

MEDPACE

NEUROSCIENCE
Experts. Experience. Execution.



Discover the **POWER OF X™**

The Power of X in Neuroscience

Experts:

- Led by highly experienced neurologists and a psychiatrist, with extensive experience from early stage strategic development through study execution and approval
- Integrated neuroimaging expertise
- Seasoned, collaborative neuroscience project teams with a wide variety of therapeutic experience

Experience:

- Broad experience across neurological, pain and psychiatric indications
- Early phase strategic program development
- Phase I - IV global trial experience
- Medical device and IVD experience

Execution:

- Full-service approach to drug, device, and IVD development (visit Medpace.com for a full list of comprehensive services.)
- Global imaging services through Medpace Imaging Core Lab (wholly-owned subsidiary)
- Ongoing relationships with investigative sites with proven track records and years of experience in the execution of clinical trials for neuroscience and psychiatric indications
- Fully-integrated, web-based decision support system provides IWRS/IVRS, study product management, data management, laboratory management, and image management needs

Focused Neuroscience Clinical Development

Medpace, a global full-service CRO, is a best-in-class strategic partner for sponsors in neuroscience drug, device, and IVD development.

The Medpace Difference for Neuroscience Studies

Our neuroscience clients benefit from:

- Medical experts who provide the strategic direction of study design and planning, train operational staff, work with Primary Investigators (PIs), provide medical monitoring services, and meet with regulatory agencies for neuroscience projects
- A full-service model for seamless drug, device, and IVD development
- Global trial management teams with extensive experience managing and executing neuroscience trials
- Well-profiled network of sites with neuroscience experience to support effective enrollment and data quality
- Medpace Imaging Core Laboratory and neuroimaging experts to ensure the highest quality imaging acquisition and interpretation

Over the past 15 years, Medpace has successfully conducted neurological, pain and psychiatric studies around the globe. Medpace provides full-service programs and also selected start up, back-end, and regulatory services for these programs. Due to prior experience with a variety of neurologic indications, Medpace has developed relationships with neurologists in a wide variety of neurologic indications.

Our experienced neuroscience team leverages their real life expertise to support our clients in meeting the unique challenges of neuroscience clinical development.

Experience Highlights

Neurology

- Alzheimer's disease
- Migraine
- Multiple sclerosis
- Epilepsy
- Muscular dystrophy
- Huntington disease
- Subarachnoid hemorrhage
- Sleep-wake disorder
- Ischemic stroke
- TTR amyloidosis
- Fragile X syndrome

Pain

- Chronic non-cancer pain
- Acute pain
- Neuropathic pain
- Opioid-induced constipation

Psychiatry

- Schizophrenia
- Anxiety disorder
- Bipolar disorder
- Depression

Core Imaging Expertise for Neurologic Trials

The support of the Medpace core imaging laboratory and neuroimaging experts assures the highest quality imaging acquisition and interpretation which is crucial for the success of trials relying on neuroimaging for patient selection or as a primary endpoint. Medpace Core Imaging Lab provides an end-to-end suite of imaging services to enhance and expedite biopharmaceutical and imaging contrast agent development, including consultation on imaging biomarker strategies, image acquisition protocols, image collection/archiving services, and image analysis across imaging modalities and therapeutic areas. Led by a medical team with extensive clinical trial experience in neurosciences including Alzheimer's Disease and stroke, the Imaging Core Lab provides centralized lab capabilities for managing standard, as well as innovative, imaging modality including magnetic resonance imaging (MRI), computed tomography (CT), and bone densitometry or dual-energy x-ray absorptiometry (DXA).

Integrated Project Teams

Neurology/central nervous system (CNS) clinical research is a key therapeutic focus for Medpace. Well-established Sponsor relationships, exceptional clinical operations, and committed study teams drive your success. Medpace has built a team of medical, clinical, and regulatory experts who have been involved with the management and execution of neuroscience trials from the Sponsor/CRO project management role and the site study coordination/patient care perspective. All team members are involved from project initiation to completion, producing truly seamless drug, device and IVD development.

Medical Device and Combination Products

Medpace brings together its medical and regulatory experts into a collaborative team that understands the nuances from both the drug and device perspectives. Medpace is experienced in helping clients meet regulatory compliance and ensuring patient safety while accelerating their medical device, combination or IVD products to market.

Real-time System Support

Fully integrated real-time information is supported with ClinTrak[®], Medpace's proprietary web-based decision support system. ClinTrak provides IWRS/IVRS, study management, data management, laboratory management, image management, and endpoint adjudication.

Who We Are

Medpace is a global full-service clinical research organization providing Phase I-IV core development services for drug, biologic, and device programs. With medical and regulatory expertise in multiple therapeutic specialties, Medpace has assembled experienced and therapeutically focused teams to execute at every level of the company's operations, providing complete and seamless drug development services.

M E D P A C E

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