

Using the AŞE® with very young children for the validation of hearing aid fitting and as a decision criterion for cochlear implantation

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Phonak 14-15 nov 2011



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| | | |
|----------------------|----------|---|
| AABR-refer | 1m | Referral to the reference centre |
| | ↓ | |
| Diagnosis/Audiometry | 2m | Guidance starts: early intervention & home guidance |
| | ↓ | |
| BOA | 2 - 6m | HA-selection HA-fitting |
| | ↓ | |
| VRA | 6 - 12m | HA-fine tuning + HA-evaluation |
| | ↓ | |
| | | Candidate CI ? |
| VRA | 12 - 18m | Fine tuning HA/CI |
| | ↓ | |
| CPA | 18 - 36m | Evaluation HA/CI Second CI? |
| | ↓ | |

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Evaluation : multidisciplinary approach

- Audiometry
- AŞE® Detection and Discrimination
- Observation questionnaires
- ...



Hearing Aid - Cochlear Implant ?

Auditory Speech Sound Evaluation



= classic AŞE



Supraliminal evaluation



No influence of language and cognition

Use of A&E identification

- Indication for auditory training
- Evaluation of auditory training

Cases

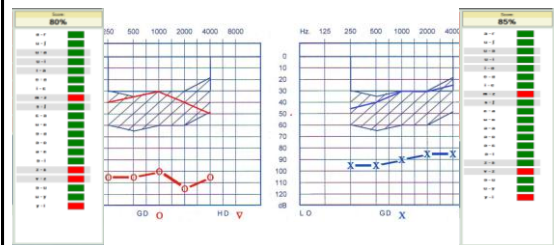
Case 1

12m, mild-moderate hearing loss



Case 2: 2,5y

Progressive hearing loss – start of intervention at 6w



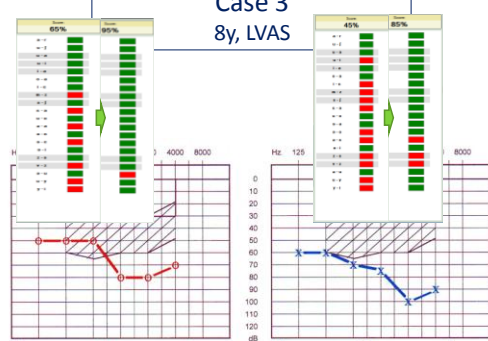
Progre

at 6w

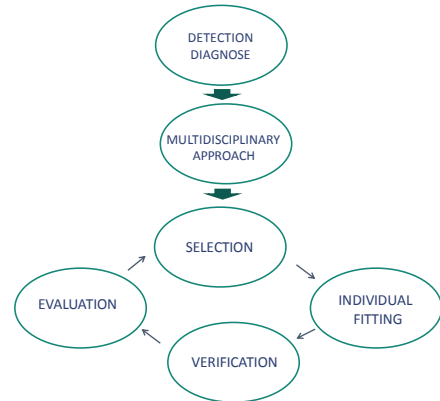
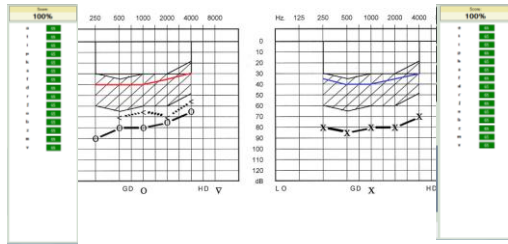


Case 3

8y, LVAS



Case 4 4y, acquired hearing loss



More information?

- www.otoconsult.com
- www.eargroup.com

Thank you!