HippoScreen Neurotech Corp

About Us

HippoScreen Neurotech Corp. (HNC) is established in March 2019 by Compal Computer's direct investment in the research team of Professor Liu, Yi-Hung. HNC takes EEG signal processing and artificial intelligence technology as the core, and the goal is to develop EEG-assisted diagnosis and medical services. Its self-developed EEG amplifier has cleared FDA 510(k) at the end of 2020, and successfully completed TFDA review and received approval for the medical device in March 2021, becoming the first medical-grade EEG amplifier manufacturer in Taiwan. In addition, HNC also passed ISO 13485 medical device quality management system certification, received a certificate from BSI in August 2022, and registered to the BSI certification website. Through this professional international standard certification, it is expected that HNC will be able to enter the worldwide market as soon as possible.

Fanpage

Website

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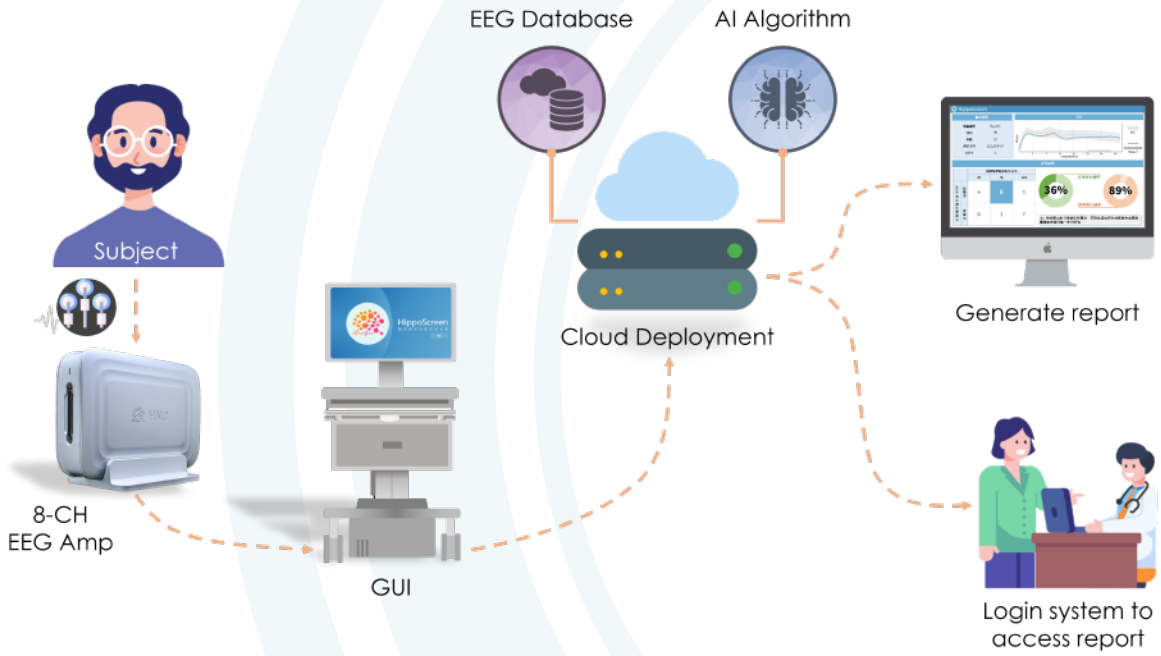

Brain Degeneration Risk Assessment System

Mild Cognitive Impairment (MCI) is an early stage of memory or other cognitive ability loss, and it is easily confused with normal aging due to the subtle changes. People living with MCI are potentially at higher risk of developing dementia, including Alzheimer's disease. Studies estimate that 15% to 20% of individuals with MCI go on to develop dementia each year. Early detection of MCI is critical for future treatment and care. The Brain Degeneration Risk (BDR) Assessment System developed by HippoScreen Neurotech Corp. (HNC) includes an EEG amplifier for data collection and signal processing, a GUI for test process control, and an AI algorithm for data analysis. It records 2-minute brainwave signals to analyze with an AI algorithm and then provides objective and quantifiable assessment result. BDR Assessment System is designed to be a powerful AI tool for professional medical personnel in brain health screening.

- Fast measurement, it only takes 3 mins from capturing brainwaves to generate an assessment report.
- High usability, it only requires 8 channels of EEG data and thus the system setup is very simple.
- Clinical evaluation, collaborate with 4 medical centers on large-scale data collection for model evaluation.

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