

## FOCUSED NEUROSCIENCE CLINICAL DEVELOPMENT

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

## MAKING THE COMPLEX SEAMLESS™

### 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
- Global trial management teams with extensive experience managing and executing neuroscience trials

### EXECUTION

- Full-service approach to drug, device, and IVD development
- 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



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## 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.

### Imaging capabilities

- Resonance imaging (MRI)
- Computed tomography (CT)
- 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.

## FULL-SERVICE CLINICAL DEVELOPMENT

Medpace is a scientifically-driven, global, full-service clinical contract research organization (CRO) providing Phase I-IV clinical development services to the biotechnology, pharmaceutical and medical device industries. Medpace's mission is to accelerate the global development of safe and effective medical therapeutics through its high-science and disciplined operating approach that leverages local regulatory and deep therapeutic expertise across all major areas including oncology, cardiology, metabolic disease, endocrinology, central nervous system and anti-viral and anti-infective.

**WE CAN'T SIMPLIFY  
CLINICAL DEVELOPMENT –  
BUT WE CAN EXECUTE  
IT SEAMLESSLY.**

