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Korea's Neurophet partners with Subtle Medical to combine PET imaging with advanced quantitative analysis

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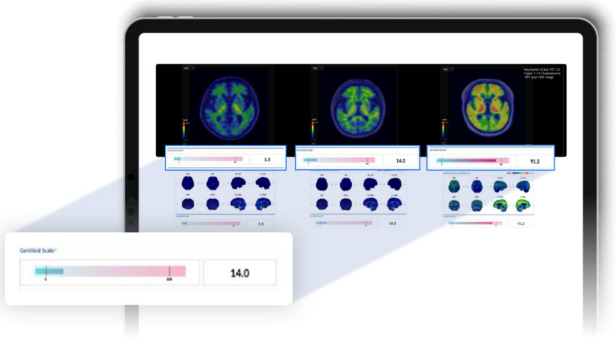
The new partnership will expand Neurophet's SCALE PET's North American reach



Neurophet, a South Korea-based artificial intelligence (AI) solution company for brain disorders diagnosis and treatment, has signed an integration partnership with US-based imaging AI leader, Subtle Medical, to integrate Neurophet's products into Subtle Medical's platform to deliver enhanced PET imaging and quantitative analysis in one seamless workflow.

This partnership brings together two complementary areas of expertise - AI-powered PET image acceleration and enhancement from Subtle Medical and advanced quantitative PET analysis from Neurophet - to deliver higher-quality imaging data, streamlined workflows, and more comprehensive quantitative insights to support clinical decision-making.

Subtle Medical, founded by researchers out of Stanford University, develops AI-powered solutions designed to improve image quality and scanning efficiency across medical imaging modalities such as magnetic resonance imaging (MRI), and positron emission tomography (PET), and computed tomography (CT).

Its proprietary algorithm, SubtleHD™(PET) enables up to 75% faster PET imaging with improved image quality and seamlessly integrates with a wide range of medical imaging equipment, picture archiving and communication systems (PACS), and third-party solutions across healthcare institutions.

Neurophet's SCALE PET is a software that quantifies the accumulation of various radiotracers, including those used in amyloid PET imaging, across different regions of the brain. It quantifies and reports the degree of amyloid accumulation using the Centiloid Scale, an internationally standardized measurement scale that plays an important role in determining patient eligibility for anti-amyloid antibody therapies and evaluating treatment efficacy.

Subtle Medical's solutions are deployed across more than 1,500 medical imaging scanners worldwide. By leveraging Subtle Medical's extensive customer network in this market, Neurophet plans to expand the distribution of Neurophet SCALE PET across the United States.