

PANDORA CDx™ MAMMOALERT™ SYSTEM

NEXT GENERATION DIAGNOSTICS
FOR A BETTER LIFE

LAB-IN-A-BOX

The Problem

Breast cancer is the highest prevalence and with the highest mortality rates worldwide. Less than 4% of all women are screened. It was estimated that 1.6 million new cases of breast cancer were identified with half a million cases of deaths due to breast cancer. It is the most common cancer in women, accounting for 25.1% of all cancers worldwide.

Current technologies are

- Expensive
- Unavailable in remote areas
- Requires trained personnel
- Traumatic
- High false positive rates
- Exposure to radiation

Our Solution

The MammoAlert is a multiplexed, microfluidics-based, immunoassay test which uses just a drop or two of blood from a finger prick to screen for the critical biomarkers of breast cancer. This is run on the Pandora CDx, a lab-in-a-box with POC Medical System's proprietary Machine Learning algorithms with test-to-result time in just 30 minutes. By POC's secure cloud computing technologies, the data can be retrieved by a doctor from any remote location, enabling quick and early decision making.

Why the world needs the Pandora CDx - MammoAlert System?

Innovative & Integrated

- ✓ Multiplexed, microfluidics assay with proprietary biomarkers for high throughput to enable population screening
- ✓ Portable, lab-in-a box platform technology

Simplistic

- ✓ Minimally invasive simple finger prick test having no need for highly trained lab technicians

Rapid & Safe

- ✓ Test-to-result time in just 30 minutes
- ✓ No health risks such as radiation or surgery. No dis-robing and no shame

Affordable

- ✓ Low cost Point-of-Care test to enable population and individual screening

Advanced AI

- ✓ Reports clinical information and tracks patient-reported outcomes, maintaining data privacy and protection

Accurate

- ✓ Consistent specificity and sensitivity of >85% in alpha testing. N=850

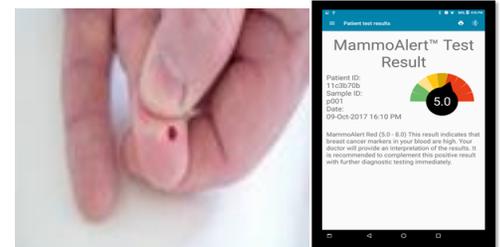


1-2-3 STEPS

Prick a finger

Add a couple of drops of blood to disk

Obtain results in 30 minutes



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