



# PATIENT INFORMATION ON Speech and Language Development

## Otitis Media with Effusion (OME)

Also called ear fluid, OME can affect your child's ability to hear normally. This hearing loss could affect speech and language development in some children, especially when the fluid is in both ears and lasts a long time. This information will help you better understand how ear fluid might affect your child.

## Your Child's Speech

*Speech* (sometimes called *articulation*) is the physical production of sounds in sequence to form words. Children with delayed speech may omit sounds or substitute easy sounds for harder sounds (i.e., t/s as in "I tee the tun in the ty."). These errors can affect the clarity of your child's speech.

### Findings that Suggest Delayed Speech Development

- Your child doesn't babble using consonants (particularly b, m, d, and n) by 9 months.
- Your child uses mostly vowel sounds and gestures after 18 months.
- Your child's speech is hard to understand at the age of 3 years.
- Your child frequently leaves out or adds consonants in words at the age of 3 years.
- Your child is not able to produce most sounds by the age of 5 or 6.

## Your Child's Language

*Language* is the meaning or message conveyed back and forth through speech, writing, or even gestures. *Receptive language* is the ability to understand what others say. Children with delayed receptive language may have difficulty, compared to other children, following directions or understanding the words or sentence structures used by others. *Expressive language* is the ability to choose the right words when communicating, and then put the words together appropriately for sentences and meaning. Children with delayed expressive language may have short utterances or sentences.

### Findings that Suggest Delayed Language Development

- Your child does not use any single words by 16 to 18 months.
- Your child cannot follow simple instructions, such as "Give me your shoe," or cannot point to body parts or common objects following a verbal request by 18 months.
- Your child does not use 3-4 word utterances by the age of 2 years.
- Your child does not communicate with complete sentences by the age of 3 years.
- Your child's sentences are still short or noticeably incorrect at the age of 4 years.

## What You Can Do

If there are delays in your child's speech or language development because of fluid, these delays usually disappear once the ear fluid goes away on its own or ear tubes are inserted. If a delay persists, your child should be referred to a speech-language pathologist for evaluation and treatment, as necessary. Reading to or with your child is also important because reading and spelling are strongly linked to speech and language development.

- Additional information on typical speech and language development in children can be found at: <http://www.asha.org/public/speech/development>.
- Additional information on helping your child with reading and writing can be found at: <http://families.naeyc.org/everyday-steps-to-reading-writing>.

**SOURCE:** Rosenfeld RM, Shin JJ, Schwartz SR, et al. Clinical practice guideline (update): otitis media with effusion. *Otolaryngol Head Neck Surg.* 2016;154(1 Suppl):215-225.



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The American Academy of Otolaryngology-Head and Neck Surgery ([www.entnet.org](http://www.entnet.org)), one of the oldest medical associations in the nation, represents about 12,000 physicians and allied health professionals who specialize in the diagnosis and treatment of disorders of the ears, nose, throat and related structures of the head and neck. The Academy serves its members by facilitating the advancement of the science and art of medicine related to otolaryngology and by representing the specialty in governmental and socioeconomic issues. The AAO-HNS Foundation works to advance the art, science, and ethical practice of otolaryngology-head and neck surgery through education, research, and lifelong learning. The organization's vision: "Empowering otolaryngology-head and neck surgeons to deliver the best patient care."