

## Healthy Hearing – audiology



### Description:

The Healthy Hearing discipline of Healthy Athletes® provides comprehensive hearing screenings and follow-up recommendations. The primary goals of this program are to inform athletes, parents, coaches or caregivers about the detection of possible ear and hearing problems, recommend follow-up when needed, and promote the necessity of regular ear and hearing screenings.

### Chosen outcomes:

Special Olympics studies in Germany 2009 - 2020 (N=5.076)  
**19%** showed hearing impairment.

Special Olympics National Games Berlin 2022 (N=417)  
**60%** had ear canal obstructed by cerumen.  
**23%** had possible hearing impairment.

### Volunteer at Healthy Hearing:

#### Medical background:

- ENT physicians
- Hearing aid acousticians
- Speech therapists
- Students and trainees of the above mentioned professions

#### Task description:

- Hearing examinations
  1. otoscopy and ear microscopy
  2. measurement of otoacoustic emission to test the functionality of the inner ear
  3. measurement of tympanometry to test the functionality of the middle ear
  4. pure tone audiometry testing
- Target group specific education and further treatment referral for hearing aid needs
- Fitting of hearing aids
- Removal of cerumen
- Medical recommendation and information about abnormalities