



NeuOMX

AI-based quantitative brain MRI

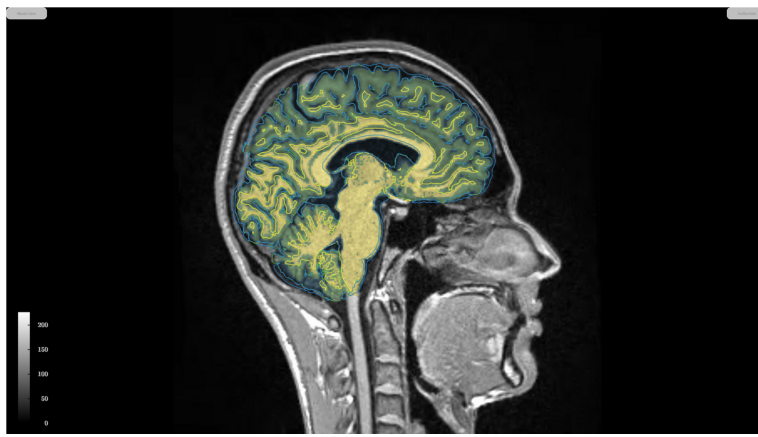


NeuOMX is an advanced clinical decision support tool powered by artificial intelligence to uncover disease mechanisms, track clinical progression, and optimize treatments through precise analysis of brain MRI

Unlock Smart Decision Making with NeuOMX

Embark on a journey of intelligent decision-making with NeuOMX's cutting-edge AI algorithm.

- Decoding complex scenarios, highlighting the most likely outcomes
- Experiencing stress-free decision making
- Providing intelligent solutions to your unique needs, ensuring smart decisions every time



Analyzing the loss of general volume of brain to assess normal aging, mild cognitive impairment, Alzheimer disease, other neurodegenerative or vascular disease



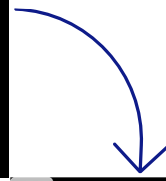
Frontal lobe assessment

associated with Frontotemporal Lobar Degeneration and behavior variant Frontotemporal Dementia



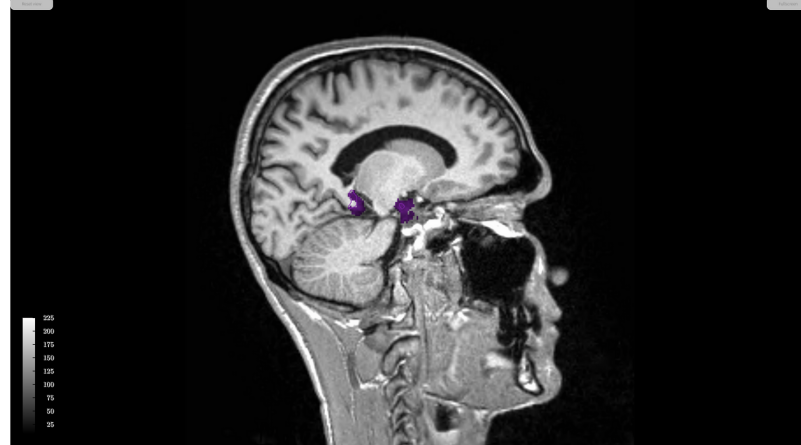
Parietal/Occipital lobe assessment

linked with Posterior Cortical Atrophy



Temporal lobe assessment

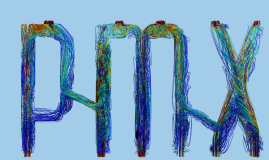
associated with Alzheimer's disease and Frontotemporal Lobar Degeneration



Powered by comprehensive data population in India to ensure the accuracy of reference ranges in diagnosis

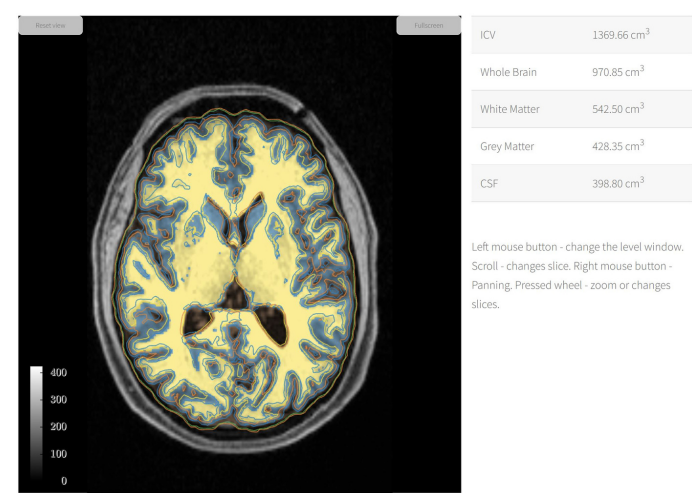
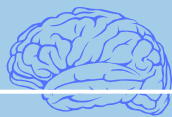


Received Class II Approval from the Korean FDA, underscoring our commitment to excellence



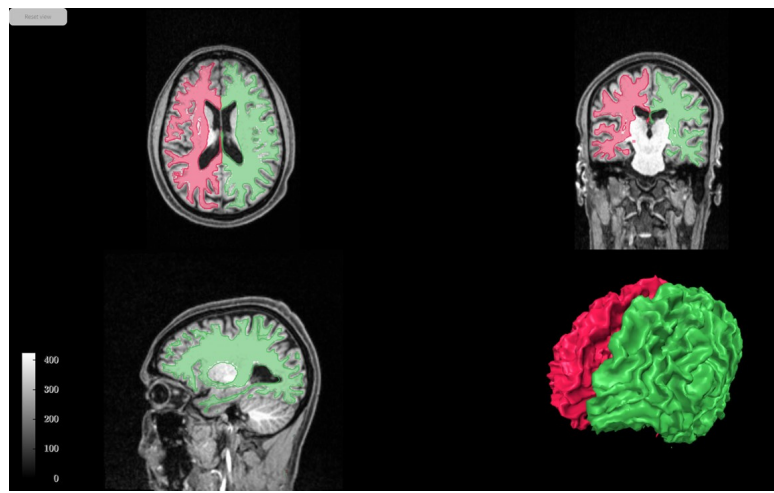
Features

Structural Analysis



Whole Brain

Analyzing the overall brain volume and measuring each brain tissue



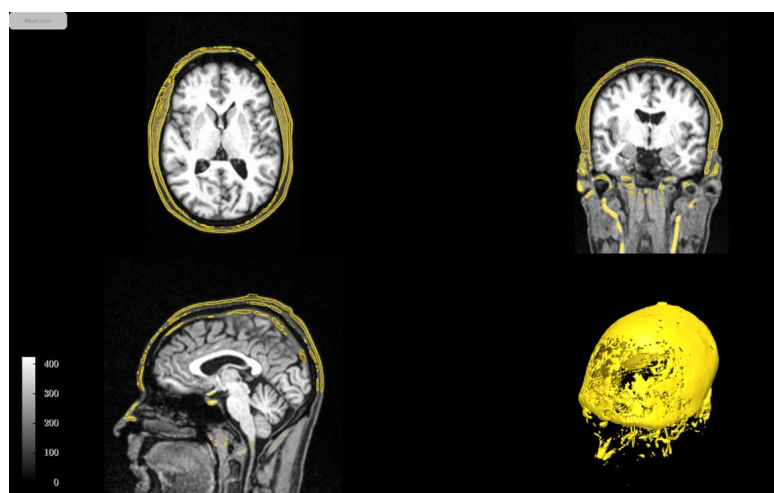
Subregions

Auto-segmentation of subregions and computation of left and right volume



Lobes Segmentation

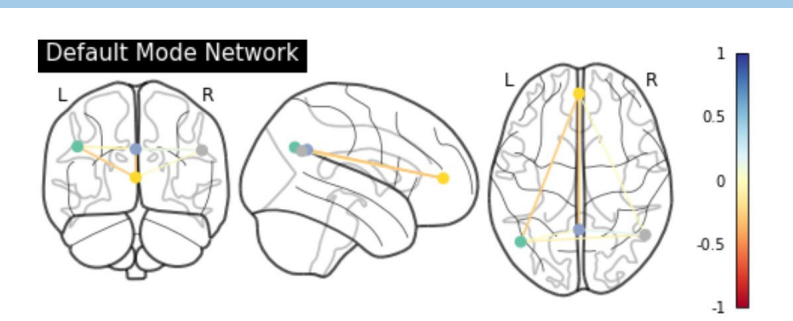
Quantifying the volume of 7 brain lobes through deep learning algorithm



Fat Segmentation

Quantifying the volume and percentage of head fat

Functional Analysis



Regional Function Correlation

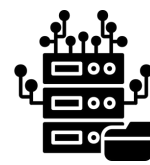
Representing the patterns of the brain between regions and identification of brain's activated function

Customized Deployment Available



Cloud

Deployment through virtual server and accessed via web browser



On Premise

Deployment through in-house server and run within customer's infrastructure



PMX strives for
Equal access to True Healthcare

Contact us:
www.pmx-inc.com
info@phenomx.ai