

STROKE & NEUROVASCULAR DISEASE CLINICAL DEVELOPMENT

Challenges faced in stroke clinical trials include patient recruitment based on time constraints required to provide standard of care treatments. Accelerate your study by identifying a therapeutically focused clinical research organization (CRO) highly experienced in stroke research. Medpace has the medical, regulatory, operational leadership and disciplined operating approach to position your stroke trial for success.

Medpace has conducted stroke trials in over 25 countries. We take pride in our integrated functional model and long-standing neurological expertise allowing us to operate with the agility of a focused partner while delivering the geographic reach, operational rigor, and consistency typically associated with much larger organizations.

Having supported complex acute stroke programs worldwide, Medpace brings the proven ability to navigate regional healthcare systems, align cross-border teams, and execute time-sensitive trial operations making Medpace uniquely positioned to support high-stakes stroke studies at a global scale.

KEY STROKE EXPERIENCE

Medpace has designed and conducted multiple Ischemic and Hemorrhagic stroke detection and prevention studies. Our biopharmaceutical and medical device experience spans:

- Acute Ischemic Stroke (AIS)
- Transient Ischemic Attack (TIA)
- Large Vessel Occlusion
- Restorative Therapies
- Thrombolytic Therapies
- Preventative Therapies
- Medical Device Therapies



EXPERTS

- In-house experienced medical and operational leadership with stroke experience as well as backgrounds in stroke-specific scientific research.
- Deep expertise in interventional and pharmacologic approaches, including IV thrombolytics, endovascular therapy (EVT), neuroprotection, anti-inflammatory agents, and secondary prevention strategies.

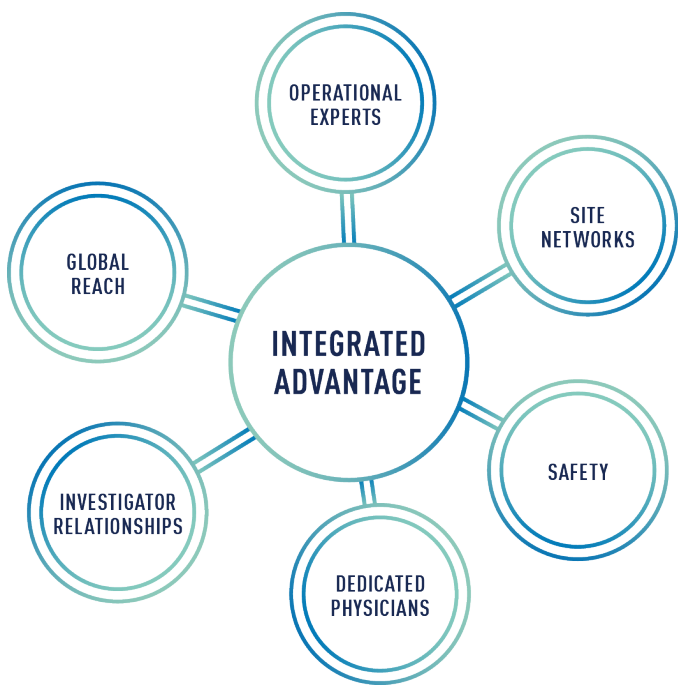
EXPERIENCE

- Experienced across Phase I-IV studies, with global regulatory strategy and submission spanning FDA, EMA, PMDA, and MHRA.
- Solid foundation in vascular research and development, including reperfusion and neuroprotective therapies, with proactive management of key clinical and operational considerations.

EXECUTION

- Proactive site enrollment initiatives tailored to challenging study populations.
- ClinTrak® - A proprietary, feature-rich, and fully customizable Clinical Trial Management System to inform decision making, drive efficiencies, and keep your study on track.
- Full-service integrated model to deliver efficient and streamlined execution.





STROKE RECRUITMENT AND RETENTION

Successful patient recruitment for stroke studies requires a CRO partner who has established strong relationships with a well-profiled global network of experienced Comprehensive Stroke Centers (CSCs), global comparable stroke certified accredited sites and thrombectomy-capable hospitals, and who can manage complex coordination, negotiations, education, and site maintenance challenges. Medpace has earned a reputation for managing highly challenging studies and has the relationships to work with complex and evolving referral networks (hub and spoke), community hospitals, CSCs, and thrombectomy-capable hospitals across 25+ countries, and other acute care settings to drive successful patient enrollment around the world.

NEUROLOGY IMAGING EXPERTISE

Medpace neuroscience imaging is supported by an integrated team comprised of scientists, clinicians, technologists, project managers, and coordinators. Our team of experienced professionals brings training and board certification in MRI, CT, SPECT/PET, Ultrasound, and experience to clinical trials using neuroimaging biomarkers. Our imaging project managers have decades of experience in managing teams and processes for all aspects of stroke trials; including site qualification, image acquisition, reading, analysis, quality checks, data management, and documentation.

PURPOSE-BUILT CLINICAL TRIAL MANAGEMENT SYSTEM

As part of the full-service, single-vendor outsourcing strategy, Medpace offers a proprietary Clinical Trial Management System, ClinTrak®, that ties all study data together on a single platform. This leading-edge technology informs decision making, drives efficiency and productivity throughout the clinical trial process, and keeps studies on track.

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

