



an innovation by  
UE LifeSciences



iBreastExam

early detection. **for all.**



**70% of breast cancer deaths occur  
in the developing world**

**where 66% are diagnosed late**



**rising  
incidence & poor  
survival**

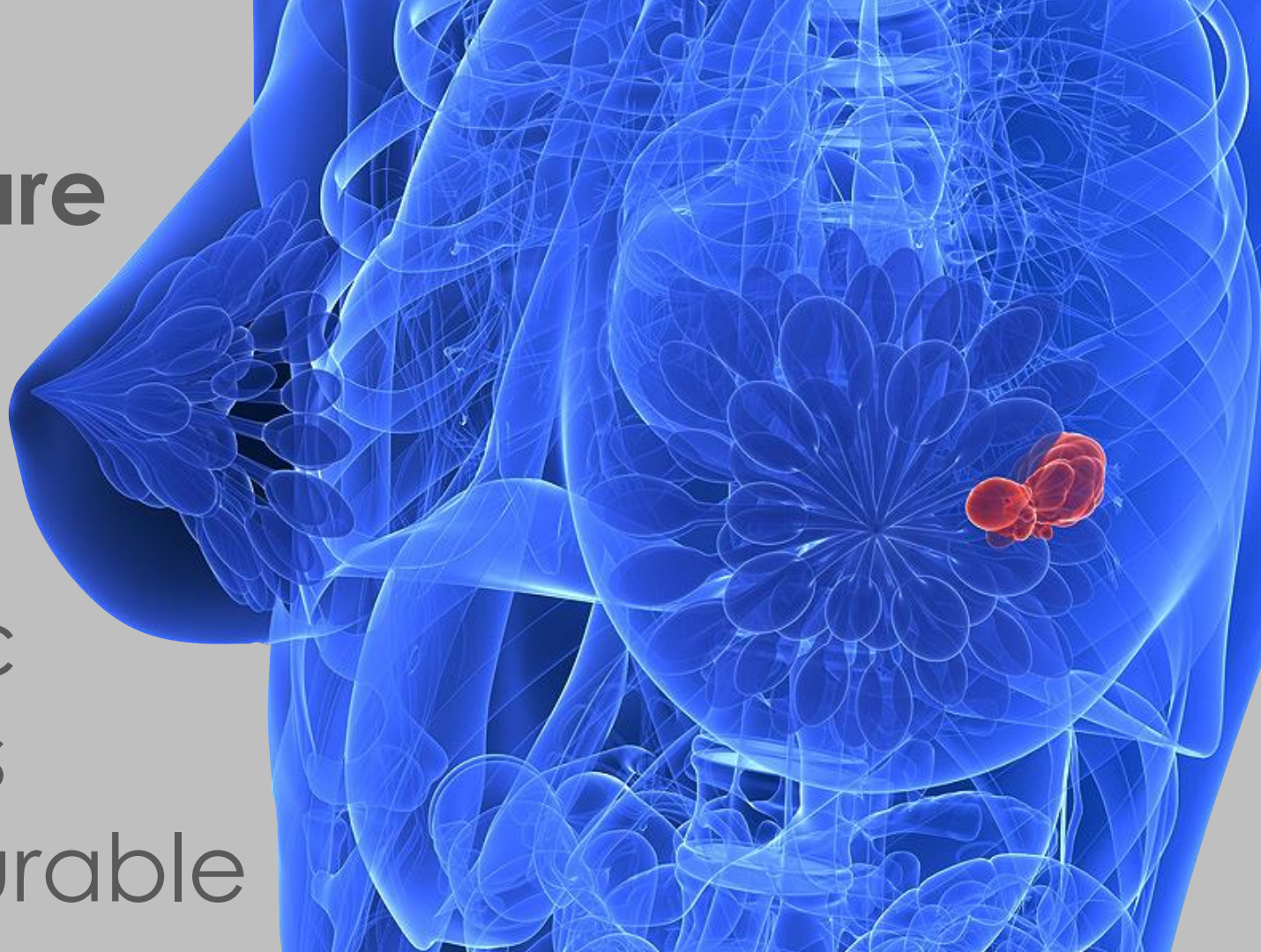
**<1% get breast  
health checks**

# **For Early Detection of Breast Lesions, LMICs Need an Innovation...**

- ✓ Usable by CHWs, Point-of-care, Hand-held
- ✓ Low-cost , Quick, Painless & Radiation-free
- ✓ Efficacy comparable to Film Mammography
- ✓ Battery Powered, Wireless, Connected
- ✓ Weatherproof & Rugged

**Breast  
lesions are  
stiffer**

contrast  
in elastic  
modulus  
is measurable



# iBreastExam



**FDA**  
cleared



**Painless & Radiation-Free**

**Operable by Community  
Health Workers**

**Instant Results  
at the Point-of-Care**

**Clinically Effective  
Highly Affordable**

**Patient Name:** Jane Doe

Patient ID#: ABC12345, Age: 30 Years, 6 Months

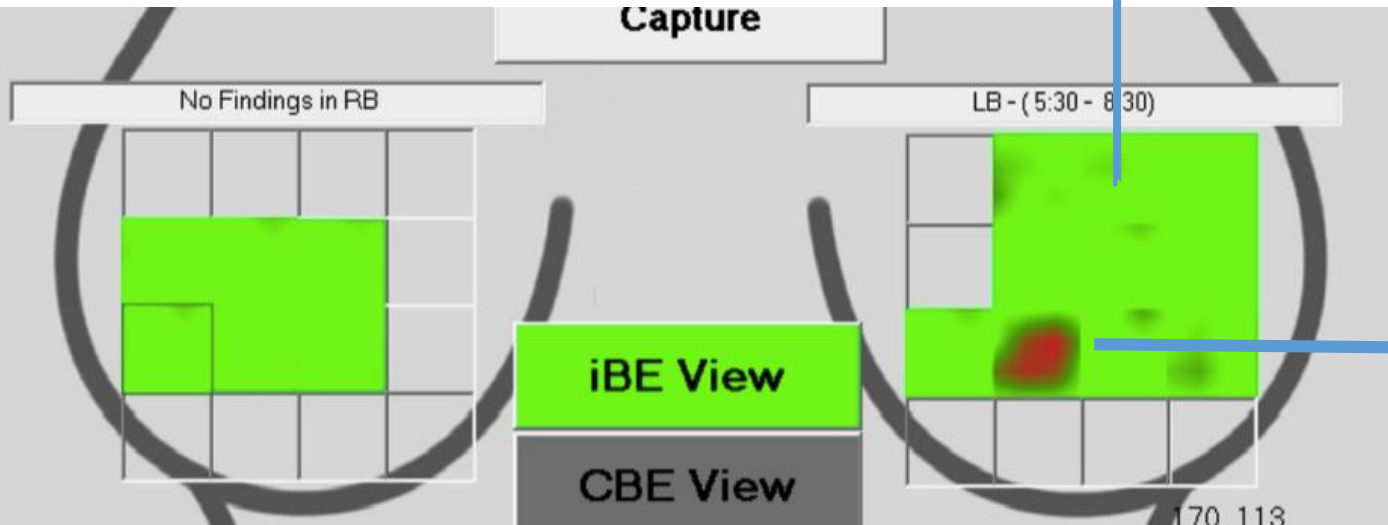
**Exam Date:** Feb 18, 2015

**Physician:** Doe, John MD

**Physician Notes:** This patient had invasive breast cancer and the iBE test was done blinded and bilaterally.  
Lesion identified in Left Breast between 5:30 - 8:30

**Follow-up Recommendation:** Diagnostic Breast USG

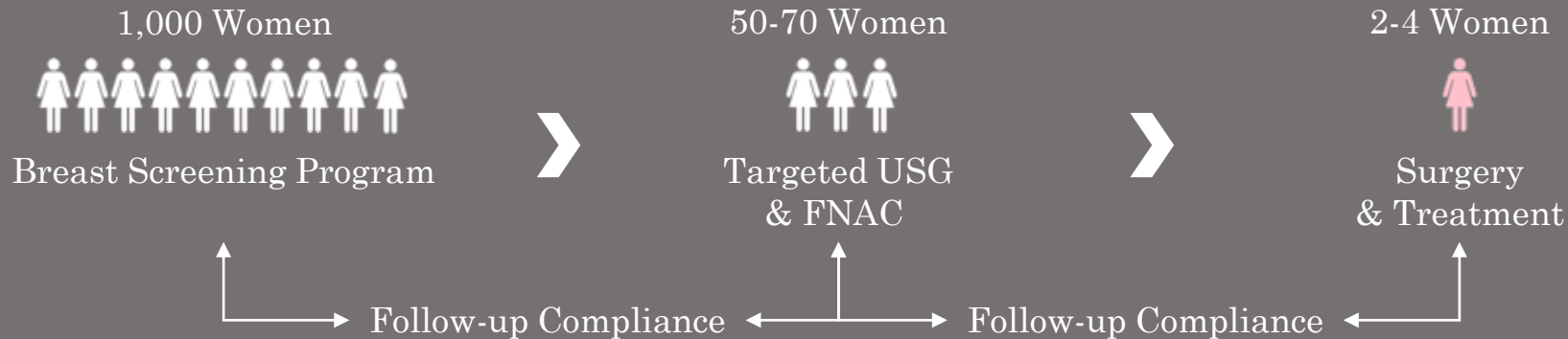
**Normal  
Area**



**Lesion  
Identified**



# Screening to Treatment Workflow





# *Device Vs. Clinician Palpation (CBE)*

	Sensitivity	Specificity	NPV	PPV
Clinician CBE	65%	94%	96%	52%
iBreastExam	84%	94%	98%	60%

# *Results*

- Hand-held device significantly improved Clinician CBE sensitivity (by 19%) while maintaining high specificity and NPV
- Can be a promising tool for early detection of clinically relevant lesions at early stage in LMIC
- Useful in [younger women](#) with dense breasts



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