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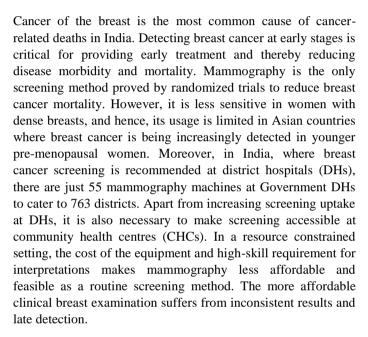
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AI-based scalable breast cancer screening solution in resource-constrained settings

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Abstract



Niramai's ThermalytixTM is an AI-based solution that has demonstrated high sensitivity for screening breast cancers. This automated test is affordable, accessible, scalable for population-level screening and has already been used to screen over 30,000 women. However, loss to follow-up and risk perception in the asymptomatic population remains a barrier for large-scale screening programmes. This can be addressed by taking a holistic approach and combining screening of the top three cancers: breast, cervical, and oral cancers, along with other major non-communicable diseases such as cardio-vascular disease, stroke, and diabetes at the CHC level.





Biography:

Dr. Lakshmi Krishnan is Clinical Research Scientist at Niramai and oversees its activities related to clinical studies and trials. She is an oral pathologist with a unique work experience of over 8 years in the fields of clinical research, technology innovation for public health, and scientific writing. She is a University rank holder and has completed a fellowship in Healthcare Technology Innovation from HTIC, IIT Madras. Having chosen to give up on clinical practice and pursue research in the domain of public health, she has contributed to a multi-centric cervical cancer screening project with PGI, Chandigarh and MCC, Thalassery and also worked in a Tata Trust funded breast and cervical screening programme in Pune.

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