



Why Add Computerized Cognitive or Brain Health Testing to Your Practice or Research?

As you map the future strategic direction of your practice and research... Consider the CNS Vital Signs Advantages

CNS Vital Signs In-Clinic, Telehealth & Remote Neurocognitive Testing procedures (ages 8 to 90) provides objective, valid, and reliable clinical data from a broad-spectrum of brain domains and used to aid in the measurement and tracking of a patient's neurocognitive status as part of the evaluation, management and treatment process. CNS Vital Signs tests are computerized versions of widely used conventional neuropsychological tests and are backed by thousands of peer-reviewed independent research manuscripts in many diseases and clinical conditions.

CNS Vital Signs multi-modal testing also collects important clinical PRO rating scales to aid in the collection of symptoms, behaviors, quality-of-life, and comorbidities. The CNS Vital Signs assessment platform technologies are easy to implement, and intuitive to use, making for simple adoption into your clinical practice and research operations.

Who uses CNS Vital Signs? Since 2004, CNS Vital Signs has become the chosen testing platform for over 20 thousand Clinicians, Clinics and Researchers. CNS Vital Signs is a trusted world leader with over 20 million administered tests, 50+ languages, and used worldwide in over 50 countries by most major Academic Medical Centers and multi-clinic networks.

Benefits: Help Your Patients and Your Practice

Improve Patient Care

- **Cognitive function is an important biomarker for many conditions** e.g., Neurocognitive Disorders due to aging, AD/HD, Concussion, Etc.
- Neurocognitive function can now be **measured with valid Millisecond Precision.**
- **A scientifically valid & reliable, Broad-Spectrum assessment of cognitive domains** is available to support and inform your care management activities.
- **Extend Patient REACH...** CNS Vital Signs is Telemedicine and Remote Testing Enabled.
- **50+ Evidence-Based Medical PRO Rating Scales** to complement the cognitive testing.
- **HIPAA Compliant, SOC2 Type 2 Certified, 21 CFR 11 Compliant, & Easy Tab Delimited Data Export**

Enhance Your Practice

- **FDA Registered Medical Device: 3006559064.**
- **Generate increased revenue** with commonly used neurocognitive testing procedure billing codes. Widely reimbursed.
- **Automate the collection of Cognition and important quality and outcome measures** e.g., MIPS, QPP, Etc.
- **Easy to Administer & Affordable, 'Research Quality'** assessment platform for all size clinics.
- **Easy-to-interpret, Immediately Auto-scored Report** (seconds) & systematically documented.
- **No special equipment purchase required**, just a per-patient assessment fee with complimentary live support during normal business hours.

www.CNSVS.com • 888.750.6941 • support@cnsvs.com

*Begin Today... go to CNSVS.com > Click the 'GREEN Register' button > takes only minutes
... free Assessments for Trial & Training > Sign-up for a [Free In-Service Training Webinar](#)*

CNS Vital Signs primary function is to (measure) to detect even slight and early cognitive impairments and identify symptoms, behaviors and comorbidities. Secondly, is to augment data generated from the clinical history, the examination and other tests (evaluate). Thirdly, to longitudinally track cognitive function (manage treatments & monitor status).

- **Medical professionals and researchers know that good health has many dimensions, one of the most important and yet least measured is the health of a person's brain.**
- Assessing Neurocognition against a lifespan normative data set allows clinicians to grade the level of impairment or deficit being experienced by the patient across their lifetime and aid in early detection.
- Early detection and effective risk management (cardiovascular, nutrition, sleep, exercise, etc.) can impact neurocognitive health. CNS VS 'Cognitive Care Plan' template support Brain Health Risk Management clinical strategies.
- Longitudinal assessment enables the clinician to measure disease progression and/or track treatment outcomes.

CNS Vital Signs is Widely Used to Measure Neurocognition

Cognitive function is an important biomarker for many conditions. Neurocognitive function can now be measured with valid millisecond precision. A broad-spectrum assessment of cognitive domains is available to aid, support and inform your care management activities. CNS Vital Signs broad-spectrum cognitive assessment has independent peer-reviewed manuscripts in most all the clinical conditions below.

CNS Vital Signs was designed to work equally well in small and large clinical practices, large scale, worldwide clinical trials, and academic research. It is built on a modular platform that allows clinicians to use a customized & differentiated toolset to aid etiology analysis and better manage treatment outcomes.

Neuro

- **Brain Health Service**
- Enables the DSM-5 and MCI-Dementia-Alzheimer's Guidelines for Cognitive Assessment, Early Detection, Cognitive Care Plan, Etc.
- **TBI – mTBI - Concussion**
- CNS VS has a free baseline & retest for schools Sports Concussion programs. www.concussionvitalsigns.com
- **Multiple Sclerosis**
- **Parkinson's**
- **Stroke**
- **Sleep**
- **Treatment & Medication Effects**
- **Epilepsy**
- **Encephalopathy e.g., MHE**

Psych

- **ADHD**
- Helps identify frontal lobe deficits e.g., attention, executive dysfunction and ADHD Rating Scales.
- **Substance Use Disorder**
- **Treatment & Medication Effects**
- **Bipolar**
- **Schizophrenia**
- **Depression / Anxiety**
- **PTSD**
- **Asperger's**
- **High Functioning Autism**
- **Delirium**
- **Eating Disorders**
- **Chronic Pain – Fibro Fog**

Other

- **Rehabilitation**
- **Metabolic / Diabetes**
- **Infectious Disease: COVID, HIV / HAND, PANDAS, Lyme Disease, Prion Disease, etc.**
- **Cancer Cognition – Chemo Brain**
- **Forensic**
- **Cardiovascular**
- **Cardiac Surgery**
- **Occupational Health**
- **Capacity**
- **Human Performance: Exercise, DIET, Brain Health activities, Etc.**
- **Environmental - Neurotoxicity**
- **Genetic Phenotypes**

CNS Vital Signs is widely reimbursed. Once registered, you can have access to our industry leading Reimbursement Guide from your master account.

www.CNSVS.com • 888.750.6941 • support@cnsvs.com

Begin Today... go to CNSVS.com > Click the 'GREEN Register' button > takes only minutes ... free Assessments for Trial & Training > Sign-up for a [Free In-Service Training Webinar](#)

CLINICAL Benefits...

- **INTUITIVE, AUTO-SCORED REPORTS.** Presenting an “heat map” type report with raw scores, age-matched standard scores, percentile rank scores and longitudinal scores **aiding clinicians in grading the level and type of neurocognitive impairment** that can help rule-in or rule-out many clinical conditions e.g., MCI, ADHD, Concussion, COVID, Bipolar, Depression/Anxiety, etc.
- **CLINICALLY ROBUST AND VALID.** Ten age-matched normed Neurocognitive Tests (**ages 8 to 90**) from proven **neuropsychological tests according to DSM-5 recommendations** along with **Validity Indicators** to help assess symptom validity issues e.g., **Disability, Malingering. Correlated to Imaging, Metabolic and Genetics (ApoE).**
- **CUSTOMIZABLE TEST PANELS and PERSONALIZED MULTI-MODAL TESTING, Configure Cognitive Tests and Rating Scales** examining a broad-spectrum of brain domains including memory, executive function, attention, motor speed, social cognition, and more. Coupled with over **50+ Popular Free Rating Scales (supporting your MIPS activity)** including PHQ-9, GAD-7, Adult ADHD, Vanderbilt ADHD, MDQ Bipolar, Sleep, Pain, QOL, Fatigue and many more. The platform allows for both cognition and mood to be evaluated simultaneously. Customizable Test Panels help standardize clinical data collection for research and outcomes.
- **AUTO-RANDOMIZATION ALGORITHM.** Ideal for Auto-Longitudinal Testing with an almost unlimited number of alternate forms (others use a pseudo-randomization or limited number of alternate forms)
- **VALID & RELIABLE.** Thousands of peer-reviewed manuscripts from independent Academic Research and Clinical Trials. See PubMed/Clinicaltrials.gov/Google Scholar.

The CNS Vital Signs computer and digital testing platform aids in the ‘Millisecond Precise’ measurement of cognition for...

- **Establishing a Neurocognitive Baseline, Immediate Detection of Clinical Status or Impairment & Longitudinally Tracking.** Cognition is an important clinical marker in many clinical conditions and treatments such as MCI – Mild Cognitive Impairment, mTBI / Concussion, ADHD, COVID, Sleep PTSD, and many other conditions; aiding & assisting clinicians in their E&M activities and assessing outcomes.
- **Provide Patients, Family Members and Caregivers** with an objective assessment of cognitive and behavioral status that may impact activities of daily living and capabilities pertaining to family, occupational and rehabilitation goals.
- **Help Evaluate the possibility of Disability, Secondary Gain** (academic accommodation, drug seeking, etc.) **Malingering or Reading issues with embedded validity indicators for each test.**
- **Help identify patients needing additional neuropsychological evaluations.**

RESEARCH Benefits...

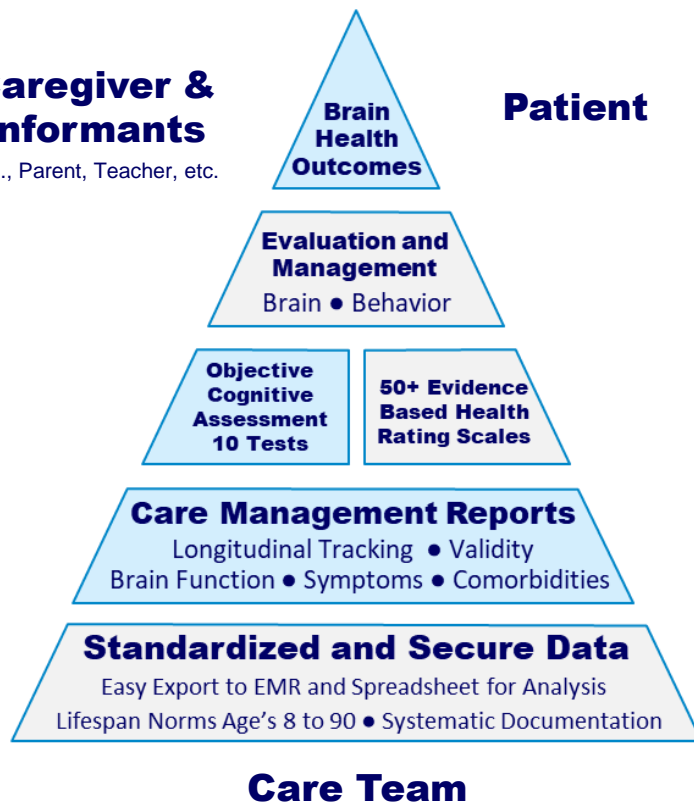
- **DEPLOYMENT.** Minimal rater training required. Straight forward hardware requirements, Internet enabled but not internet dependent. Unmatched ease of use for the site or clinic. Customized testing designed to yield the domains required for your project by providing the ability to **craft batteries from 4 minutes to 45 minutes** or longer depending on your research requirements. Custom rating and symptom scales can be easily added to the battery. **Neurocognitive tests in over 50 Languages and used in over 50 countries.**
- **DATA MANAGEMENT. Easy Tab Delimited Data Export.** Immediate and automated post-test scoring; scoring can occur locally on the testing computer or be scored on the CNS VS Web App and auto-uploaded to your CNS VS Master Account and/or your network servers. Data collection flexibility to match budget and data gathering preferences.
- **LARGE SCALE.** Multi-year worldwide, national, statewide research plus screening and surveillance projects.

PRACTICE Benefits... Optimized for Care Management and Research

- In-Clinic, Telehealth & Remote Cognitive Testing
- Millisecond Precision & Personalized Testing
- **Affordability and Revenue...** Widely Reimbursed. *Simple pay as-you-go assessments (no expiration) with volume discounts available. Free upgrades, training. No subscriptions or hidden fees.*
- **Easy to Train and Onboard**
- **Free Support and Training**
- **Patient Ease of Use & Acceptability...** Intuitive
- **Rapidly Configure Custom/Personalized Solution**
- **Computer, Tablet & Cell Enabled...** Keyboard or Touch Pad Optimized (Windows & Apple) No special hardware to purchase.
- **System Stability, Flexible** (web & local software – Apple and Windows)
- **Security & API Enabled...** HIPAA Compliant, SOC2 Type2 Certified, and 21 CFR 11 compliant
- **Ease of Data Management...** Tab Delimited Export

Caregiver & Informants

e.g., Parent, Teacher, etc.



What Computers and Devices can be used to collect patient testing data?

There are Multiple Types of DEVICES and APPLICATIONS. These tools can be custom configured to optimize the testing experience for your patient, practice or research protocol.

Local & Remote Laptop & Desktop Computers

Assessment

Local Software App or Web App
Testing on the Computer
Easily configured and deployed... with or without internet connectivity

Touch Handheld Devices

Web Based App
Testing on the Web
Easy Tab Delimited Export to Database or Spreadsheet

CNS Vital Signs Master Account "VIEW REPORTS"

Manage & Store

Free Back-up to CNS Vital Signs Cloud Servers

Data Back-Up Option: Practice Network or Cloud Servers

www.CNSVS.com • 888.750.6941 • support@cnsvs.com

Begin Today... go to CNSVS.com > Click the 'GREEN Register' button > takes only minutes ... free Assessments for Trial & Training > Sign-up for a [Free In-Service Training Webinar](#)

CNS Vital Signs Assessment Platform Technologies

CNS Vital Signs customized solutions are **easily deployed at individual practices, busy large group practices, hospital networks, academic medical centers and research projects.** Our platform technologies help to **enable the OBJECTIVE EVALUATION of the BRAIN (neurocognition) under challenge**, identifying health status, symptoms, possible comorbidities, behavioral issues, and other important clinical information. The CNSVS platform is **sophisticated (many research and clinical applications)**, but it is also **simple (intuitive and easy to use in busy clinic settings).** **CNS Vital Signs provides the ability to deliver a 'research quality' system, to every practice, in a cost-effective manner.**

Multiple Testing Solutions... Custom Configured Solutions

