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StrideAide inaugurates Digital Podiatry Clinic at IISc

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To enable early detection and prevention of diabetic foot complications



Bengaluru-based StrideAide, an AI powered health tech startup, has inaugurated the StrideAide Digital Podiatry Clinic (D-PoC) at the Indian Institute of Science (IISc) Health Centre, marking a significant step towards technology-enabled preventive foot care for people with diabetes and those at high risk for developing diabetes.

The Digital Podiatry Clinic (D-PoC) is designed to transform podiatric healthcare by enabling early detection of neuropathy, vascular insufficiency, and abnormal pressure points among diabetic and high risk patients. The clinic integrates multiple diagnostic devices that assess different modalities of the diabetic foot, including plantar pressure, neuropathy, and vascular parameters. These inputs are consolidated through StrideAide's proprietary software platform, which applies AI driven algorithms for risk stratification and automated clinical reporting.

The core objective of the D-PoC is to prevent diabetic foot ulcers, infections, and amputations through standardised screening and structured digital workflows. Each D-PoC unit has the capacity to screen 30-40 patients per day and can potentially screen more than 10,000 diabetics annually at a district hospital level, supporting scalable deployment across secondary and tertiary healthcare settings.

The D-PoC model follows a plug-and-play deployment approach that enables rapid scaling across diverse healthcare institutions. With the ongoing integration of StrideGPT, an AI driven question and answer support system for clinicians and patients, the clinic aims to strengthen preventive foot care while reducing the socioeconomic burden associated with diabetic foot complications.

The initiative also reinforces academia-industry collaboration, particularly with IISc through its BeST Cluster ecosystem, supporting smart engineering, predictive analytics, and clinical validation.

IISc has played a critical role as a research and innovation partner in the development of the D-PoC model. The clinic is built on smart engineering, predictive analytics, and clinical validation supported by IISc faculty members and the BeST Cluster ecosystem. Prof. G. K. Ananthasuresh, Advisor to the D-PoC initiative, has played an instrumental role in shaping its engineering and clinical framework.

With the launch of the Digital Podiatry Clinic at IISc, StrideAide aims to create a national model for preventive diabetic foot care, reducing clinical complications and improving patient outcomes across India.