

neurophet[®]

ENG

Overcome brain disorders
with advanced neuroscience.





ABOUT US

Neurophet, established in 2016, is a specialized company focused on researching and developing brain image analysis solutions and medical devices that cover the entire spectrum of diagnostics, treatment guidance, and therapy, all powered by advanced artificial intelligence (AI) technology.

Neurophet originated from the next-generation neuro-navigation system at the Gwangju Institute of Science and Technology (GIST).

We have integrated AI technologies into our expertise in neuroimaging, modeling, and multiphysics.

At Neurophet, our top priority is to help patients suffering from brain disorders through cutting-edge neuroscience. With deep expertise in brain science, we continuously push boundaries and innovate to explore the uncharted territories of the human brain, striving to become a leader in the field of medical AI solutions.

R&D

70%

Percentage of
R&D Employees

100+

Domestic & International
Partner Hospitals

100+

Publications

100+

Patents

BUSINESS AREA

Neuroimaging
AI Analysis
Software

Neuromodulation
Treatment
Devices

Clinical Imaging
Core Lab Service

Total imaging biomarker solution for Alzheimer's treatment planning & efficacy, ARIA monitoring

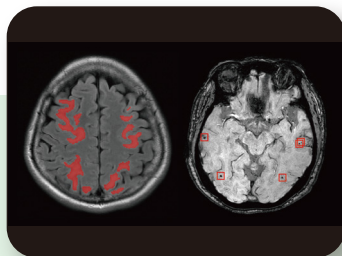


Neurophet AQUA AD Web Viewer & Report

Key Features

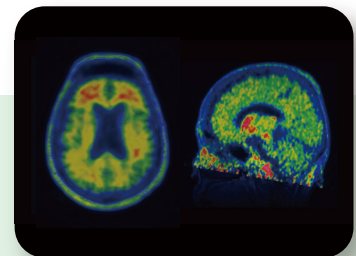
01

Automated detection and quantification of Amyloid-related imaging abnormalities (ARIA)



02

Amyloid & Tau pathology analysis with PET image



03

Automated ARIA radiological severity grading

04

Brain volume & FLAIR hyperintensity analysis with MRI

Management of longitudinal patient data

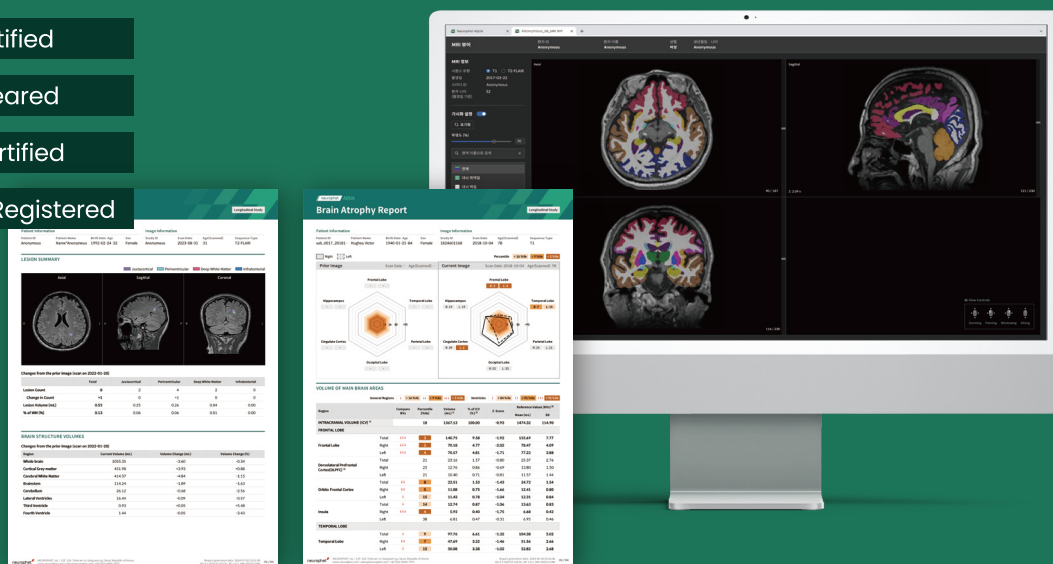
05

Integration with PACS

06

Brain Volume Atrophy and FLAIR Hyperintensity Quantification

- ✓ MFDS(Korea) Certified
- ✓ US-FDA 510(k) Cleared
- ✓ PMDA(Japan) Certified
- ✓ HSA(Singapore) Registered



Neurophet AQUA Web Viewer & Report

Key Features

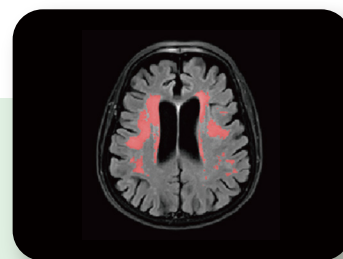
01

Brain atrophy analysis comparing normative reference brain volume data



02

FLAIR lesion quantification in multiple sclerosis*



03

Brain segmentation and volumetric analysis

Longitudinal data tracking

04

T1&T2-weighted brain segmentation from 0 to 24 months (Research Use Only)

05

Integration with PACS

06

* FDA pending

Visualization of PET Tracer Uptake and SUVR Quantification

✓ MFDS(Korea) Certified

✓ US-FDA 510(k) Cleared

✓ PMDA(Japan) Certified

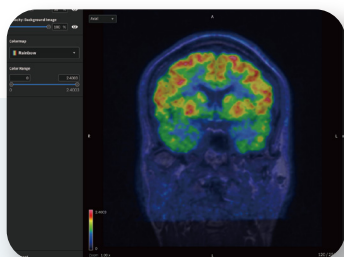
✓ HSA(Singapore) Registered



Neurophet SCALE PET Web Viewer & Report

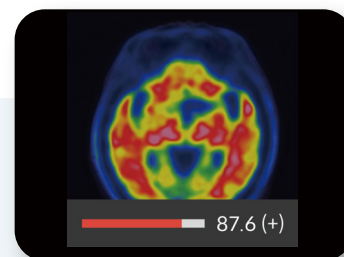
Key Features

01



Regional tracer
SUVR quantification

02



Automated centiloid scale*

Fully automatic registration: PET/MR, PET/CT, PET only

03

Multi-tracer support

- Amyloid: Amyvid, Vizamyl, Neuraceq, Alzavue, [^{11}C]PiB, [^{18}F]NAV4694 etc
- Dopamine: [^{18}F]FP-CIT etc
- Tau: Tauvid, [^{18}F]PI-2620, [^{18}F]MK-6240 etc
- Metabolism: [^{18}F]FDG etc

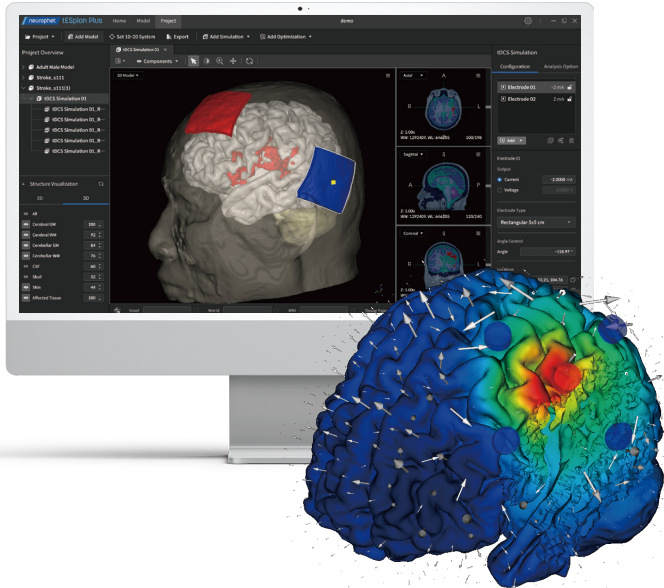
04

Integration with PACS

05

* FDA pending

Personalized tDCS/tACS Simulation Software



Fully compatible
with tES Parameters

01

Personalized brain modeling

02

Fully automated brain MRI
segmentation, including
regions affected by stroke

03

Powerful
tES stimulation framework

04



NEUROPHET
innk

Non-invasive
Electrical
tDCS/tACS Device

✓ MFDS(Korea) Certified



Neurophet's Approach to Imaging Core Lab Services

STEP 1 Study Design

Provides comprehensive scientific and medical assistance in the study design phase.

STEP 2 Study Start Up

Delivers study-specific technical documents, conducts site training, and performs site qualification.

STEP 3 Image Management

Fully integrated with data management systems for image submission, quality control and query resolution.

STEP 4 Neuroimaging Analysis

Executes precise image processing and analysis using cutting-edge technologies aligned with established protocols, covering all aspects of enrollment, efficacy, and safety.

STEP 5 Data Analysis

Comprehensive biostatistical services that enhance and support data-driven clinical decision-making.

About Neurophet

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

Global Phase 3

Extensive experience in conducting clinical trials.

30+

Neuro-imaging experts

6

In-house Medical Doctors

AI-Powered Analysis



Accurate and Reliable



Maximize Efficiency



Customized Service





NEUROPHET Inc.

12F, 124, Teheran-ro, Gangnam-gu,
Seoul, Republic of Korea

T +82 2 6954 7971

F +82 2 6954 7972

E contact@neurophet.com

