

DCRI NEUROLOGY

Patient-Driven
Clinical Trial
Expertise

EARLY PHASE (PHASE I, IB) EXPERTISE

The DCRI Neurology research program offers full-service support of clinical development plans from preclinical to phase I/1b including guidance from faculty thought leaders, regulatory affairs review, statistical trial design, and pharmacokinetics expertise, thus facilitating efficient and effective decisions.

Our 40-bed confinement unit supports:

- Sedation/anesthesia
- EEG
- Cognitive Testing
- Biomarkers
- Intrathecal Dosing
- Imaging (MRI, fMRI, PET, DEXA)
- Healthy volunteers in normal and special populations (geriatrics, selected ethnic groups)
- Proof-of-Concept (smaller studies in patients with complex PK or endpoints)
- Large local patient population supported by faculty experts in:
 - Epilepsy (pediatric and adult)
 - Acute brain injury (TBI, stroke, subarachnoid, and intracranial hemorrhage)
 - Neurodegenerative diseases
 - Movement Disorders
 - Neuromuscular Disorders

CLINICAL TRIAL EXPERTISE (PHASE II, III)

With more than 40 faculty supporting neurology projects, our phase II and III full-service capabilities span clinical trial design and conduct, site selection, management, and monitoring, regulatory affairs, data management, biostatistics, and pharmacometrics.

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Find out more about DCRI Neurology.

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PHASE II-III CLINICAL TRIAL EXPERTISE (Cont.)

Stroke

- Large global stroke network of more than 500 sites with experienced stroke neurologists
- Acute, secondary prevention/chronic stroke experts for trial design/guidance
- Stereotactic neurosurgery trials
- Collaboration with Duke cardiology faculty on multi-site global stroke trials

Alzheimer's

- Alzheimer's U.S. site network and registry of thousands of patients for clinical trials
- Memory Disorders Clinic
- Alzheimer's cognition digital trials (games, software)

Acute Brain Injury

- Hospital-based multi-site trials
- Complex imaging endpoints
- Regulatory and biostatistics services create a pathway for FDA approval

Epilepsy

- Pediatric and adult epilepsy faculty expertise
- Multi-site trials using quantitative EEG as an endpoint
- U.S. rapid site start-up network

EEG

- Coordinating center for data gathering and seizure adjudication

OUR FACULTY



Daniel Laskowitz, MD, MHS
Professor and Vice Chair of Neurology, Duke
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FROM THOUGHT LEADERSHIP
TO CLINICAL PRACTICE