

Auditory Processing



About Sound Therapy:

Sound-based therapy involves the use of sound vibration that impacts the body using special equipment, programs, modified music, and/or specific tones/beats, the need for which is identified with appropriate testing.

About Auditory Processing:

Auditory processing has been described as "what we do with what we hear." In other words, it is the ability of the brain (i.e., the central nervous system) to process incoming auditory signals. The brain identifies sounds by analyzing their distinguishing physical characteristics frequency, intensity, and temporal features. These are features that we perceive as pitch, loudness, and duration. Once the brain has completed its analysis of the physical characteristics of the incoming sound or message, it then constructs an "image" of the signal from these component parts for comparison with stored "images." If a match occurs, we can then understand what is being said or we can recognize sounds that have important meanings in our lives (sirens, doorbells, crying, etc.). (<http://www.tsbvi.edu/Outreach/seehear/spring00/centralauditory.htm>)

Therapies Offered:

AIT, Tomatis®, Fast ForWord™, Interactive Metronome™, BioAcoustics™, and home programs. Therapies are only suggested after completing the Diagnostic Evaluation for Therapy Protocol (DETP®) which determines if any sound-based therapy is appropriate and when it is, in the correct order. We utilize *The Davis Model of Sound Intervention®*.

Sound-based therapies are not medical treatments. They do not cure or treat medical disease conditions. They work on supporting change in learning, development, and wellness. The work of The Davis Center is no substitute for a medical diagnosis and treatment.

DON'T DELAY! CALL TODAY!

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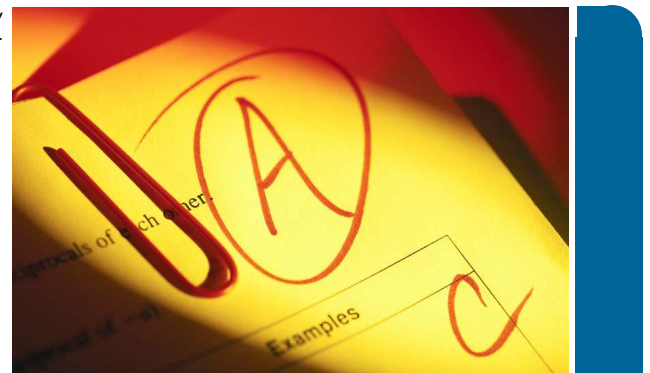
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Auditory Processing and Sound-Based Therapy

Sound-based therapy supports positive change with:

- Hypersensitivity and Hyposensitivity to sound
- Listening in background noise
- Bilateral integration
- Auditory closure
- Auditory memory
- Auditory sequence
- Auditory discrimination
- Temporal sequencing
- Delayed auditory feedback
- Attention/focus
- Listening
- Word retrieval



With over 40+ years experience, The Davis Center is the World's Most Comprehensive Sound Therapy Center!