Cancer IQ

All the tools you need to start, run and grow your own high risk program

Case Study

How Riverside Healthcare Improved Its Effectiveness in Identifying High-risk Women

CancerIQ

CASE STUDY

How Riverside Healthcare Improved Its Effectiveness in Identifying High-risk Women

Riverside Healthcare partnered with CancerIQ to transition from a paper-based process to electronic
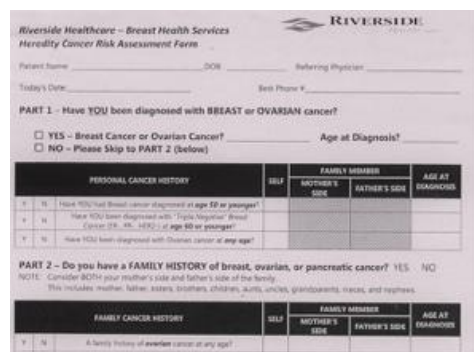

- **Clinical Setting:** Breast Center at a 336-bed hospital
- **Patient Volume:** 10,000 mammogram screenings/year
- **Accreditation:** ACR Breast Imaging Center of Excellence
- **Number of Locations:** 1
- **Parent System:** Riverside Healthcare
- **Geographic Setting:** Rural in a small city

Background

Riverside Healthcare opened a high-risk clinic at its Breast Center in 2016. For the first year, the center used paper forms to screen and identify women at elevated hereditary risk for breast and ovarian cancer. Though the paper process was easy to implement, the Breast Center looked to make it more effective and efficient.

The Challenge

- Paper required humans to evaluate results according to a complex, ever-changing set of guidelines.

- Paper required frequent updates to the paper form and retraining costs to stay up to date with guidelines.

- The paper resulted in lower patient accuracy in reporting information due to "multi-segmented" questions.
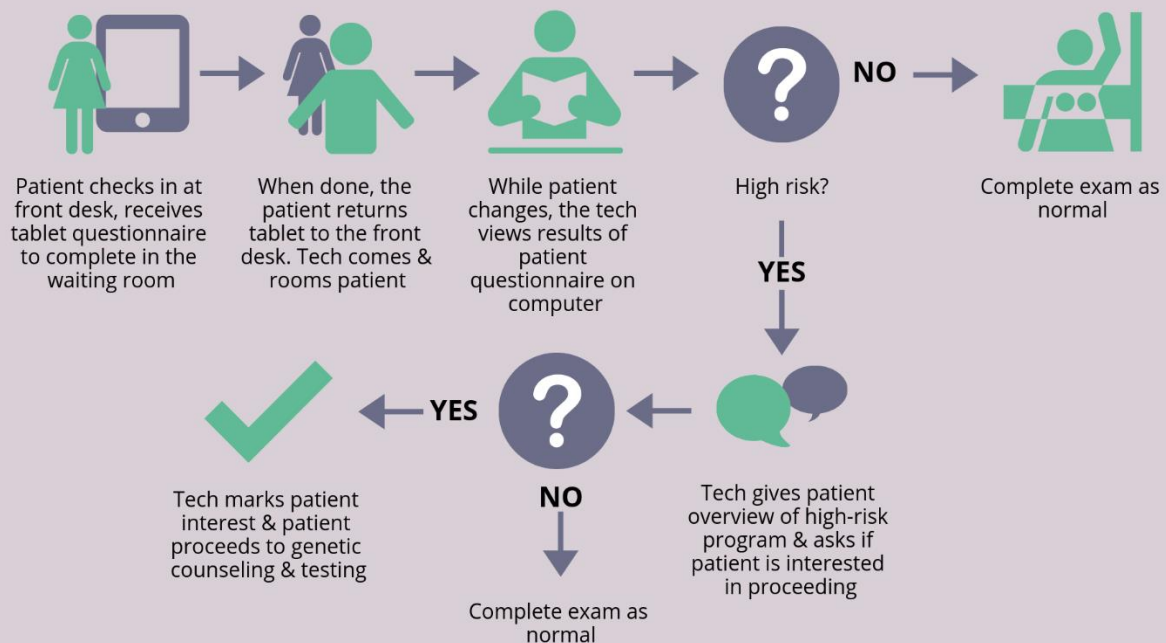
The Solution

In September 2017, the Breast Center replaced its paper process with CancerIQ alongside Epic. By implementing CancerIQ, the center now had an automated, systematic screening process that could identify all patients according to the latest NCCN guidelines. Likewise, the electronic system created a patient-friendly questionnaire that removed multi-segmented" questions and improved accuracy of the patient's data entry.
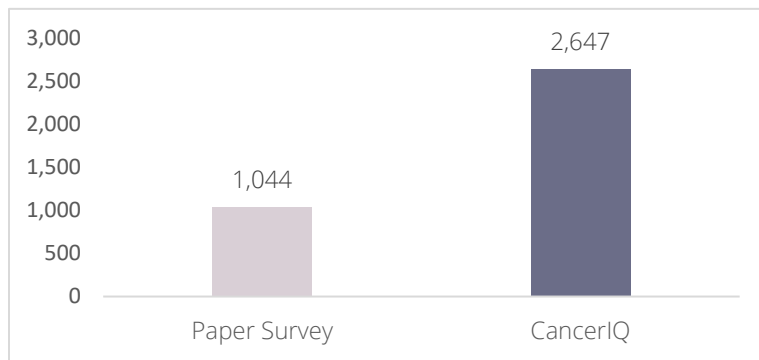
Workflow Process with CancerIQ

Patient checks in at front desk, receives tablet questionnaire to complete in the waiting room

When done, the patient returns tablet to the front desk. Tech comes & rooms patient

While patient changes, the tech views results of patient questionnaire on computer

High risk?

NO

Complete exam as normal

YES

Tech gives patient overview of high-risk program & asks if patient is interested in proceeding

YES

Tech marks patient interest & patient proceeds to genetic counseling & testing

NO

Complete exam as normal
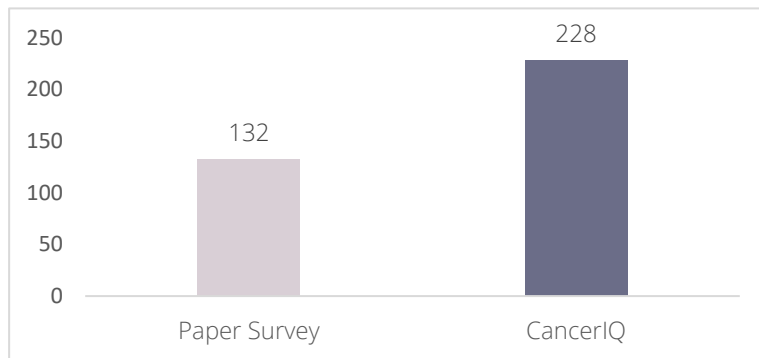
The Results

High-risk Identification
The Breast Center saw a 2.5x increase in the number of high-risk patients identified.

Genetic Testing
The Breast Center had a 1.75x increase in genetic testing.

User Experience
Over 90 percent of mammography patients completed the CancerIQ electronic survey prior to their appointment.

The techs cited less stress and improved satisfaction in the process, and liked the software's ease of use and instantaneous determination of patient risk.

2.5x
more patients identified

1.75x
more genetic testing

"The CancerIQ technology helped us overcome barriers to identifying women at increased risk for cancer by simplifying the screening process, providing immediate determination of patient risk, and reducing stress levels for both our patients and mammography technicians"

Julie Sieling, CNP, MSN, APN, NP-C
Creator of the Screening & Risk Assessment Program at Riverside Healthcare

canceriq.com

ABOUT CANCERIQ

CancerIQ helps providers use genetic information to predict, pre-empt and prevent disease. We leverage unparalleled expertise in design, genetics and implementation science to identify all patients at risk and navigate them to the specialty services required. Our platform is supported by algorithms that automate the NCCN guidelines for providers, and a user-centered design approach that makes it easier for patients to understand. We help our partners offer genetic counseling and testing services to their entire patient population at a fraction of the time and cost. With CancerIQ, you can maximize the clinical and financial impact of using genetics in routine care. Together, we can help to detect and prevent the deadliest and earliest onset cancers.

Cancer IQ, Inc. | 515 North State Street, Suite #1075, Chicago, IL 60654