

## Auditory Processing Tests

*This information is provided for education purposes only. Reference to any specific commercial products, process, or service by trade name, trademark, manufacturer, or otherwise, does not constitute or imply endorsement by the Department of Defense or Defense Health Agency Hearing Center of Excellence.*

### Bundled Tests and Products

- APD Battery [Duration Pattern Sequence-Musiek Version, Random Gap Detection Test – Standard Version, Frequency Pattern, Gaps in Noise (GIN), Masking Level Difference-Tones] <sup>1</sup>
- Central Auditory Processing Tests CD, Musiek Version (Frequency Pattern Test, Duration Pattern Test, Dichotic Digits, Gaps in Noise) <sup>5</sup>
- Central Test Battery Kit (Staggered Spondaic Word Test, Phonemic Synthesis Test, W-22 word lists, Phoneme Recognition Test, Competing Environmental Sounds Test) <sup>5,7</sup>
- Musiek CAP (Dichotic Digits, Frequency Pattern, Duration Pattern) <sup>1</sup>
- NCAP Battery (Duration Pattern Sequence-Standard Version, Random Gap Detection Test-Standard & Expanded Versions, Pitch Pattern Sequence-Adult Version, Pitch Pattern Sequence-Children Version, Masking Level Difference Tones) <sup>1</sup>
- SCAN-3:A Tests for Auditory Processing Disorders in Adolescents and Adults <sup>1,6</sup>
- VA Compact Discs #2 and #4 <sup>2,4</sup>

### Dichotic Listening Tests (Binaural Integration and Binaural Separation)

- Auditory Fusion Test-Revised (AFT-R) <sup>1</sup>
- Competing Sentences <sup>1</sup>
- Dichotic Consonant-Vowel (DCV) <sup>1</sup>
- Dichotic Digits-Musiek <sup>1</sup>
- Dichotic Digits-Standard <sup>1</sup>
- Dichotic Sentence Identification <sup>1</sup>
- Dichotic Word Listening Test <sup>1</sup>
- Rapid Alternating Speech <sup>1</sup>

*Tests and products listed can be found from the following sources:*

<sup>1</sup> Auditec, Inc. (2568 Grayland Walk, St. Louis, MO 63129, 314-416-1050)

<sup>2</sup> Denver Acquisition and Logistics Center (303-273-6200; <https://www.va.gov/eauth/roes/>)

<sup>3</sup> Etymotic (14301 FAA Blvd, Fort Worth, TX 76155, 817-554-9745)

<sup>4</sup> HCE Clinical Care Section (email: [dha.ncr.j-9.list.hce-clinical-care@health.mil](mailto:dha.ncr.j-9.list.hce-clinical-care@health.mil))

<sup>5</sup> Oaktree Products (610 Spirit Valley East, Chesterfield, MO 63005, 636-530-1664)

<sup>6</sup> Pearson Assessments (19500 Bulverde Rd #201, San Antonio, TX 78259, 800-627-7271)

<sup>7</sup> Precision Acoustics (13410 SE 26<sup>th</sup> Cir, Vancouver, WA 98683, 360-836-4264)

This information was developed by clinicians and researchers in the VA/DOD Central Auditory Processing Disorder (CAPD) working group.

- Synthetic Sentence Identification-Contralateral Competing Message<sup>1</sup>
- Spondee Binaural Fusion <sup>1</sup>
- Staggered Spondaic Word (SSW) <sup>5,7</sup>

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### Temporal Processing Tests

- Duration Pattern – Musiek <sup>1</sup>
- Duration Pattern Sequence – Standard <sup>1</sup>
- Frequency Pattern <sup>1</sup>
- Gaps in Noise (GIN) <sup>1</sup>
- Masking Level Difference-Speech <sup>1</sup>
- Masking Level Difference-Tone <sup>1</sup>
- Pitch Pattern Sequence-Adult <sup>1</sup>
- Random Gap Detection Test-Standard <sup>1</sup>
- Random Gap Detection Test-Standard & Expanded <sup>1</sup>

### Monaural Low Redundancy Tests (Filtered/Distorted Speech & Speech in Noise)

- BKB-SIN <sup>3</sup>
- NU-6 Low Pass Filter at 750 Hz <sup>1</sup>
- NU-6 Low Pass Filter at 1000 Hz <sup>1</sup>
- NU-6 Time Compressed, 30% & 60% <sup>1</sup>
- NU-6 Time Compressed with & without Reverberation, 45% <sup>1</sup>
- QuickSIN Speech-in-Noise Test <sup>3</sup>
- Speech-in-Noise <sup>1</sup>
- Synthetic Sentence Identification-Ipsilateral Competing Message <sup>1</sup>
- Synthetic Sentence Identification-Ipsilateral Competing Message, Reverse Order <sup>1</sup>
- Synthetic Sentence Identification-Ipsilateral Competing Message, +10 & 0 MCRs <sup>1</sup>
- Time Compressed Sentence Test <sup>1</sup>
- W-22 Time Compressed <sup>1</sup>

### Auditory Attention

- Selective Auditory Attention Test (SAAT) <sup>1</sup>

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