Intonation

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Synonyms

Prosody; Tone of voice

Definition

Intonation refers to the melodic patterns of the voice which are not used to differentiate words. It can be used to indicate the function of a sentence (e.g., statement, question, sarcastic comment), the speaker's affect, or to emphasize important topics in a conversation. Individuals with autism spectrum disorder often have atypical intonation patterns, either using little intonation, resulting in a flat or robotic sound, or using exaggerated intonation, which can sound unusual as well. These characteristic intonation patterns can be diagnostic markers for autism spectrum disorder.

See Also

- **▶** Monotone
- ► Prosody

References and Readings

- Diehl, J. J., & Berkovits, L. (2010). Is prosody a diagnostic and cognitive bellwether of autism spectrum disorders? In A. Harrison (Ed.), Speech disorders: Causes, treatments, and social effects (pp. 159–176). New York: Nova Science.
- Grossman, R. B., Edelson, L. R., & Tager-Flusberg, H. (2013). Emotional facial and vocal expressions during story retelling by children and adolescents with highfunctioning autism. *JSLHR*, 56, 1035–1044.
- McCann, J., & Peppé, S. (2003). Prosody in autism spectrum disorders: A critical review. *International Journal of Language and Communication Disorders*, 38(4), 325–350.
- Paul, R., Augustyn, A., Klin, A., & Volkmar, F. R. (2005). Perception and production of prosody by speakers with autism spectrum disorders. *Journal of Autism and Developmental Disorders*, 35(2), 205–220.
- Shriberg, L. D., Paul, R., McSweeny, J. L., Klin, A., Cohen, D. J., & Volkmar, F. R. (2001). Speech and prosody characteristics of adolescents and adults with high-functioning autism and Asperger syndrome. *Journal of Speech, Language, and Hearing Research*, 44(5), 1097–1115.