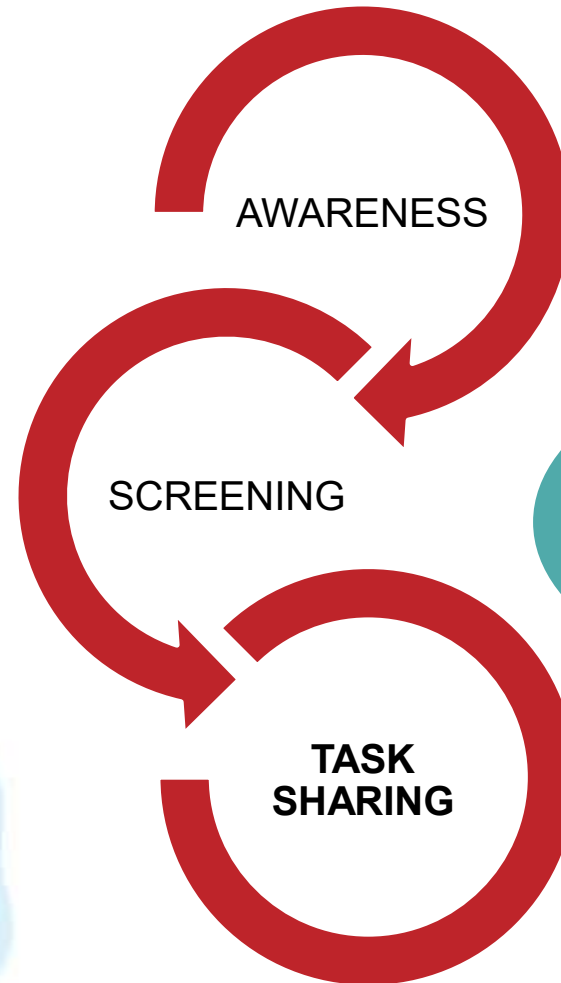
Free tone-based
app
Low-cost
equipment
Android and iOS



Ear and Hearing Care

Awareness → Access to services

Lack of
specialists:
looking for
solutions











THANK YOU!
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