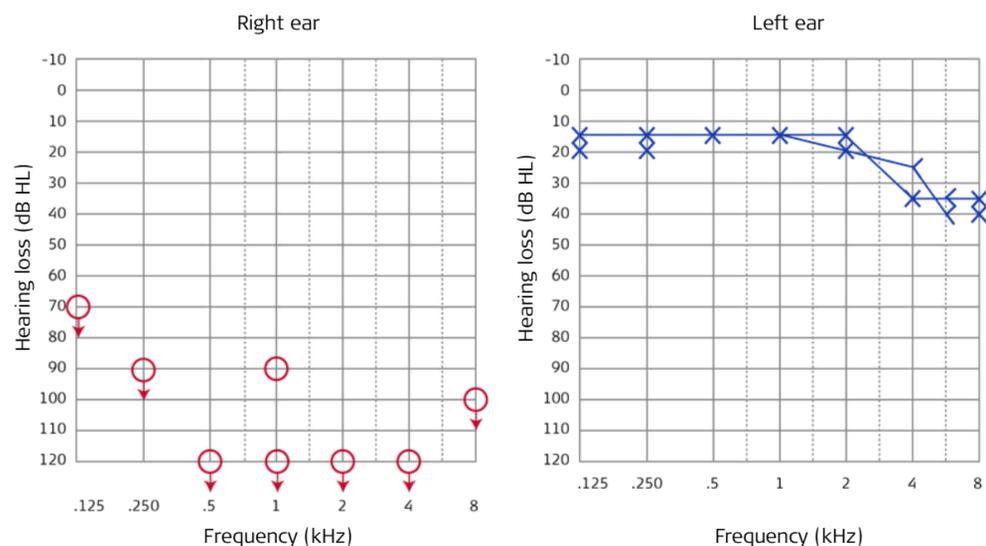




Single-sided deafness following meningitis

1 Preoperative audiogram



2 Patient

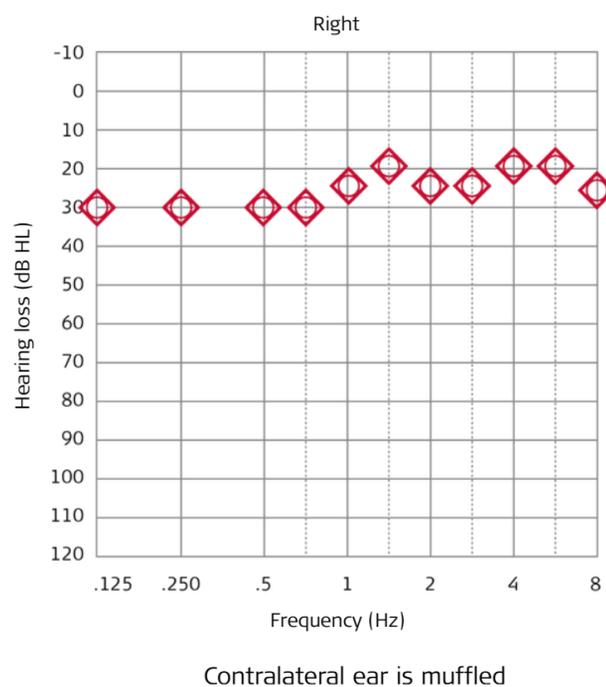
- female, 23 years old, music student, singer
- Meningococcal Meningitis
- High-frequency hearing loss in the left ear with slight progression
- Right-sided deafness following Meningitis
- Beginning fibrosis of the basal turn of the right cochlea
- No improvement in hearing 6 months after meningitis infection

3 Hearing Impairment

- Reduced sound quality of music
- Reduced speech intelligibility in noisy environments
- No directional hearing

4 Hearing care

Right cochlear implant
Pure-tone audiogram 3 weeks post-operatively with CI



Time is a crucial factor!

Complicated anatomical conditions for the operation due to fibrosis of the basal turn of the cochlea.

Complete electrode insertion was, however, successful.

Indication criteria for cochlear implants in unilateral deafness

