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

Kerala government announces first AI-powered screening programme for chronic eye diseases

18 February 2025 | News

Nayanamritham 2.0 represents a groundbreaking step in harnessing AI for public health in India



The Government of Kerala, in collaboration with Remidio, a leader in artificial intelligence (AI)-driven ophthalmic screening solutions, has launched Nayanamritham 2.0, the world's first government led AI-assisted chronic eye disease screening programme.

This pioneering initiative leverages artificial intelligence to enhance early detection and streamline eye disease screening, making quality eye care more accessible and efficient across the state.

Building on the success of Nayanamritham 1.0, which introduced diabetic retinopathy (DR) screening at Family Health Centers with expert interpretation by ophthalmologists at secondary and tertiary centres, Nayanamritham 2.0 takes a major leap forward.

The new phase empowers optometrists with Remidio's AI-enabled fundus cameras that instantly classify cases as referable or non-referable, ensuring faster diagnosis and timely referrals.

In addition to DR, Nayanamritham 2.0 expands its scope to include screening for two major chronic eye diseases - Glaucoma and Age-related Macular Degeneration (AMD). The programme now extends across Community Health Centers, Taluk Hospitals, and District Hospitals, making comprehensive eye care available at all levels of the healthcare system.

With Nayanamritham 2.0, Kerala is setting a global precedent for seamlessly integrating ophthalmic AI into clinical workflows, making screening programs more efficient, scalable, and cost-effective.