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Wechsler Adult Intelligence Scale - Fourth Edition (WAIS-IV)**

Availability	<p>Please visit this website for more information about the instrument:</p> <p><u>Wechsler Adult Intelligence Scale-Fourth Edition</u></p>
Classification	Supplemental – Sickle Cell Disease (SCD)
Short Description of Instrument	<p>Publication Date: 2008 Ages/Grades: Individuals 16-90 years Scores: VIQ, PIQ, and FSIQ scores</p>
Comments	<p>The WAIS-IV is a battery of tests that provides an estimate of general intellectual functioning. The WAIS-IV has 10 core subtests (Arithmetic, Block Design, Comprehension, Digit Span, Digit Symbol, Information, Letter-Number Sequencing, Matrix Reasoning, Picture Arrangement, Picture Completion, Processing Speed, Object Assembly, Similarities, Symbol Search, and Vocabulary) which make up four index scores, including the Verbal Comprehension Index (VCI), the Perceptual Reasoning Index (PRI), the Working Memory Index (WMI), and the Processing Speed Index (PSI).</p> <p>Index Scores: FSIQ, General Ability (GAI)</p> <p>Verbal Comprehension (VCI): The VCI is a measure of verbal concept formation, verbal reasoning, and knowledge acquired from one's environment.</p> <p>Perceptual Reasoning (PRI): The PRI is a measure of perceptual and fluid reasoning, spatial processing, and visual-motor integration.</p> <p>Working Memory (WMI): The WMI is a measure of working memory abilities, which involves attention, concentration, mental control and reasoning. Working memory tasks require the ability to temporarily retain information in memory, perform some operation or manipulation with it, and produce a result.</p> <p>Processing Speed (PSI): The PSI is composed of subtests measuring the speed of mental and eye/hand coordination. The PSI provides a measure of the person's ability to quickly and correctly scan, sequence, or discriminate simple visual information. This composite also measures short-term memory, attention, and visual-motor coordination.</p> <p>Excellent norms, frequently revised and correlated to other Wechsler products such as the WRAT-4, DKEFS subtests and the CVLT II.</p> <p>Subtests:</p>

VCI: Similarities, Vocabulary, Information
PSI: Block Design, Matrix Reasoning, Visual Puzzles
WMI: Digit Span, Arithmetic
PSI: Symbol Search, Coding

Publication Date: 2008

Ages: Individuals 16:0–90:11 years

Completion Time: 60–90 minutes

Language: English, Spanish

Scoring: Hand or computer scored. Alternative subtests are available for administration to a patient who is not a native English speaker or has received their academic education elsewhere.

Psychometric Properties: Per the Comments/Special Instructions section, the WAIS-IV subtests have shown validity in various studies

References

Foo R, Guppy M, Johnston L. Intelligence assessments for children with cerebral palsy: a systematic review. *Dev Med Child Neurol*. 2013;55(10):911–918.

McCrea SM, Robinson TP. Visual Puzzles, Figure Weights, and Cancellation: Some Preliminary Hypotheses on the Functional and Neural Substrates of These Three New WAIS-IV Subtests. *ISRN Neurology*. 2011:1-19.

Wechsler D. (2008) Wechsler Adult Intelligence Scale, fourth edition (WAIS-IV). The Psychological Corporation; San Antonio, TX. Technical Manual: [WAIS-IV Technical & Interpretive Manual](#)

Presentations:

[Wechsler General Ability Index, GAI, Symposium \(APA 2009\)](#)