Figure 3. Auditory processing tests, broken down categorically.

Dichotic Tests

Test	Process	Sensitive To
Dichotic Digits DD	Binaural Integration	Brainstem, cortical, and corpus callosal lesions
Staggered Spondaic Word SSW	Binaural Integration	Brainstem, and Cortical Lesions
Competing Words Test	Binaural Integration	Neuomaturation
Competing Sentences Test CS	Binaural Separation	Neuromaturation and language processing
Synthetic Sentence Identification SSI-CCM	Binaural Separation	Cortical vs. brainstem lesions
Pediatric Speech Intelligibility PSI-CCM		

Temporal Tests

Test	Process	Sensitive To
Duration Pattern Test DPT	Auditory Pattern Temporal Ordering APTO	Cortical lesions, interhemispheric transfer
Frequency Pattern Test FPT	Auditory Pattern Temporal Ordering APTO	Cortical lesions, interhemispheric transfer
Random Gap Detection RGDT	Temporal Resolution	Cortical, particularly left temporal lobe lesions
Gap in Noise GIN	Temporal Resolution	Cortical, particularly left temporal lobe lesions

Monaural Low- Redundancy Speech Tests

Test	Process	Sensitive To
Low Pass Filtered Speech LPFS	Monaural Separation Closure MSC	Brainstem and cortical lesions especially 1st auditory cortex
Time Compressed Speech Test	Monaural Separation Closure MSC	Brainstem and cortical lesions
Synthetic Sentence Identification SSI-ICM	Monaural Separation Closure MSC	Low brainstem lesions
Auditory Figure Ground AFG	Monaural Separation Closure MSC	Low brainstem, cortex
Selective Auditory Attention Test SAAT	Monaural Separation Closure MSC	Low brainstem
Pediatric Speech Intelligibility	Monaural Separation Closure MSC	Low brainstem

Binaural Interaction

Test	Process	Sensitive To
Masking Level Difference		Low brainstem
Rapid Alternating Speech Perception		Low brainstem