

Features

neurophet SCALE PET



Tracer-Specific Reports

- **Amyloid:** Centiloid scale
- **Tau:** Braak stage's ROI, Temporal meta ROI
- **Dopamine:** Asymmetry index
- **FDG:** Neurodegeneration's Prior ROI
- **General:** Compatible with various PET radiotracers



Enhanced Analysis Workflow

- PET scan & MR image registration
- PET scan & CT image registration
- PET scan only analysis
- Optional: PVC(Partial-Volume Correction)



User-friendly Interface

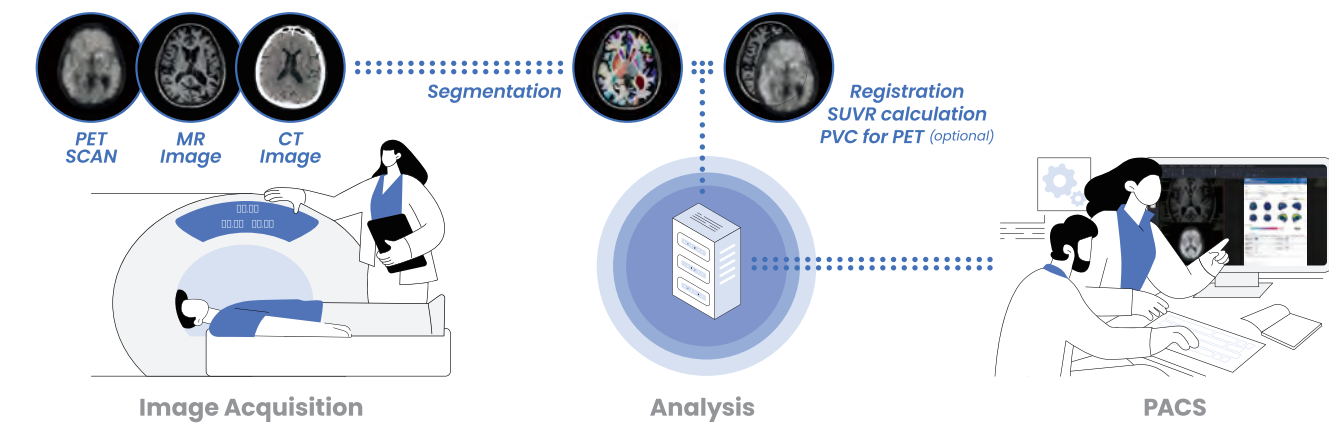
- User-defined reference region setting
- Opacity & Color range control in viewer
- Easily downloaded analysis result in PDF, CSV



Inter-operation with PACS

- Automated data transfer
- Different user accessibilities depending on authorized permission levels

Fast & Accurate neurophet SCALE PET Analysis



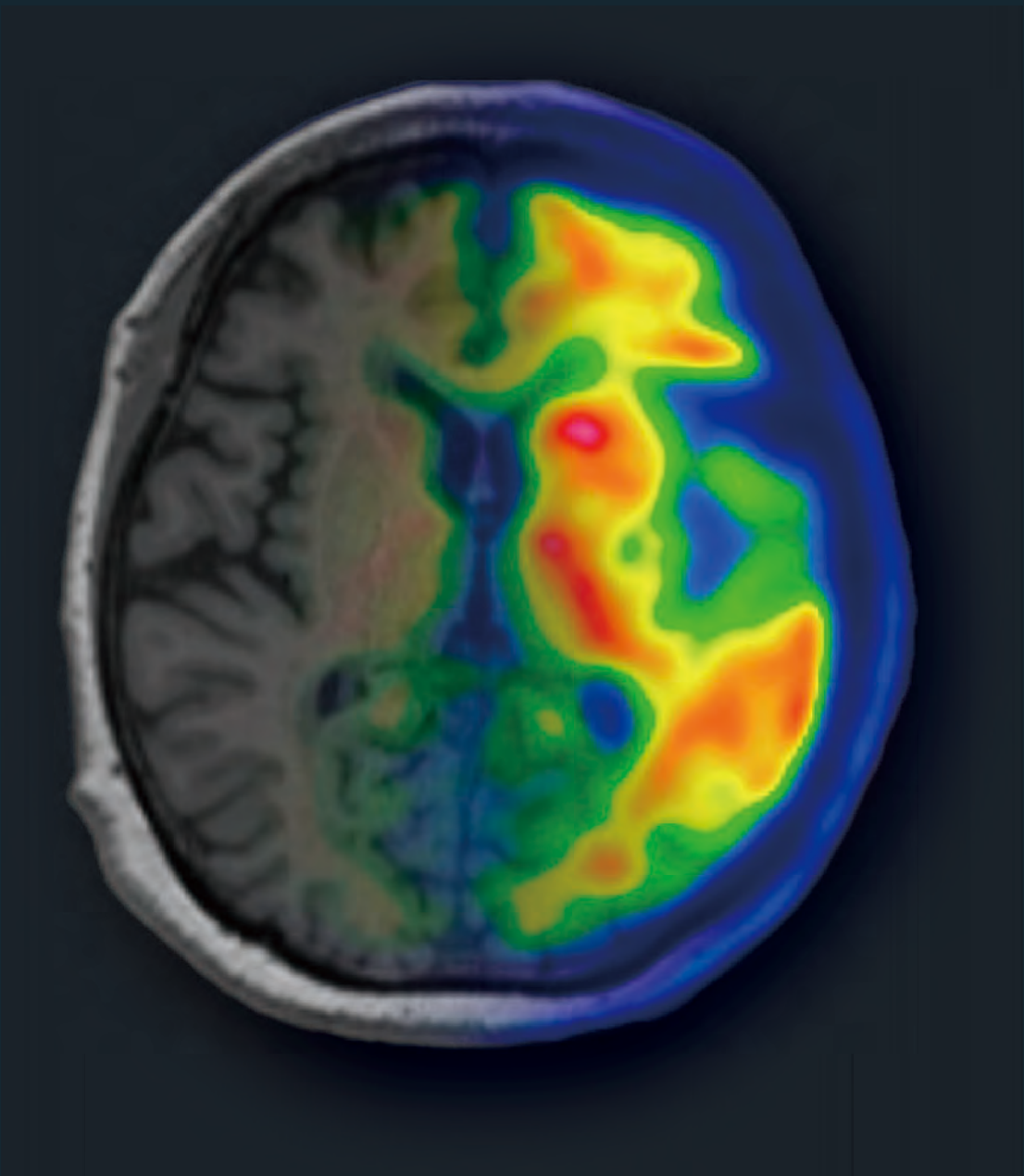
	MRI SEGMENTATION BY BRAIN REGIONS	REGISTRATION METHOD	FULL ANALYSIS TIME
CONVENTIONAL METHOD	8hours	Manual	8hrs or more
neurophet SCALE PET	1min	Fully Automatic	10-15min

Above features are underdevelopment

ENG

neurophet

Overcome brain disorders
with advanced neuroscience



Visualization of PET Tracer Uptake and
SUVr Quantification

neurophet SCALE PET

neurophet

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MFDS(Korea) Approved US-FDA 510(k) cleared PMDA(Japan) Approved HSA(Singapore) Approved

From Visualization to Quantification

*Upcoming Release
Tracer-based options can be used for research only depending on the national regulation.

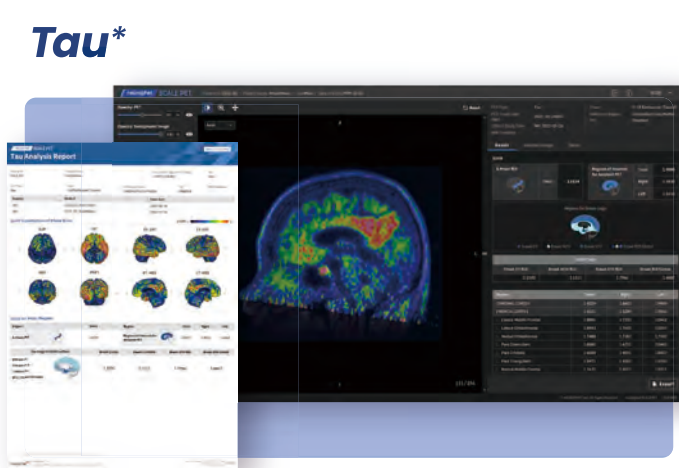


3D render image

Centiloid scale

[¹¹C]PiB, [¹⁸F]Flutemetamol, [¹⁸F]Florbetaben, [¹⁸F]Florbetapir, [¹⁸F]NAV4694

Automatic & Accurate
SUVR
Quantification



- SUVR for Tau PET staging (Braak stage ROIs & Temporal meta ROIs)
- [¹⁸F]Flortaucipir, [¹⁸F]MK-2640, [¹⁸F]PI-2620 etc



- Specified for striatum
- Asymmetry index
- Supportive for differential diagnosis of Parkinsonism(IPD, MSA, PSP) and ET



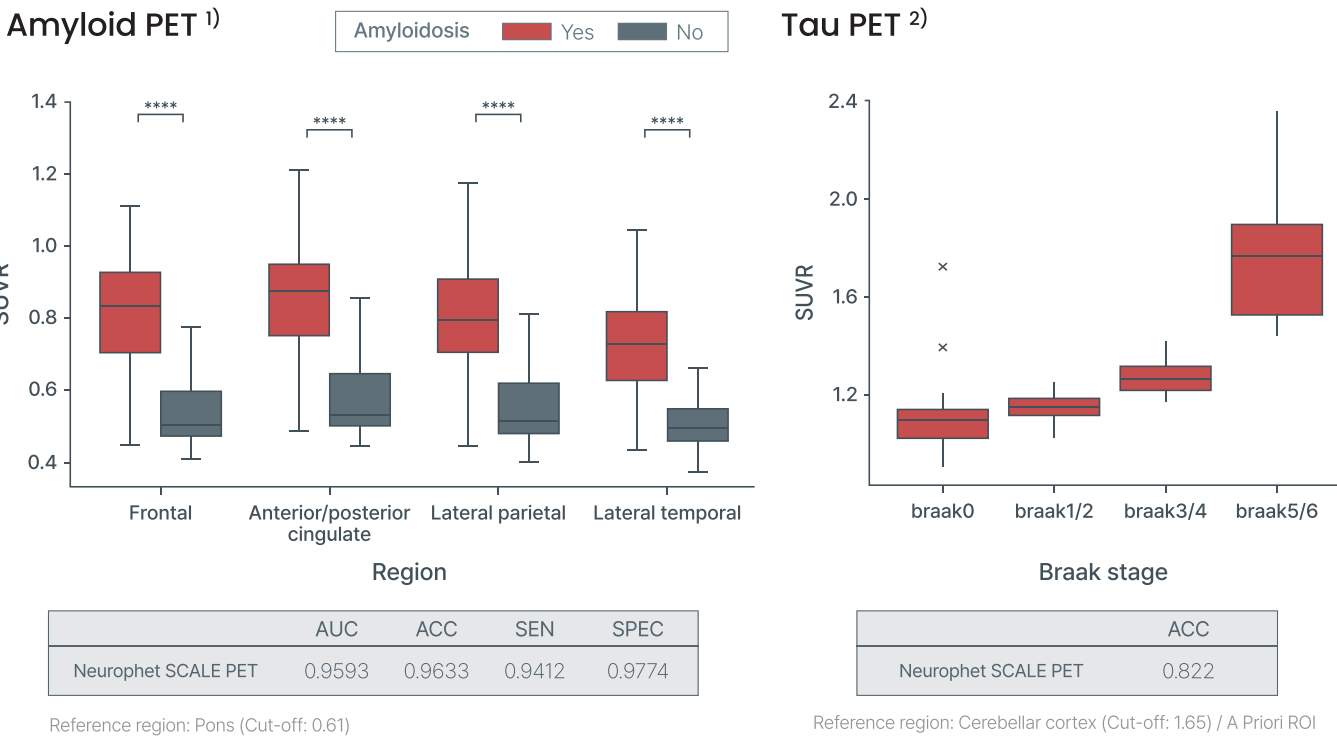
- Specified for ROIs of Neurodegenerative disorders



- Accurate values for 100+ ROIs with or without MRI registration

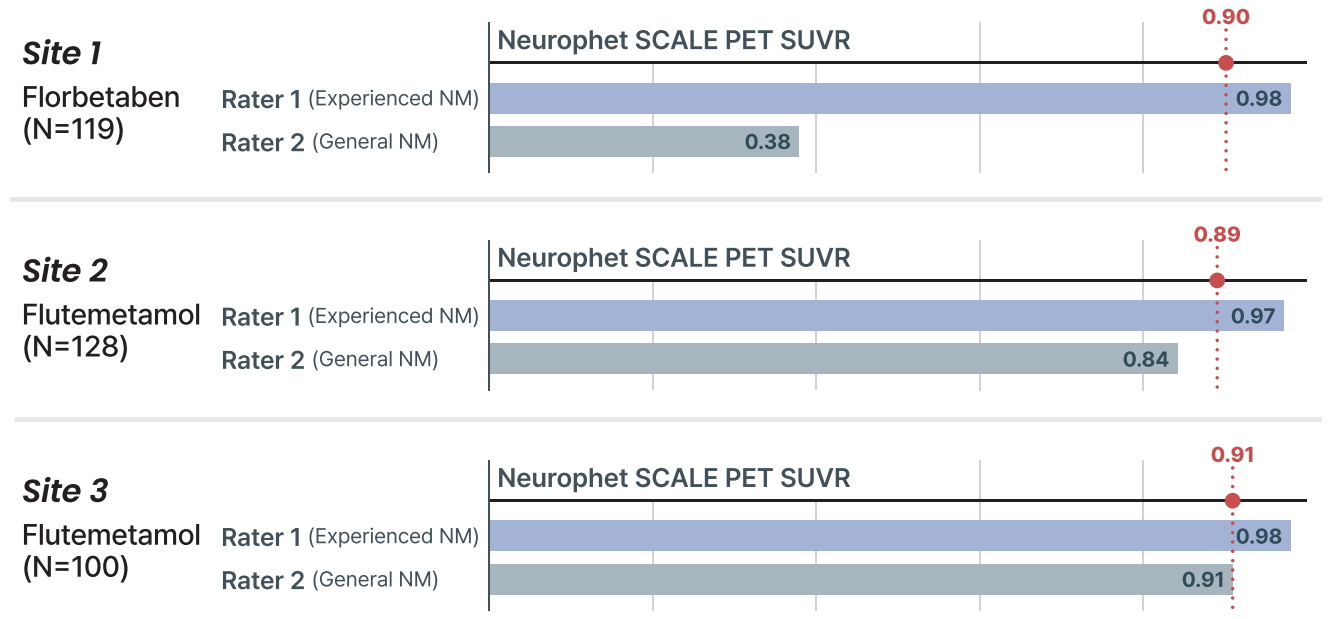
Neurophet SCALE PET supports clinical decision

Concordance of interpretation



Inter-rater Kappa on Amyloid PET positivity³⁾

*Validated in 3 university hospitals
*Compared with the standard reference determined with the agreement between two raters
***Rater 1:** Experienced Nuclear Medicine (≥10 years) / **Rater 2:** General Nuclear Medicine(≤3 years)



Ref. 1) Jiyeon Lee et al. Diagnostic 12(3), (2022) 623
2-3) Data on file, Neurophet Inc, CLIN-09-0001, CLIN-18-0001, GNT-04-0001, GNT-07-0001