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e sorveglianza audiologica
Regione Friuli Venezia Giulia

QUESTIONNAIRE ON HEARING AND COMMUNICATION ABILITIES (QUAC)

Name and surname: _____

Date of birth: _____

Date of compilation: _____

Compiled by: _____

The questionnaire explores auditory and communicative skills in your child before 36 months of age. It is not a hearing test and there are no correct or wrong answers. The questionnaire can serve as supporting information for audiological exams or as a tool for following normal development. The statements about the child's behavior regard the ability to hear various linguistic and non-linguistic sounds, and the ability to understand the meaning. Other statements concern child's communicative behavior in everyday situations when you interact with the child or when the child is in a noisy environment. There are also some statements that concern child's production.

For each statement, we ask you to put a cross on:

- 1 when the described behavior occurs never or almost never;
- 2 when the described behavior occurs sometimes, but not constantly;
- 3 when the described behavior occurs often or always.

You will often find examples along with the statements, but if anything remain unclear, you can always ask for clarification.

Months	How many times 1	How many times 2	How many times 3	A	I	C	P	Total	Unclear cases
0-1	/2	/2	/2	/6	0	0	0	/6	
2-3	/6	/6	/6	/12	/3	0	/3	/18	
4-6	/6	/6	/6	/12	/3	0	/3	/18	
7-9	/8	/8	/8	/12	/6	/3	/3	/24	
10-12	/9	/9	/9	/12	/3	/6	/6	/27	
13-15	/9	/9	/9	/12	/3	/6	/6	/27	
16-21	/9	/9	/9	/12	/3	/6	/6	/27	
22-24	/10	/10	/10	/12	/3	/6	/9	/30	
25-30	/10	/10	/10	/12	/3	/6	/9	/30	
31-36	/11	/11	/11	/12	/3	/12	/6	/33	
Does the child hear well according to the parents?					NO []	I DON'T KNOW []		YES []	

1 = NEVER**2 = SOMETIMES****3 = OFTEN / ALWAYS****A 0-1 MONTHS** The child:

1.a	Wakes up, cries, is startled, holds still, in response to sudden loud noises (e.g. door slamming, dog barking, an object falling on the floor).	1	2	3
2.a	Stops or speeds up suckling when hearing an environmental noise.	1	2	3
According to you, does the child hear well?		NO	I DON'T KNOW	YES

A 2-3 MONTHS The child:

1.a	Wakes up, cries, is startled, holds still, in response to sudden loud noises (e.g. door slamming, dog barking, an object falling on the floor).	1	2	3
2.a	Stops or speeds up suckling when hearing an environmental noise.	1	2	3
3.a	Listens to a lullaby and is calmed down by it.	1	2	3
4.a	Is calmed down by mother's voice even if not seeing her.	1	2	3
5.i	Is interested in faces and smiles when someone interacts with him/her.	1	2	3
6.p	Produces sounds other than crying.	1	2	3
According to you, does the child hear well?		NO	I DON'T KNOW	YES

A 4-6 MONTHS The child:

1.a	Wakes up, cries, is startled, holds still, in response to sudden loud noises (e.g. door slamming, dog barking, an object falling on the floor).	1	2	3
2.a	Moves slightly the eyes or the head towards a sound or a voice if coming from right or left.	1	2	3
3.a	Likes when hearing music, lullabies, or sound-toys.	1	2	3
4.a	Turns the look towards the one who talks or stops crying when hearing mother calling his/her name even if not seeing her.	1	2	3
5.i	Smiles and/or produces sounds when you play with him/her by changing the voice and facial expressions.	1	2	3
6.p	Produces sounds that start to sound like syllables ("bwaaa", "mwwaaa").	1	2	3
According to you, does the child hear well?		NO	I DON'T KNOW	YES

A 7-9 MONTHS The child:

1.a	Turns towards the sound source and catches it with the eyes.	1	2	3
2.a	Easily localizes noises coming from aside and downwards (e.g. when cutlery falls on the floor, when there is noise from the dishes in the kitchen, or when someone squeezes a plastic bottle).	1	2	3
3.a	Pays attention to music and enjoys listening.	1	2	3
4.a	Turns when called with his/her name from a distance.	1	2	3
5.i	Shows interest and likes it when you talk to him/her or sing a song.	1	2	3
6.i	Uses his/her voice or gesticulates to communicate with you (e.g. indexing with a finger to something that draws his/her attention or to ask for something).	1	2	3
7.c	Understands the meaning of certain common words (e.g. mom, dad, eat, hi, etc.).	1	2	3
8.p	Produces sequences of sounds compound by the vowels and consonants (e.g. pa, ta, ma, tatata, papapa).	1	2	3
According to you, does the child hear well?		NO	I DON'T KNOW	YES

A 10-12 MONTHS The child:

1.a	Is attracted or fascinated and turns towards new sounds (e.g. bell).	1	2	3
2.a	Immediately localizes sounds or noises coming from a side or downwards, even if weak. (e.g. clapping hands, a toy that falls on the floor).	1	2	3
3.a	Moves rhythmically/dances when hearing the music.	1	2	3
4.a	Knows if mom or dad are talking even if not seeing them.	1	2	3
5.i	Indicates with a finger to communicate. (e.g. indexing with a finger to something that draws his/her attention or to ask for something).	1	2	3
6.c	Turns or reacts when called by name (smiles, looks up).	1	2	3
7.c	Understands the meaning of some words from everyday life (names of the family members and toys, sounds of animals).	1	2	3
8.p	Imitates sounds that you produce while playing with him/her.	1	2	3
9.p	Produces various sequences of vowels and consonants (e.g. tatata, papapa, pataga) or says few words (e.g. mama, papa).	1	2	3
According to you, does the child hear well?		NO	I DON'T KNOW	YES

A 13-15 MONTHS The child:

1.a	Is attracted by sounds and noises in the house even if they come from another room (e.g. bell, kitchen sounds).	1	2	3
2.a	Localizes sounds or noises coming from a side or below, and also those coming from above (airplane sound, noises from the upstairs, etc.).	1	2	3
3.a	Moves rhythmically/dances when hearing the music.	1	2	3
4.a	Turns when someone calls him his/her name or talks to him/her.	1	2	3
5.i	Looks in the face when talked to and starts to respect communication turns (listens when talked to and "talks" when you stop).	1	2	3
6.c	Indicates or localizes a familiar object when you ask where is it.	1	2	3
7.c	Understands simple phrases (e.g. "Would you like to drink?") and simple orders (e.g. "Bring the ball!").	1	2	3
8.p	Repeats the words or some of the words that he/she hears (e.g. you say "Lets put on the shoes now", and he/she repeats "Shoes").	1	2	3
9.p	Spontaneously says words (e.g. mom, papa, tata, no, etc.).	1	2	3
According to you, does the child hear well?		NO	I DON'T KNOW	YES

A 16-21 MONTHS The child:

1.a	Seems to notice when the sounds starts or finishes (e.g. when the volume of the radio/TV/CD-player is turned down or up).	1	2	3
2.a	Localizes a sound or a noise, even if weak, coming from a side, above or below (e.g. noises from the upstairs, when cutlery falls on the floor, sound of phone from another room).	1	2	3
3.a	Moves rhythmically/dances when hearing the music.	1	2	3
4.a	Follows your voice when you talk to him/her even when you move around.	1	2	3
5.i	He/she listens to you when you talk and respects communication turns.	1	2	3
6.c	Understands questions that begin with "where" and "who".	1	2	3
7.c	Understands simple (verbal only) instructions (e.g. "Bring the ball!"; "Take your shoes.").	1	2	3
8.p	Repeats the words or some of the words that he/she hears (e.g. you say "Lets put on the shoes now", and he/she repeats "Shoes").	1	2	3
9.p	Says new words every week.	1	2	3
According to you, does the child hear well?		NO	I DON'T KNOW	YES

A 22-24 MONTHS The child:

1.a	Answers when called from another room.	1	2	3
2.a	Easily localizes the sound, even mild, from every location (i.e. from a side, above or below).	1	2	3
3.a	Identifies common environmental sounds and tells to you what he/she hears. (e.g. washing machine, dishes, vacuum cleaner, etc.).	1	2	3
4.a	Enjoys listening to sounds and music in the radio, TV, computer.	1	2	3
5.i	He/she likes to listen to stories and/or asks you to tell him/her simple stories.	1	2	3
6.c	Understands questions that require yes-no answer (e.g. "Would you like some water?"; "Have you put your shoes?").	1	2	3
7.c	Understands instructions that require two actions (e.g. "Bring the ball and put it inside the box.").	1	2	3
8.p	He/she uses many different words when talking.	1	2	3
9.p	Combines two or more words and attempts to form a sentence (e.g. mamma pappa, tata bua).	1	2	3
10.p	Unknown persons understand around half of the words produced by the child.	1	2	3
According to you, does the child hear well?		NO	I DON'T KNOW	YES

A 25-30 MONTHS The child:

1.a	Upon hearing a new/interesting sound, he/she runs to see what happened or asks about it. Even if the sounds comes from another room.	1	2	3
2.a	Easily localizes the sound, even mild, from every location (i.e. from a side, above or below).	1	2	3
3.a	Shows interest in listening to music or songs from radio, computer, CD.	1	2	3
4.a	Shows interest in listening someone talking on the phone.	1	2	3
5.i	Shows interest in listening simple stories, read or told.	1	2	3
6.c	Understands simple questions and/or instructions (e.g. "Where's the dog?"; "Put on your shoes.").	1	2	3
7.c	Understands questions that contain multiple information (e.g. "Show me the little pink ball.").	1	2	3
8.p	If he/she knows the word for it, he/she says it when requested (e.g. when you ask "What is this?").	1	2	3
9.p	Combines two or more words and attempts to form a sentence.	1	2	3
10.p	Generates questions when talking (e.g. "What are you doing?"; "What's this?"; "And then?").	1	2	3
According to you, does the child hear well?		NO	I DON'T KNOW	YES

A 31-36 MONTHS The child:

1.a	Pays attention to verbal warnings indicating danger (e.g. when you say "Stop!" or "Watch out!").	1	2	3
2.a	Easily localizes the sound, even mild, from every location (i.e. from a side, above or below).	1	2	3
3.a	Listens to songs, stories, nursery rhymes that he/she hears on CDs, radio, TV.	1	2	3
4.a	Listens when someone is talking on the phone and talks to him/her.	1	2	3
5.i	If elicited, he/she talks to you about the activities during that day.	1	2	3
6.c	Understands the meaning of inside, outside, above and under.	1	2	3
7.c	Understands instructions that require two or more actions (e.g. "Bring the sweater, put in in the bag and put on the shoes.").	1	2	3
8.c	Understands questions that begin with "where", "who", "what", and "when".	1	2	3
9.c	Understands the meaning of simple stories that you tell based on an illustrated book.	1	2	3
10.p	Produces the sentences with more than two words and starts to use words "later", "but", "why".	1	2	3
11.p	Unknown persons understand almost all words produced by the child.	1	2	3
According to you, does the child hear well?		NO	I DON'T KNOW	YES