neurophet

Clinical imaging core lab

Advance your clinical trial with a global neuro-imaging core lab

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Partnering with experts in brain imaging analysis

Neurophet's Approach to Imaging Core Lab Services

Study Design
Provides comprehensive scientific and medical assistance in the study design phase

Study Start Up
Delivers study-specific technical documents, performs site/phantom training, and sit qualification

Image Management
Data management system handles image submission, quality control, and query managemen

Neuro-image Analysis
Executes precision DICOM image processing and adapt leading-edge analysis to standardized protocols covering enrollment, efficacy and safety

Data Management
Provides statistics results and integrate QC/QA processes

Area of Clinical Research

Area to Clinical Research	Modality	Target Biomarker	Neurophet's Solutions	Outcomes & Benefits
Neuro-degenerative	MRI	Structural atrophy (T1)	Neurophet AQUA	126 ROIs volumetric analysis and atrophy measurement based on normative database, WMH quantification based on Fazekas scale assessment.
		White Matter Hyperintensity (T2-FLAIR)		
		ARIA-E (Edema, Effusion)	Neurophet AQUA AD	ARIA-E, ARIA-H severity and longitudinal tracking, Brain volume tracking after amyloid target therapy, Amyloid positivity prediction
		ARIA-H (Hemorrhage)		
	PET	Amyloid	Neurophet SCALE PET	Enhanced PET tracer /SUVR measurements and Centiloid Scale for effective drug development.
		Tau		
		FDG		
CNS Demyelinating (MS, NMOSD, MOGAD)	MRI	T2 FLAIR	Neurophet AQUA	Track and visualize lesion changes to assess disease progression and drug efficacy. Use only FLAIR sequence for brain structure volume calculations, enhancing analysis
Cerebrovascular	MRI	Cerebral Microbleeds	Neurophet SCALE MRI	Accurate cerebral microbleed detection for comprehensive vascular assessment.
Developmental	MRI	T1/T2 Infant Volumetry	Neurophet AQUA Pediatrics	Brain image analysis and volume measurements for 0-24 months old(including preterm baby)

About Neurophet

Partner with Neurophet to leverage AI-driven neuroimaging expertise for breakthroughs in pharma and biotech research

30+	**5**	**20+**	**100+**	**Phase 3**
Clinical AI Experts (Total 132 staff)	In-house CMO&MDs	Global partner	Hospital use	Global core lab

AI-Powered analysis

Analyze large datasets of neuro-imaging with speed and precision, facilitating effective patient pre-identification.
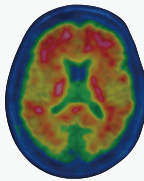
Accurate and reliable

Experience trustworthy neuro-imaging analysis with automated quantitative results that are accurate and reliable.

Maximize efficiency

Streamlined work flows, time and cost savings, and accurate analysis ofresearch outcomes with Neurophet empowers informed decisions and optimal results.
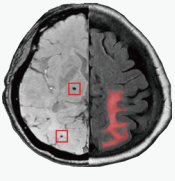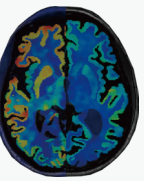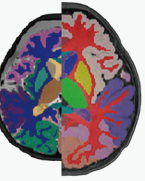
Customized service

Neurophet provides dedicated team for each study that is tailored to the individual needs of each user.

Related Products

neurophet **AQUA**	neurophet **SCALE PET**	neurophet **ARIA-E/H**	neurophet **AQUA AD**	neurophet **AQUA Pediatrics**
FDA 510(k) Cleared	FDA 510(k) Cleared	Research only	Research only	Research only
Explore Neurodegenerative Disease & Multiple Sclerosis	See Alzhelmer's Disease with Centiloid	Secure safety in AD DMT* era	Explore imaging biomarkers for AD DMT*	Be with from pediatrics
Brain Volume & Atrophy + WMH	Amyloid,Tau & FDG PET Quantification	ARIA Quantification ARIA Risk Prediction	Amyloid Positivity Prediction	Analysis for developmental brain