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Wechsler Intelligence Scale for Children (WISC-V)**

Availability:	<p>Please visit this website for more information about the instrument: Wechsler Intelligence Scale for Children website.</p>
Classification:	<p>Supplemental – Highly Recommended: Cerebral Palsy (CP) Supplemental – Highly Recommended: Congenital Muscular Dystrophy (CMD).</p> <ul style="list-style-type: none">• Highly recommended for psychological and neuropsychological studies for ages 6 to 16 years. <p>Recommended for other types of studies as a way to characterize the study population.</p> <p>Supplemental: Epilepsy, Mitochondrial Disease (Mito), Multiple Sclerosis (MS), Neuromuscular Diseases (NMD).</p> <p>Basic/Supplemental: Traumatic Brain (TBI).</p>

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Short Description of Instrument:	<p>Administration: Individual, face-to-face, paper-and-pencil, or digital</p> <p>Completion Time: Core subtests: Approximately 60 minutes</p> <p>Scores:</p> <ul style="list-style-type: none">- FSIQ- Primary Index Scores: Verbal Comprehension (VCI), Visual Spatial (VSI), Fluid Reasoning (FRI), Working Memory (WMI), Processing Speed (PSI)<ul style="list-style-type: none">• VCI: Similarities, Vocabulary, (Information, Comprehension)• VSI: Block Design, (Visual Puzzles)• FRI: Matrix Reasoning, Figure Weights, (Picture Concepts, Arithmetic)• WMI: Digit Span, (Picture Span, Letter-Number Sequencing)• PSI: Coding, (Symbol Search, Cancellation)- Ancillary Index Scores: Quantitative Reasoning (QRI), Auditory Working Memory (AWMI), Nonverbal, General Ability (NVI), Cognitive Proficiency (CPI), Expanded Index Scores (Verbal/expanded crystallized index: VEI, expanded fluid index: EFI)- Complimentary Index Scores: Naming Speed (NSI), Symbol Translation (STI), Storage and Retrieval (SRI)- Five primary index scores; FSIQ as well as three of the five ancillary index scores can be obtained through the ten primary subtests <p>Scoring Options: <u>Q-interactive</u>[®] Web-based Administration and Scoring, <u>Q-global</u>[™] Scoring & Reporting or Manual Scoring</p> <p>Report Options: Score Reports, Interpretive Reports</p> <p>Publication Date: Fall 2014</p> <p>Ages: Children 6:0y–16:11y</p> <p>Psychometric Properties: See link below for specific data; Wechsler tests are the most widely used, “gold standard” instrument for testing intellectual functioning.</p>
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Special Comments / Rationale for Recommendations:	<p><u>Wechsler Intelligence Scale for Children V Technical Report #1</u></p> <p>Additional Benefits: There is a Wechsler test covering every age group and therefore could be useful in longitudinal studies and studies comparing patients across age groups. The updated WISC-V is more analogous to the most recent update of the WAIS-IV (adult version of the Wechsler Test), making longitudinal comparison easier.</p> <p>Weaknesses: Caution because psychometric research with full range of children with cerebral palsy is lacking, although many studies have used the WISC in assessing children with cerebral palsy, often as part of comprehensive battery. The test is very language intensive, and is therefore not appropriate for use in children with significant language impairment.</p> <p>Fine motor demands for some tasks may skew results (e.g., Block Design requires rapid manipulation of manipulatives). If Block Design cannot be administered, the Visual Puzzles subtest can be substituted to obtain the FSIQ. The VSI and some ancillary index scores may not be obtained in this situation.</p> <p>Floor effects may also be problematic for children with more significant impairment, with IQ scores generally not being measurable below the low 40s.</p>
Scoring:	<p>There are five primary index scores for the WISC-V: Verbal Comprehension Index (VCI), Visual Spatial Index (VSI), Fluid Reasoning Index (FRI), Working Memory Index (WMI), and Processing Speed Index (PSI); five ancillary index scores that may be derived for special clinical purposes or situations: the Quantitative Reasoning Index (QRI), the Auditory Working Memory Index (AWMI), the Nonverbal Index (NVI), the General Ability Index (GAI), and the Cognitive Proficiency Index (CPI); and two ancillary expanded index scores termed, Verbal (Expanded Crystallized) Index (VECI) and the Expanded Fluid Index (EFI) (Wechsler et al., 2014; Raiford et al., 2015).</p>

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Selected References:	<p>Manual supplement: WISC-V Technical and Interpretive Manual Supplement</p> <p>Technical Reports: WISC-V and Children with Intellectual Giftedness and Intellectual Disability</p> <p>WISC-V and Children with Autism Spectrum Disorder and Accompanying Language Impairment or Attention Deficit/Hyperactivity Disorder</p> <p>WISC-V Technical Report #1 Expanded Index Scores</p> <p>Canivez GL, Watkins MW, Dombrowski SC. Factor Structure of the Wechsler Intelligence Scale for Children-Fifth Edition: Exploratory Factor Analyses With the 16 Primary and Secondary Subtests. Psychol Assess. 2015 (In Press). doi: 10.1037/pas0000238.</p> <p>Raiford SE, Drozdick L, Zhang O, Zhou X. Technical Report #1 Expanded Index Scores August, 2015 NCS Pearson, Inc. Accessed 21 Oct 2016: http://www.pearsonassess.ca/content/dam/ani/clinicalassessments/ca/programs/pdfs/WISC-V-TechReport1-ExpandedIndexScores.pdf.</p> <p>Wechsler D, Raiford SE, Holdnack JA. WISC–V Technical and Interpretive Manual Supplement 2014 NCS Pearson, Inc. Accessed 21 Oct 2016: http://downloads.pearsonclinical.com/images/Assets/WISC-V/WISC-V-Tech-Manual-Supplement.pdf.</p> <p>Yin Foo R, Guppy M, Johnston LM. Intelligence assessments for children with cerebral palsy: a systematic review. Developmental medicine and child neurology. 2013;55(10):911–918.</p>
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