

CMV

Information for Families



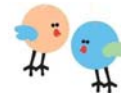
The CHIMES Study

Cytomegalovirus (si-to-MEG-a-lo-vi-rus) or CMV is a very common virus found throughout the world. In the United States, most people will be infected by the age of 40. It usually does not cause any illness or problems in healthy children or adults. If CMV infection occurs during pregnancy, it can be passed from the mother to the unborn baby. When this happens it is known as a congenital CMV infection.

In the United States, it is estimated that 5 to 10 out of every 1000 babies will have a congenital CMV infection. Most babies born with CMV will not experience any problems from the infection. For those babies who do have problems, the most common concern is hearing loss. Although their hearing may be normal at birth, they can still develop hearing loss later in childhood. Therefore, all children known to have a congenital CMV infection should receive regularly scheduled hearing tests, at least until the age of five. Any concerns you may have regarding your child's hearing or speech should be discussed with your child's doctor. Below are developmental milestones for hearing and speech for all children.



Developmental Milestones of Hearing and Speech*



Birth to 3 Months:

- Reacts to loud sounds
- Is soothed by your voice
- Turns head to you when you speak
- Smiles when spoken to
- Seems to know your voice and quiets down when crying

3 to 6 Months:

- Looks upward or turns toward a new sound
- Responds to "no" and changes in tone of voice
- Imitates his/her own voice
- Enjoys rattles and other toys that make sound
- Begins to repeat sounds (such as ooh, aah, and ba-ba)
- Becomes scared by a loud voice

6 to 10 Months:

- Responds to name, telephone ringing, someone's voice, even when not loud
- Knows word for common things (cup, shoe) and sayings ("bye-bye")
- Makes babbling sounds, even when alone
- Starts to respond to requests such as "come here"
- Looks at things or pictures when someone talks about them

10 to 15 months:

- Plays with own voice, enjoying the sound and feel of it
- Points to or looks at familiar objects or people when asked to do so
- Imitates simple words and sounds; may use a few single words meaningfully
- Enjoys games like peek-a-boo and pat-a-cake

15 to 18 Months:

- Follows simple directions, such as "give me the ball"
- Uses words he has learned often
- Uses 2-3- word sentences to talk about and ask for things
- Knows 10 to 20 words

18 to 24 Months:

- Understands simple yes/no questions (Are you hungry?)
- Understands simple phrases ("in the cup," "on the table")
- Enjoys being read to
- Points to pictures when asked

24 to 36 months:

- Understands "not now" and "no more"
- Chooses things by size (big, little)
- Follows simple directions, such as "get your shoes" and "drink your milk"
- Understands many action words (run, jump)

*www.nidcd.nih.gov/health/voice/speechandlanguage.asp