

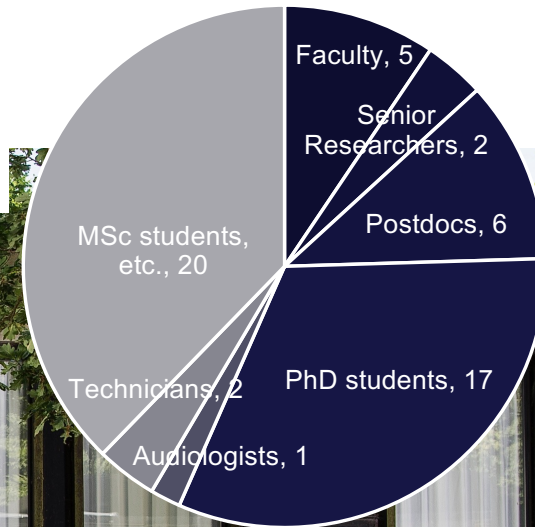
Abigail Anne Kressner

Assistant Professor

Rehabilitation for cochlear implant recipients



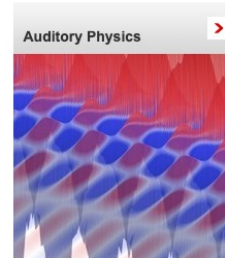
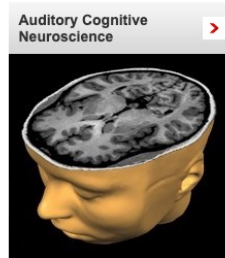
HEARING SYSTEMS



Hearing Systems Research Groups



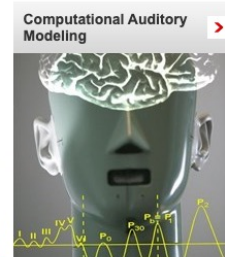
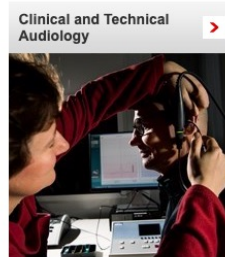
Jens



Bastian



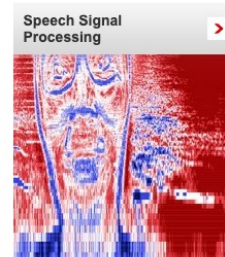
Abbie



Torsten



Jeremy



Tobias

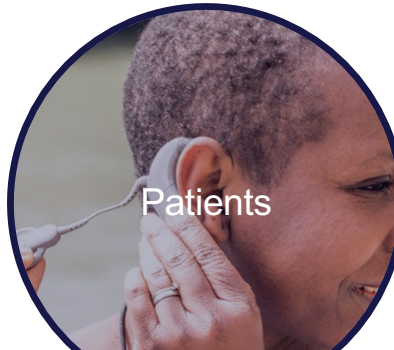


Rigshospitalet



Department of Ear, Nose, and Throat
Surgery and Audiology





Patients

CHBC

COPENHAGEN HEARING AND BALANCE CENTER

Building bridges between daily clinical treatment
and world-class MedTech research



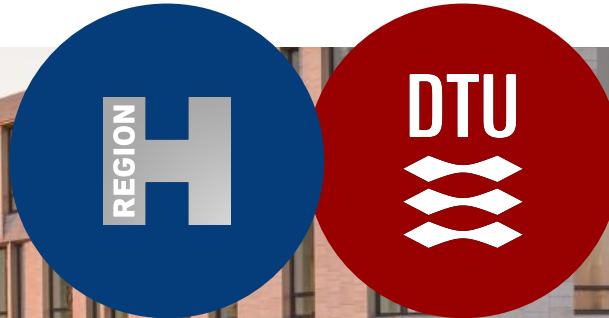
Engineers



Clinicians

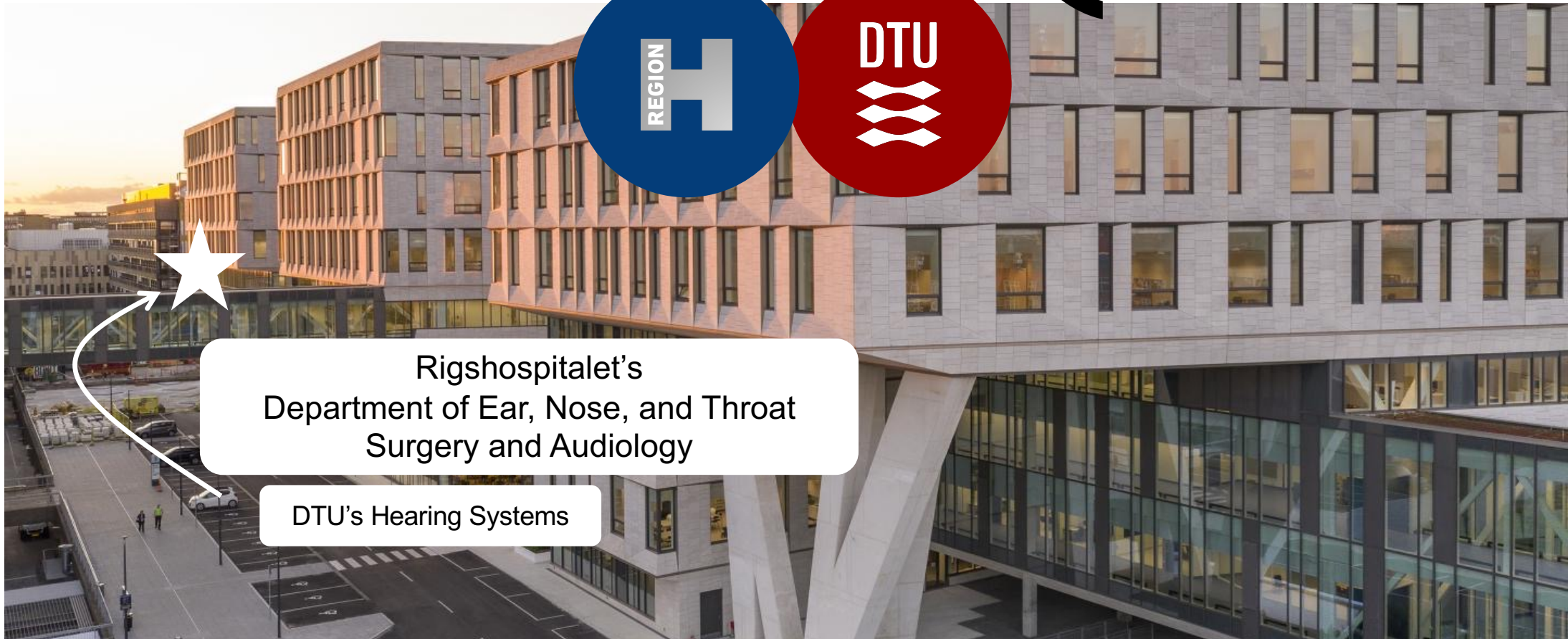


Copenhagen Hearing
and Balance Centre



Rigshospitalet's
Department of Ear, Nose, and Throat
Surgery and Audiology

DTU's Hearing Systems





Clinical and Technical Audiology

Speech and spatial
perception
with hearing devices

Tools for assessing
and treating
hearing loss

Developing
tools for
rehabilitation

Investigating
state-of-the-
art hearing
devices

Developing
new speech
tests

Predicting
speech
intelligibility

How many of you
use a cochlear
implant?

Were you offered
rehabilitation?

What did the
rehabilitation
consist of?

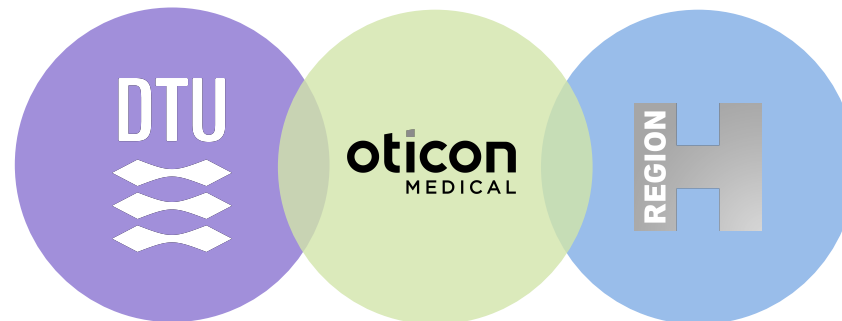
Auditory Verbal Training (AVT)





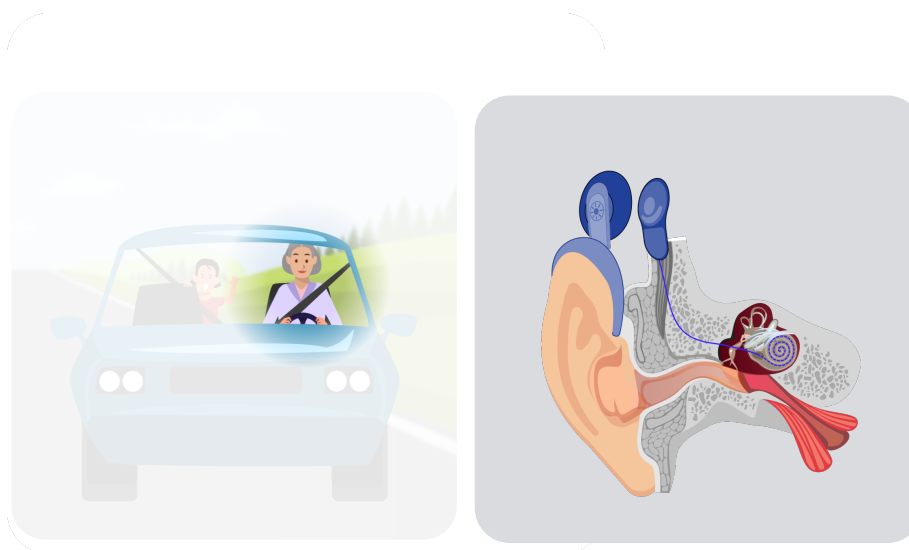
The BLAST Project

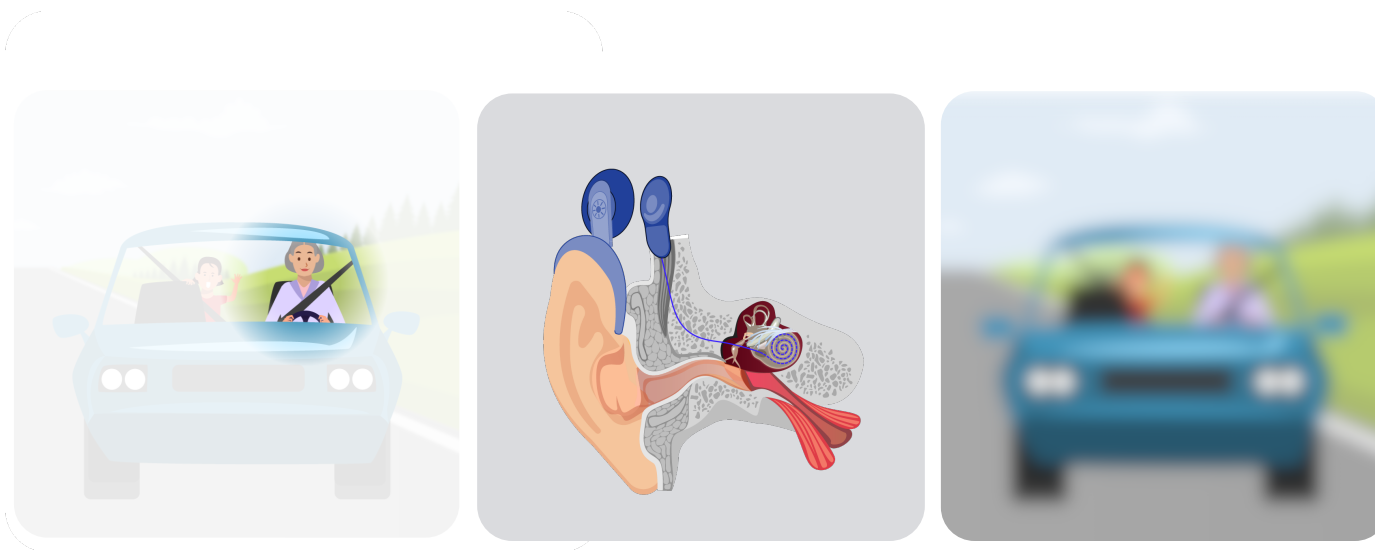
Building virtual reality Leveraged Auditory Skills Training



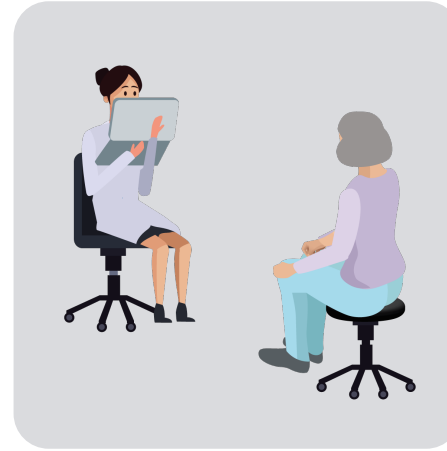
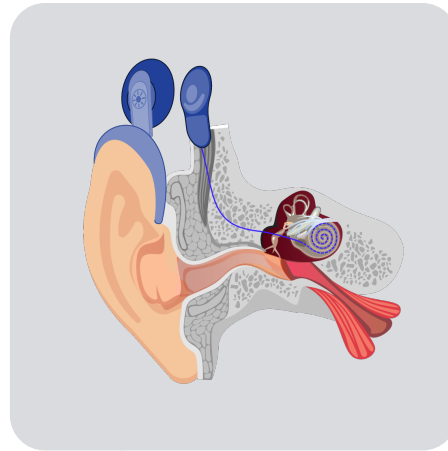




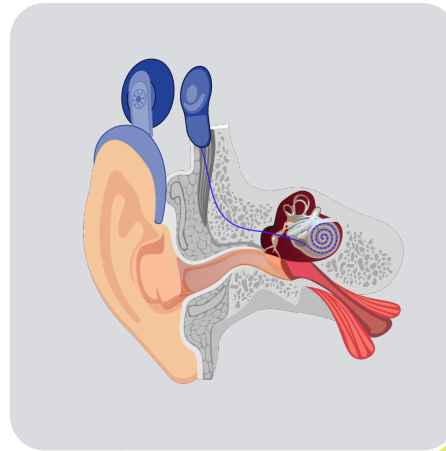






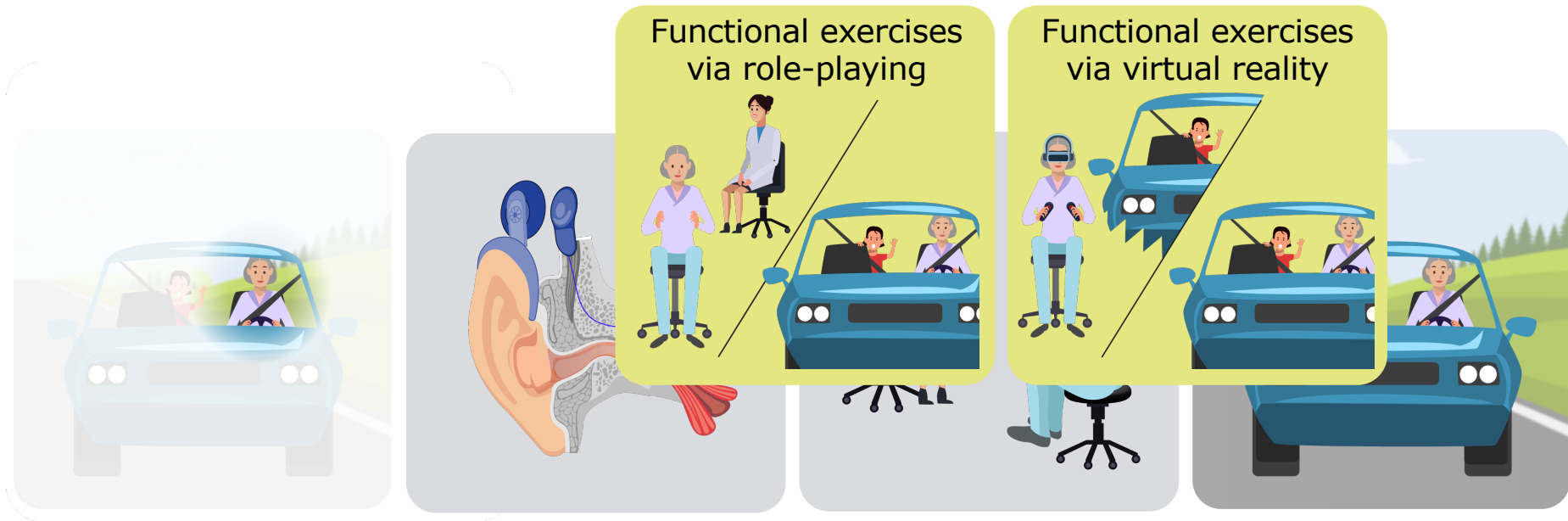


Auditory Skills Training

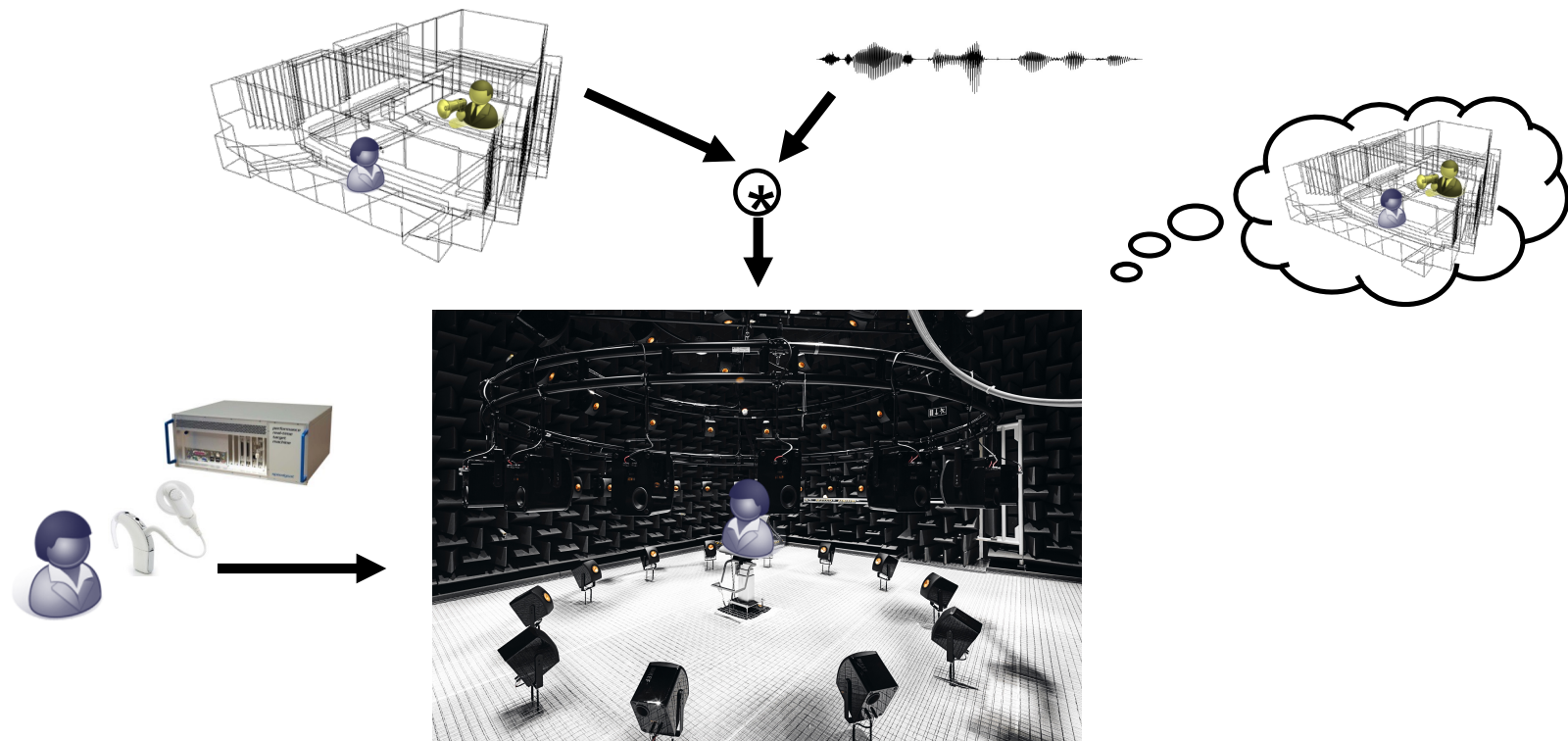


1
Patients'
relatives

2
Functional
exercises



Virtual sound environments



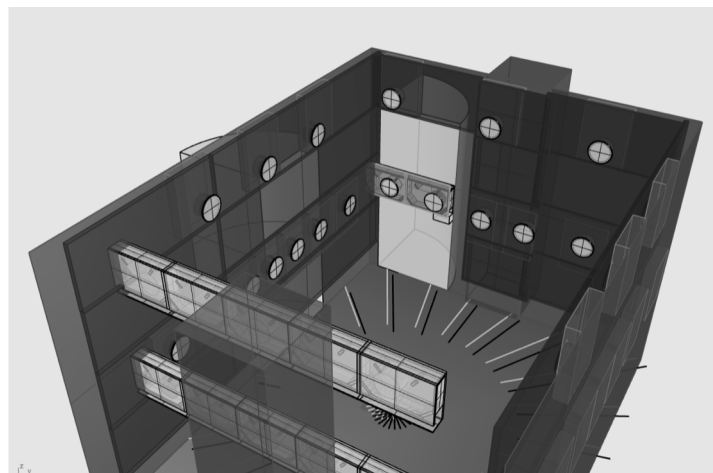
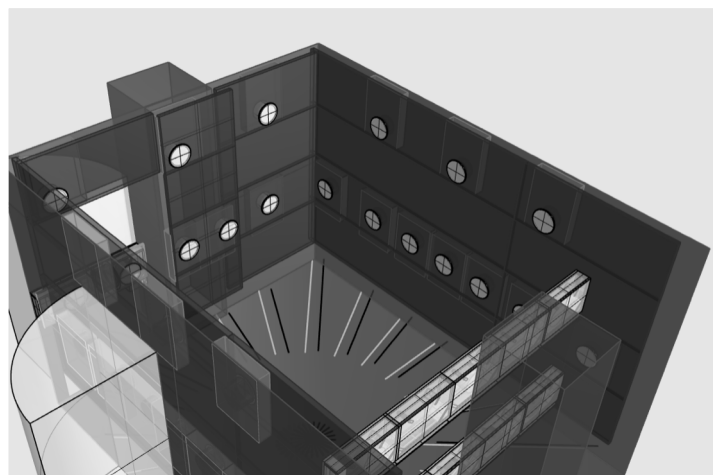


Spatial sound lab at CHBC



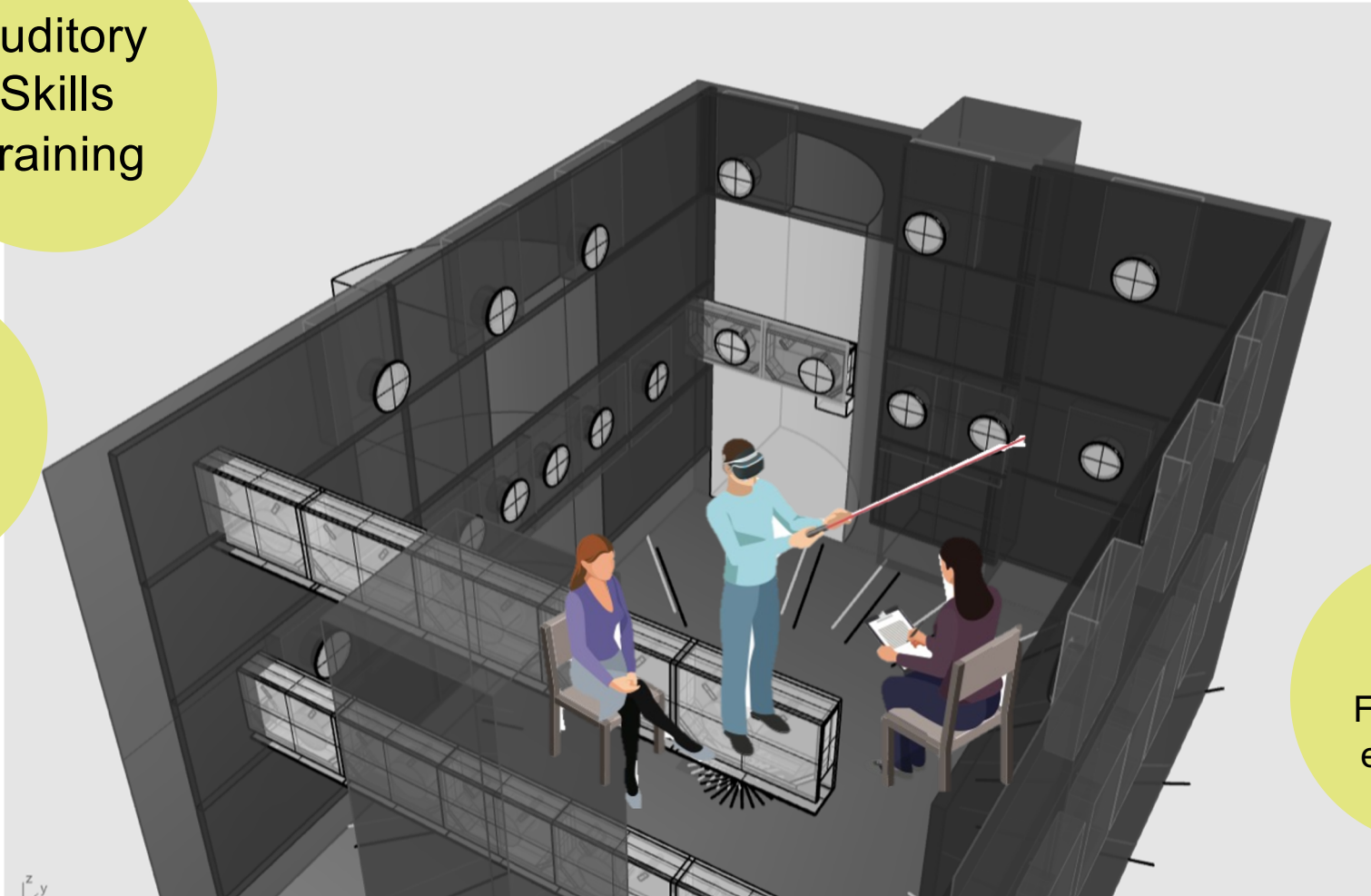


Spatial sound lab at CHBC



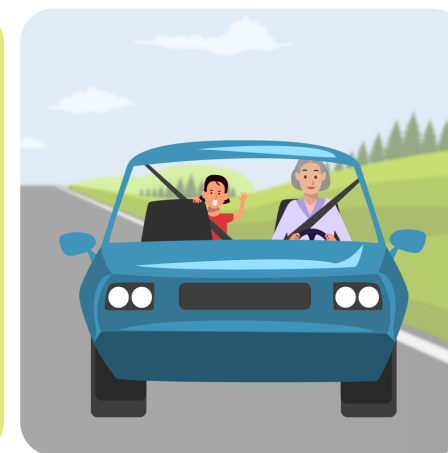
Auditory Skills Training

1
Patients' relatives



2
Functional exercises





CHBC

