

Parent Questionnaire

Part 2

**(Hearing aid adequacy in children /
3-6 years of age with beginning/improving language skills)**

Developped in Germany by:

Thomas Wiesner (Werner-Otto-Institut, Hamburg), Andrea Bohnert (Klinik für Kommunikationsstörungen, Mainz), Anke Strauch (Kind Hörgeräte, Hamburg), Jochen Heinz (Hörgeräte Iffland, Esslingen), Dirk Hornig (Hörgeräte Hornig, Berlin), Manfred Drach (LBZ, Friedberg), Kerstin Bockhorst (Hörgeräte Bruckhoff, Hannover)

Editorial office:

Monika Baumann (Widex micro-technic GmbH, Stuttgart)

Parent Questionnaire / Part 2

(Hearing aid adequacy in children /
3-6 years of age with beginning/improving language skills)

Last name: _____ **First name:** _____ **Date of birth:** _____

Hearing aid: _____ **Who answered the questions?:** _____

Three essential questions:

1. How many hours a day does your child wear the hearing aids?

2. Do the hearing aids frequently whistle when worn?

- No
 Yes, suspected cause: _____

3. Does your child have any complaints about the new hearing aids?

- No, none
 Yes, (List Complaints)

The following questions are asked in order to examine how successfully your child's use of hearing aids is. Questions are based on behavior and every-day hearing experience. Please read the questions carefully. If you are unable to answer a question or if a certain question is not appropriate for your child, please leave the question unanswered. Your evaluation can significantly help us to improve the performance of your child's hearing aids – your support can make a big difference

A. Perception of Language, Music and Noises:

1. Does your child imitate new noises, sounds and/or words since wearing the new hearing aids?

- A.** Yes, the variety and number of new sounds / words has increased
B. Yes, my child now finds it easier to repeat new words
C. My child still has some difficulty, but is now more often successful. My child accurately produces the following sounds / words: _____

D. No, nothing has changed

2. Has your child's interest in being read to or listening to stories changed since wearing the new hearing aids?
- A. Yes, my child understands more and enjoys being read to
 - B. My child's interest in stories and in the pictures in books has increased
 - C. My child likes explanations of the pictures in the books, but does not appear to enjoy being read the entire story
 - D. No, my child still does not seem to enjoy being read to
3. How loud does your child turn up the volume of the cassette player / television / radio, when listening to a children's cassette (e.g.: Winnie the Pooh, Walt Disney etc.) or a children's television or radio program?
- A. Normal / comfortable volume
 - B. Very low and even I have to pay close attention
 - C. Loud volume
 - D. Very loud and frequently puts his/her ear close to the speaker
4. Does your child always hear the telephone or doorbell ring?
- A. Always responds to both the doorbell and the telephone ringing
 - B. My child hears the doorbell / telephone better, because:

 - C. My child only hears a bell ringing when it is nearby
 - D. My child usually does not hear bells ringing

Own Voice / Pronunciation:

5. Has your child's pronunciation changed with the new hearing aids?
- A. Yes, my child's pronunciation is much more precise and clear with the new hearing aids
 - B. Pronunciation is improving with the help of the hearing aids and speech therapy
 - C. If my child pays close attention and concentrates on the words and I help to correct some errors, pronunciation is improved
 - D. My child's pronunciation has worsened since wearing the new hearing aids; words are less clear than before

Directional Hearing:

6. In a quiet environment, can your child recognize which direction a noise is coming from? Does your child turn quickly in the correct direction or does s/he have to look for the source?
- A. Yes, my child quickly recognizes the direction of the sound and looks directly towards it
 - B. My child recognizes the direction most of the time, but sometimes has to look for the source
 - C. My child is often uncertain in terms of directional hearing
 - D. My child always looks for the source of the sound and frequently has to turn around

Hearing Efforts:

7. How much effort does it take for your child to listen over longer periods in a quiet environment? Can your child concentrate for a long period or is s/he easily distracted?

- A.** My child seems to expend the same effort as other children his/her age
- B.** When reading / telling lengthier stories to my child I often have to remind him/her to pay attention
- C.** My child quickly becomes tired and distracted. My child seems to expend a lot of effort
- D.** My child has a very short attention span and has no interest in listening

8. How tiring is a visit to the day-care facility / kindergarten for your child?

- A.** My child's behavior is no different to that of other children
- B.** After playing with the other children indoors all day my child is "tired of listening"
- C.** After a morning at kindergarten, my child is very tired and worn out
- D.** My child goes to an integrated kindergarten / pre-school facility for children with hearing impairment, with no more than 10 children in one group

9. How much effort does it take your child to learn new words and their correct pronunciation since wearing the new hearing aids?

- A.** None, my child is constantly learning new words and has considerably less problems with the new hearing aids
- B.** It takes my child some effort, but combined with speech therapy I notice significant improvements
- C.** My child still requires extra effort in order to learn speech and words.
- D.** Hearing and listening requires much more effort for my child with the new hearing aids. Learning words and their pronunciation takes much more time and is much more difficult than before.

10. Has your child's enjoyment in speaking and participation in conversation changed since wearing the new hearing aids?

- A.** Yes, my child speaks and chatters considerably more and attempts to participate in conversation
- B.** My child participates a little more in conversation and finds it easier to do so
- C.** There have been no noticeable improvements
- D.** My child does not seem to enjoy speaking/participating in conversations and even avoids situations in which several people are talking.

B. Comprehension of Speech:

Please choose the response you feel best describes your child's ability to understand with his/her new hearing aids.

- A Great:** Understands everything
- B Good:** Most of what is said is understood.
- C O.K. but not without effort:** Understands most words, but makes some mistakes.
- D Could be better:** Some problems understanding what is said.
My child requires visual cues and slow, clear pronunciation in order to understand what is said.
- E Poor:** Most of the time my child does not understand what is said.
My child only understands with visual cues.

Comprehension of Speech in a Quiet Environment:

1. You are with your child in a quiet environment. Your child is playing quietly and does not see you. You call your child by his name. Can your child understand his/her name?

- A** **B** **C** **D** **E**

2. You are with your child in a quiet environment. Your child is playing quietly and does not see you. You ask your child a simple question (e.g.: "What is your name?", "How old are you?", "What are you playing?"...) or give your child a simple command (e.g.: "Get your jacket!", "Use a cup!"...). How well does your child understand the question or the task in this situation?

- A** **B** **C** **D** **E**

3. You are sitting next to your child in a quiet environment. Your child cannot see your face. You are both looking at the picture book from which you are reading out loud. How well does your child understand your words and the story, in this situation?

- A** **B** **C** **D** **E**

4. Your child's grandparents or another family member are on the phone.
How well can your child communicate on the phone using the new hearing aids?

- A** **B** **C** **D** **E**

5. One of your child's favorite story cassettes (e.g. Winnie the Pooh, Walt Disney, etc.) is playing at normal / comfortable volume. In a quiet environment how well does your child understand the story or the events being told on the cassette?

A

B

C

D

E

6. You are watching a children's program or a video (not a cartoon!) together with your child. Ask your child questions about what was said on the show. How well does your child understand what was said on the television?

A

B

C

D

E

Comprehension of Speech in Small Groups or with Distraction by Low Background Noise

7. You are having a meal together with your family (several persons!) at home or in a quiet restaurant. The conversation is casual. Your child is included in the conversation or asked something in this situation. How well does s/he understand what is being said or what is being asked?

A

B

C

D

E

8. Your child is playing at home with 2-3 other children. How well can your child understand what the other children are saying to each other or what they are saying to your child?

A

B

C

D

E

9. The television, radio or cassette is playing or your child is playing with another loud, noisy toy. Your child is very distracted. You enter the room and speak to your child without getting his/her attention beforehand. How well can your child understand you in this situation?

A

B

C

D

E

Comprehension of Speech in Kindergarten/ in Large Groups

10. Your child goes to a kindergarten, daycare facility or children's playgroup. Ask the person who supervises your child how well he/she understands what the other children or adults are saying when everyone is sitting together in a circle.

A

B

C

D

E

11. Your child goes to a kindergarten, daycare facility or children's playgroup.
Ask the person who supervises your child how well he/she understands what other children or adults say during a loud recreational / freeplay period.

A B C D E

12. You are in a supermarket or shopping mall and say something to your child.
How well does your child understand what you are saying?

A B C D E

Comprehension of Speech in Traffic

13. You are driving in your car with your child in the back seat. You are talking to your child and ask a question or answer one of your child's questions without turning around.
How well does your child understand what you are saying in this situation?

A B C D E

14. You are on a train or bus with your child. You say a few brief words to your child (e.g.: "Sit down!", "Hold on tight!".....).
How well does your child understand what you are saying in this situation?

A B C D E

15. You are with your child in traffic on a busy street or in a large city center.
How well does your child understand what you are saying from a short distance of 2-3 meters without visual cues?

A B C D E

16. You and your child are riding bicycles on a busy street. You want to warn your child or say something. Your child is approx. 5-10 m away and cannot see you.
How well does your child understand what you are saying?

A B C D E

Evaluation Table for Parent Questionnaire Part 2

Last name: _____ First name: _____ Date of birth: _____

Hearing aid: _____ Who answered the questions?: _____

Date: _____ Preliminary / subsequent survey: _____

Evaluation of Part A: Questions on Perception

Frage	A	B		C	D
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

Evaluation of Part B: Comprehension of Speech

Comprehension of Speech in Quiet Environments					
Question	A	B	C	D	E
1					
2					
3					
4					
5					
6					
Comprehension of Speech in Small Groups / When Distracted by Background Noise					
Question	A	B	C	D	E
7					
8					
9					
Comprehension of Speech in Kindergarten / in Large Groups					
Question	A	B	C	D	E
10					
11					
12					
Comprehension of Speech in Traffic					
Question	A	B	C	D	E
13					
14					
15					
16					