Research Supports
SCAN-3 Outcomes

Standardization
• Data collected from a sample of 775 examinees were used to develop SCAN-3 norms. There were 525 children in the SCAN-3: C sample and 250 adolescents and adults in the SCAN-3: A sample.
• The standardization edition of SCAN-3 was administered by 105 speech-language pathologists, audiologists and school psychologists in 32 states.

Evidence of Reliability
• The average reliability coefficients of the Auditory Processing Composite (APC) are excellent: .91 for the Child edition and .93 for the Adolescents & Adult edition.
• Test-retest stability is .77 for SCAN–3: C and .78 for SCAN–3: A.
• Interscorer agreement for both tests is very high (.98).

Evidence of Validity
• Evidence of validity in the Examiner’s Manual includes evidence based on test content, response processes, internal structure, and special group studies.
• A study of 40 children, ages 5.0–12:11 diagnosed with Auditory Processing Disorder (APD) was completed as part of the validation research for SCAN–3: C. A total of 61 adolescents and adults diagnosed with APD were tested to provide evidence of validity for SCAN–3: A.
• Each child in the APD group was matched to a control subject from the standardization sample based on age, parent education level, and race/ethnicity.
• Both studies provide evidence that SCAN-3 is a valid tool for identifying individuals with auditory processing disorders.

It takes more than listening to connect.
Developed by well-known and respected author Dr. Robert W. Keith, SCAN-3: C for Children and SCAN-3: A for Adolescents & Adults, helps you differentiate an auditory processing disorder from auditory attention and auditory comprehension problems. Use SCAN-3 results to develop strategies to help your clients manage auditory processing difficulties at school, work, home, and in the community.

SCAN-3 Features
• Co-normed battery of tests enables you to assess auditory processing and make test-to-test performance comparisons
• New! Includes screening, diagnostic, and supplementary tests
• Two new tests—Gap Detection and Time Compressed Sentences—address areas critical to APD assessment
• Continuous norming from ages 5:0 through 50:11
• Reliable and valid
• Manual addresses functional outcomes

SCAN-3 is Easy to Administer and Score
• Administration directions and test stimuli are presented via CD
• Examinees hear words or sentences presented in background noise to simulate environments in which listening is difficult, such as listening to conversations at school, restaurants, or at sports events
• The stimuli for the filtered words tests are filtered in a way that degrades the signal to simulate real-life conditions such as talking on a cell phone
• Use the simple and objective scoring criteria to screen auditory processing skills needed or obtain comprehensive, diagnostic information

SCAN-3: C and SCAN-3: A Test Batteries Include:
• Battery of Nine Co-normed Tests
  • Filtered Words
  • Auditory Figure–Ground: 0 dB signal-to-noise ratio
  • Auditory Figure–Ground: +8 dB signal-to-noise ratio
  • Auditory Figure–Ground: +12 dB signal-to-noise ratio
  • Competing Words–Free Recall
  • Competing Words–Directed Ear
  • Competing Sentences
  • Gap Detection
  • Time Compressed Sentences

Screening Tests
• Gap Detection
• Time Compressed Sentences

Diagnostic Tests
• Filtered Words
• Auditory Figure–Ground (signal-to-noise ratios of 0 dB, +8 dB, and +12 dB)
• Competing Words–Directed Ear
• Competing Sentences

Materials
0158910256XA4 SCAN-3: C Children Complete Kit includes: Manual, CD, 25 Record Forms
0158910214XA4 SCAN-3: C Manual
0158910222XA4 SCAN-3: C CD
0158910230XA4 SCAN-3: C Record Forms (25)
0158910168XA4 SCAN-3: A Adolescents & Adult Complete Kit includes: Manual, CD, 25 Record Forms
0158910176XA4 SCAN-3: A Manual
0158910184XA4 SCAN-3: A CD
0158910192XA4 SCAN-3: A Record Forms (25)
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Overview
Age Range
SCAN-3: C, Children 5:0–12:11
SCAN-3: A, Individuals 13:0–50:11
Publication Date
2009
Qualification Level
B, Q1, Q2
Completion Time
Screening tests: 10–15 minutes
Diagnostic tests: 30–45 minutes
Administration
Paper-and-pencil and audio CD
Scores/Interpretation
Screening tests: norm-based criterion-referenced scores; Diagnostic tests: scaled scores, percentile ranks, Ear Advantage scores for all tests except Gap Detection
Scoring Options
Hand scoring
RTI Tiers
Screening: 1
Diagnostic: 2 and 3
Supplemental: 3
Materials
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