BioSpectrum
the business of Bi
24 years of leveraging the business of Bio
www.biospectrumindia.co

iHridAI launches AI-ML based diagnostics tool for analysis of cardiac MRIs

20 May 2024 | News

Amplifies the accuracy and increases the speed and efficiency of medical diagnosis in cardiology related ailments



iHridAI, a Bengaluru-based healthcare technology startup focused on developing globally benchmarked and viable technology solutions for healthcare diagnostics, has launched its flagship product, HarmonyCVI, for detailed and accurate cardiovascular assessments. HarmonyCVI is a comprehensive artificial intelligence (AI)/ machine learning (ML)-based rapid diagnostics and insights tool that aids cardiologists and radiologists in enhanced analysis of cardiac MRI scans.

Grounded on robust research, cardiothoracic models and extensive real-world cardiac imaging data, HarmonyCVI leverages deep learning AI/ML capabilities. It inputs the patient's MRI studies, learns respective metrics, and predicts various parameters, including dynamic contours and segmentation. The software uploads its comprehensive findings from processing and analysis into clinical data reports, which can be monitored and modified on a dashboard.

The technology solution empowers radiologists and cardiologists with accurate and clinically reliable information, facilitating rapid and informed decision-making, typically within a few minutes. HarmonyCVI helps clinicians quickly assess the key parameters for comprehensive diagnosis, thereby aiding in practical assessment and treatments. The integrated platform offers real-time interactive report generation with automated report data analysis in the desired format.

HarmonyCVI is the first product launched into this ecosystem, fully-tested and vetted with a critical mass of real-world datasets from various sources. iHridAI is simultaneously working towards developing a single integrated multi-model AI analytics platform which covers ECG, ECHO, CT and MRI.