

Expertise in Neuroscience & Neurosurgery

Who We Are

Advancing neuroscience requires precision—capturing, interpreting, and connecting data across systems to understand how the nervous system truly functions. Endpoint Preclinical provides that precision through an integrated network of specialized experts.

Our network brings together neurosurgeons, electrophysiologists, imaging experts, toxicologists, data scientists, and pathologists. Whether you need focused expertise or a coordinated multidisciplinary team, Endpoint delivers the scientific depth and interpretive consistency required for confident decisions.

We make complex neuroscience practical by connecting the people who make it possible.

Why Endpoint

- **Integrated Expertise:** Surgical, analytical, study monitoring, and interpretive specialists working within one connected network.
- **CNS and PNS Focus:** Cohesive support across central and peripheral systems—from surgical model creation to neuroimaging and pathology.
- **From Function to Insight:** Multimodal data aligned and interpreted for biological, translational, and safety relevance.
- **Scalable Collaboration:** Engage a single expert or deploy a coordinated team to match your project's needs.
- **Comprehensive Scope:** Support that spans every stage of neuroscience research, from early model design and data generation through toxicology, pathology, and final interpretation and peer review.



Neuroscience Capabilities

Area	Representative Expertise
Neural & Neurovascular Model Design	Cranial, spinal, and peripheral models; stroke and aneurysm creation; vascular access and intervention; surgical planning and CRO coordination.
Electrophysiology	EEG (standard, high-density, quantitative, telemetry), nerve conduction studies, and multimodal biosignal recording (EEG, ECG, respiration, wearables).
Functional & Structural Assessment	Electrophysiologic mapping combined with MRI, CT, and other imaging modalities interpreted by veterinary and clinical radiologists.
Neuropathology	Microscopic evaluation, lesion characterization, and expert peer review led by <u>Brad Bolon, DVM, PhD, DACVP, DABT, FIATP.</u>
Toxicology & Risk Interpretation	Correlation of neurofunctional, vascular, and systemic endpoints; study design and evaluation for therapeutics and devices.
Program Leadership & Oversight	Study design, CRO selection, study monitoring, and coordination for preclinical neuroscience and neurovascular programs.

*Our neuroscience network supports studies across all preclinical models

Get Started with Endpoint

For CRO Partners:

Access project-based consulting across CNS and PNS research, from surgical leadership and training to electrophysiology, imaging, and pathology peer review. Through a single contracting partner, CROs can engage multiple experts for diverse projects without the complexity of sourcing and onboarding consultants individually.

For Pharma and Biotech Teams:

Leverage the Endpoint Pipeline, a coordinated team supporting all phases of research. Our integrated network provides study design, CRO selection, study monitoring, surgical leadership and training, multimodal data collection and analysis, toxicology, and pathology interpretation. Through a single partner, Endpoint ensures efficiency, continuity, and scientific confidence from start to finish.

Endpoint Preclinical connects critical layers of neuroscience research—linking function, structure, and interpretation into a unified scientific workflow. Our network model makes specialized expertise accessible and scalable, helping programs move efficiently from data to discovery to defensible conclusions.

One team. One standard. Neuroscience connected.