

**Our focus on central nervous system (CNS) research means that we can provide greater medical and scientific expertise and operational excellence—all critical to the success of CNS trials. With a market-leading reputation in the field, our experience spans all phases of clinical research and a broad spectrum of indications in adult and pediatric psychiatry, neurology, and analgesia. We are specialists dedicated to helping our clients meet their specialized goals.**

### **Scientific leadership**

Recognized for its depth of thinking and results, i3 CNS is led by professionals who are board-certified psychiatrists, neurologists, and licensed psychologists. Our experts are widely respected in CNS clinical development and involved in a wide range of research activity including specialized committees and research societies. Our medical and scientific experts have authored more than 100 peer-reviewed manuscripts, six books, and 60 CNS study protocols. This expert knowledge is fundamental to how we run clinical trials; it supports our clients' decision making and adds value throughout the entire development process.

We build clinical operations teams that have extensive CNS experience, with seasoned project directors, project managers, and CRAs throughout the world. Seamless integration of scientific, medical, and operations teams means every aspect of a CNS study is more efficient and exact.

### **Indications include:**

#### PSYCHIATRY

- ADHD
- Bipolar disorder
- Generalized anxiety disorder
- Major depressive disorder
- Obsessive-compulsive disorder
- Panic disorder
- Schizophrenia
- Social anxiety disorder
- Addiction

#### NEUROLOGY

- Alzheimer's disease
- Mild cognitive impairment
- Epilepsy
- Multiple sclerosis
- Parkinson's disease
- Sleep disorders (insomnia, restless legs syndrome)
- Stroke

#### ANALGESIA

- Headache including migraine
- Chronic non-malignant pain
- Low back pain (acute and chronic)
- Neuropathic pain
- Arthritic pain
- Post-operative pain (various)
- Breakthrough cancer pain

### **Therapeutic consulting**

Experienced with managing full development programs, we can offer a unique level of strategic thinking and highly focused services. Clients come to us to help them get their projects moving fast right from the start, from protocol writing to trial feasibility assessment to site selection and beyond. We gear our insights and our services to the demands of CNS research.

**Specialized CNS services include:**

- Protocol and program development
- Scientific/regulatory writing
- Publication support
- Key opinion leader and advisory panel support
- Feasibility assessment
- Global rater training
- Scale translation and harmonization
- Computerized Neuropsychological Test Battery

**Global rater training**

i3 offers global rater training services in more than 15 languages, including expert content videotapes. Our international network of multilingual clinical consultants offers country-specific expertise with issues related to training and translation/harmonization of scales. Through global rater training, i3 works to improve the quality and consistency of test administration and test scoring/behavioral rating of scales so that data are more valid and reliable.

**Computerized Neuropsychological Test Battery**

i3's proprietary neuropsychopharmacologic assessment tool, the Computerized Neuropsychological Test Battery (CNTB), can give our clients sharper results and a better understanding of cognitive function than other batteries on the market. The CNTB provides comprehensive sampling of neuropsychological functions and is sensitive to a broad range of impairment. It has published validity, reliability, and sensitivity and is fully compliant with FDA 21 CFR Part 11.

Find out what i3's specialized approach can do for your next CNS study.

**Contact us**

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