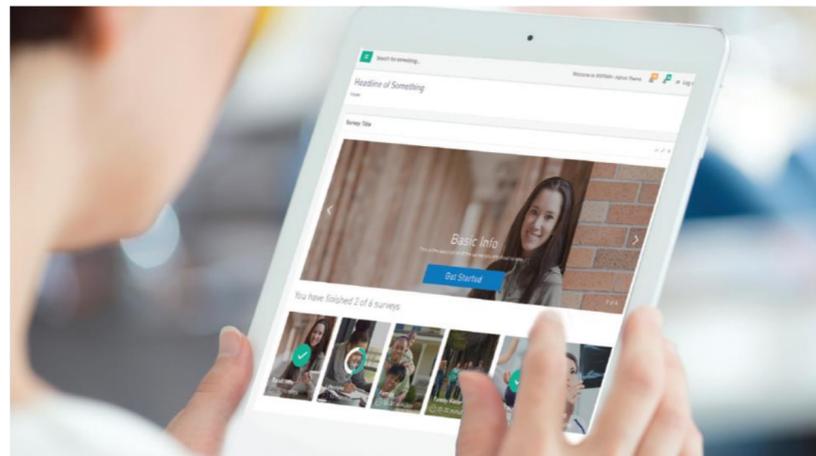




About CancerIQ Inc.

## CancerIQ Navigator

### 1 Screening Toolkit



Patient completes a 8-10 question waiting room survey to understand eligibility for further cancer risk assessment

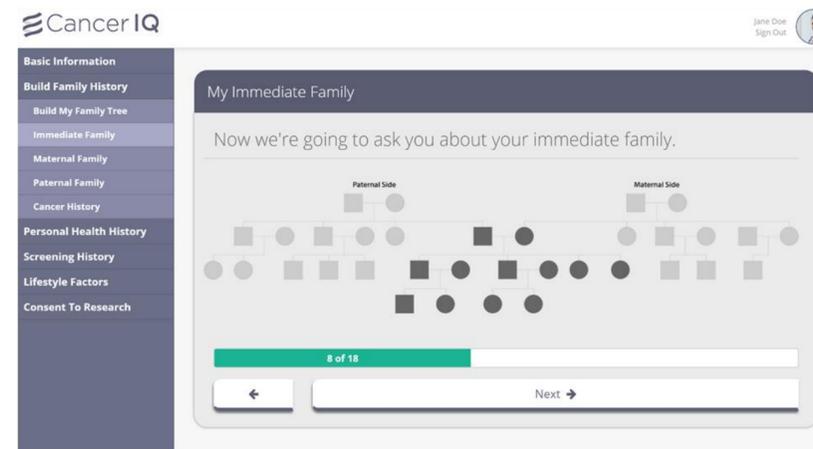
### 2 Navigator Portal



Navigator views risk alert and schedules appointment to review risk assessment results with a trained specialist

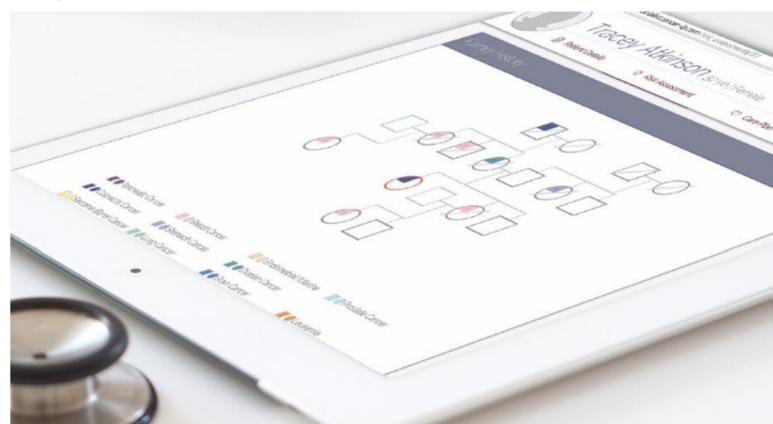
## CancerIQ Specialist

### 3 Self-Assessment Program



Patient receives basic education, and a series of 3-5 minute survey modules to complete before their visit with a specialist

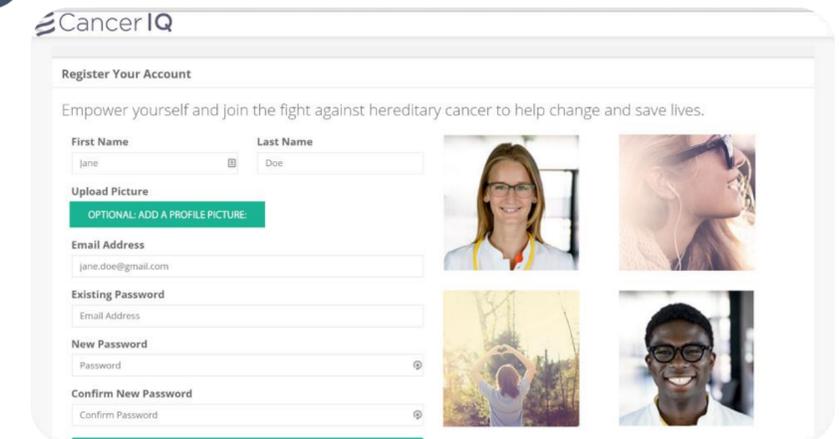
### 4 Specialist Portal



Specialist reviews pedigree, test results and risk report, consults other CancerIQ users, and preps personalized care plan

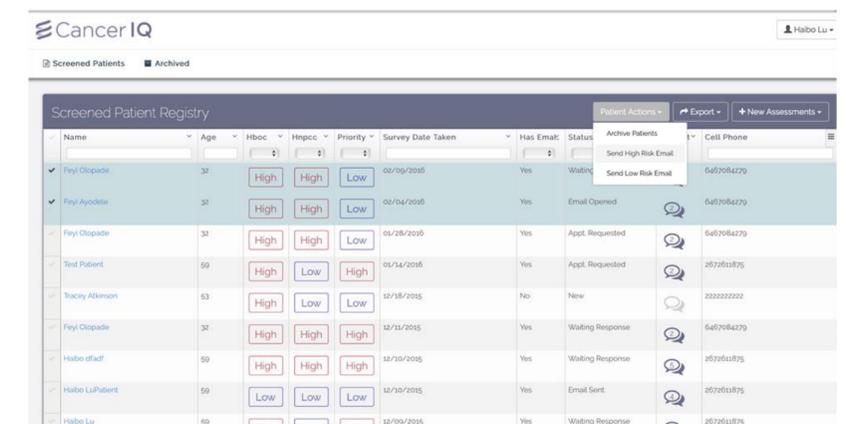
## CancerIQ Manager

### 5 High Risk Program



Patient receives a user-friendly interface to enroll in high risk programming, get support, and navigate surveillance plans

### 6 Manager Portal



Provider receives updates to original risk assessment. Automatically sends tailored education and screening reminders.

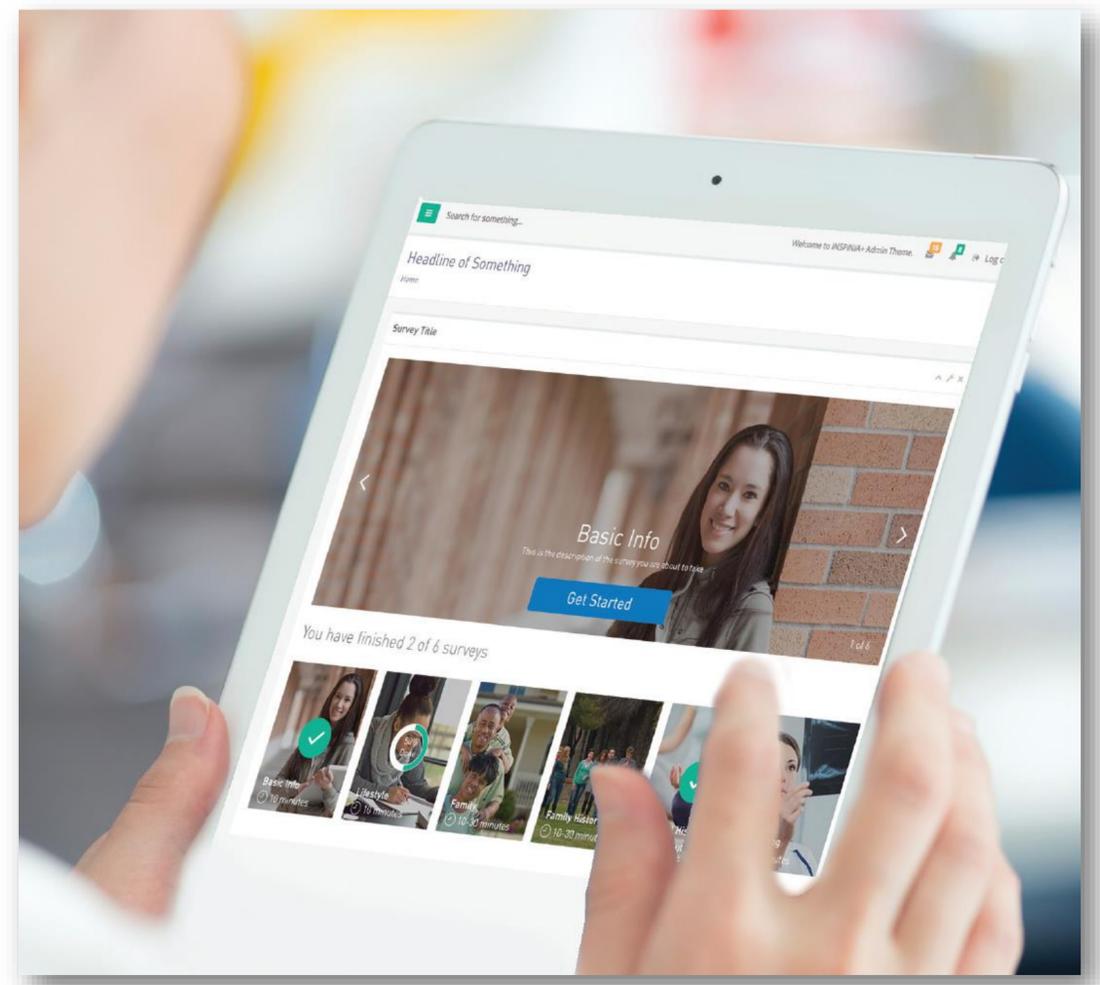
# CancerIQ Case Study

Accelerating adoption to maximize clinical impact

# CancerIQ best practices

- 1 Embed family history collection and risk assessment in clinical workflow**
- 2 Generate patient demand for family risk assessment services**
- 3 Demonstrate ease of use and time savings**

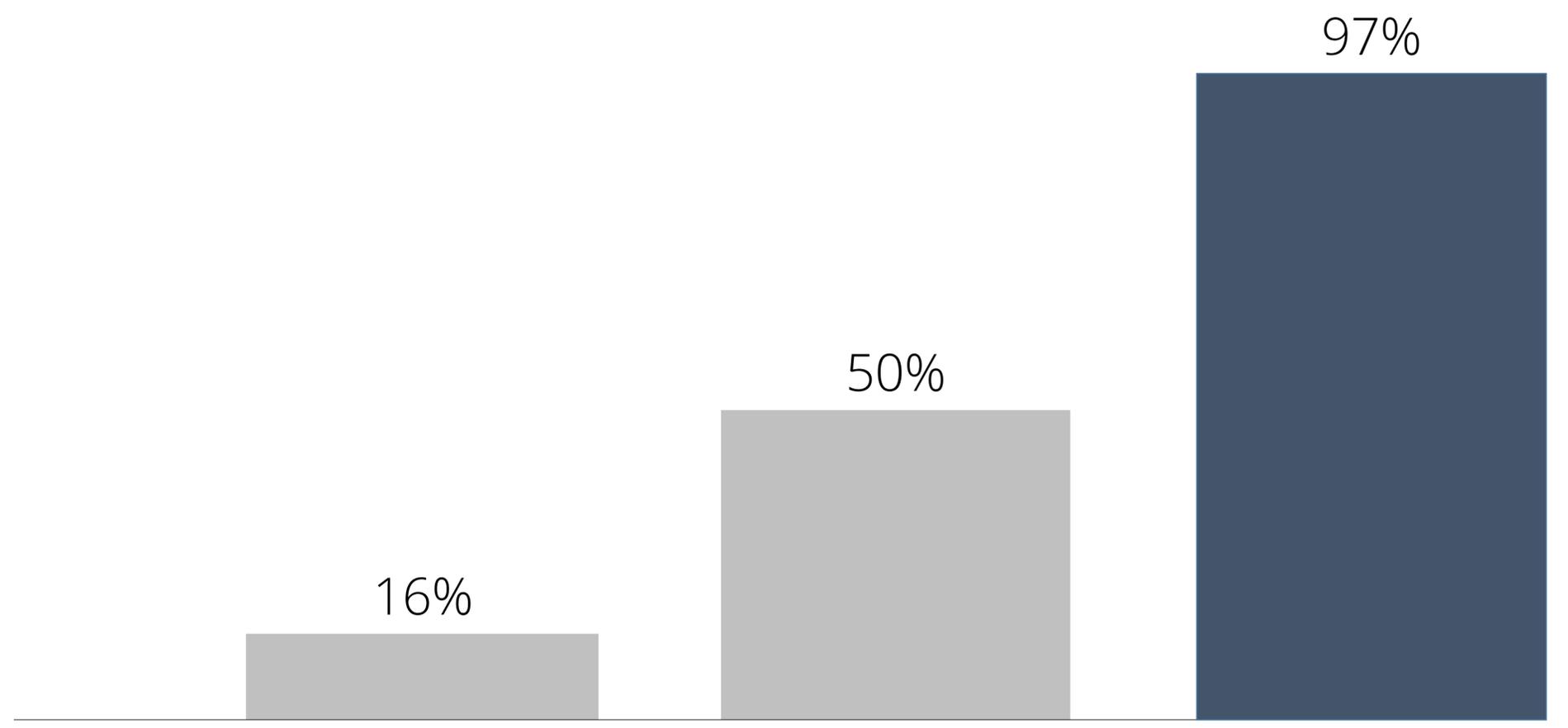
# Uptake of FHx Screening Toolkit



Before

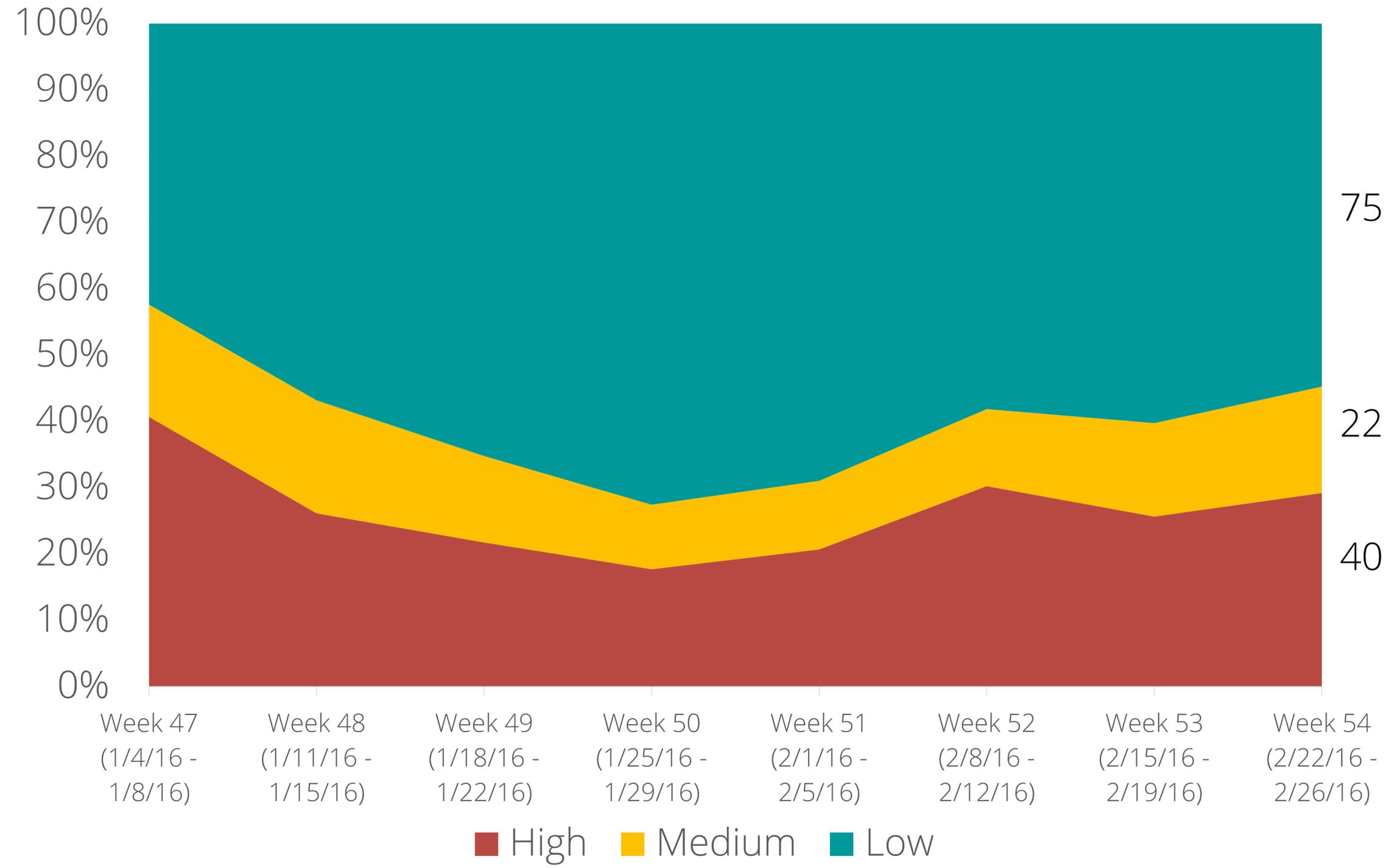
After

w/ Integration



# How? Feedback on patients eligible for genetics services

Weekly Identification of At-Risk Patients

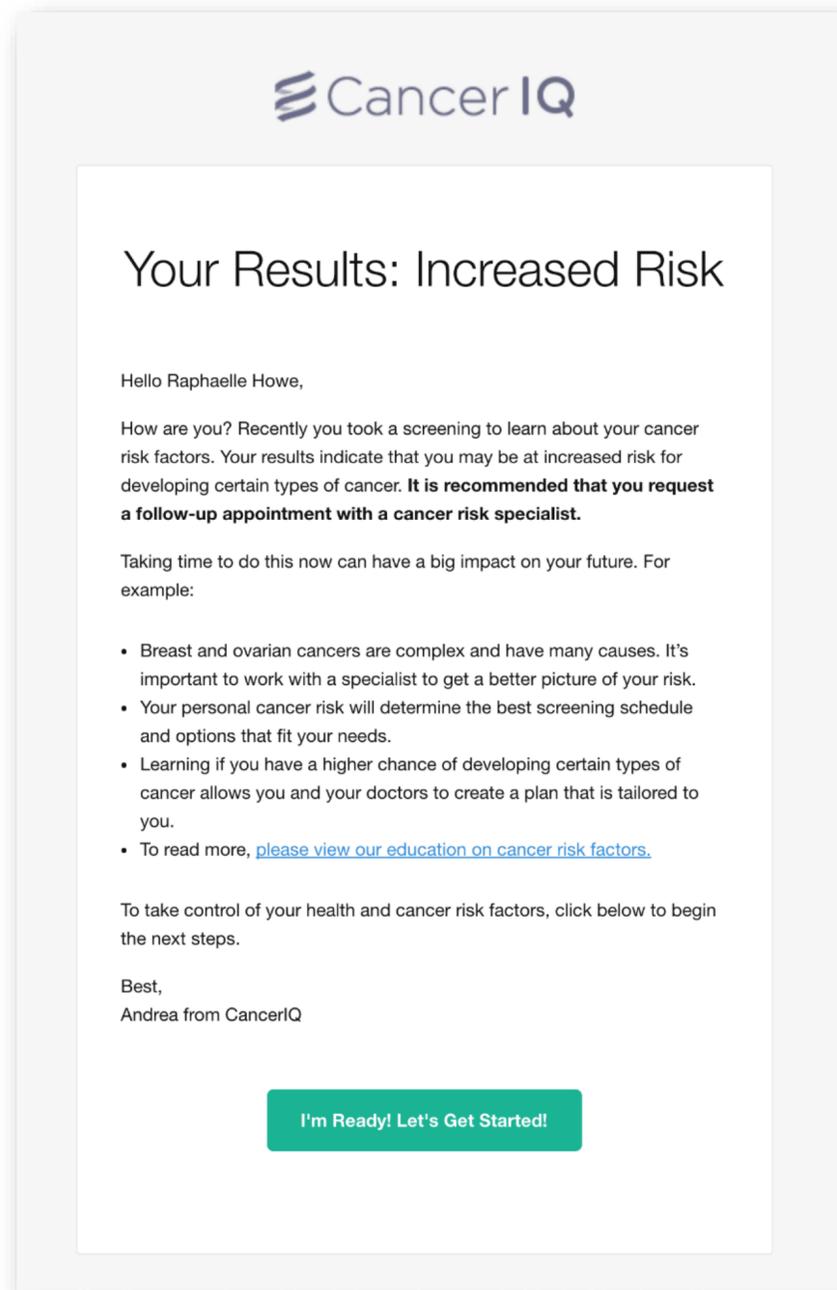


# CancerIQ best practices

- 1 Embed family history collection and risk assessment in clinical workflow
- 2 Generate patient demand for family risk assessment services
- 3 Demonstrate ease of use and time savings

# How? Compelling digital outreach campaigns

## Outreach over 2 Weeks



**Cancer IQ**

### Your Results: Increased Risk

Hello Raphaelle Howe,

How are you? Recently you took a screening to learn about your cancer risk factors. Your results indicate that you may be at increased risk for developing certain types of cancer. **It is recommended that you request a follow-up appointment with a cancer risk specialist.**

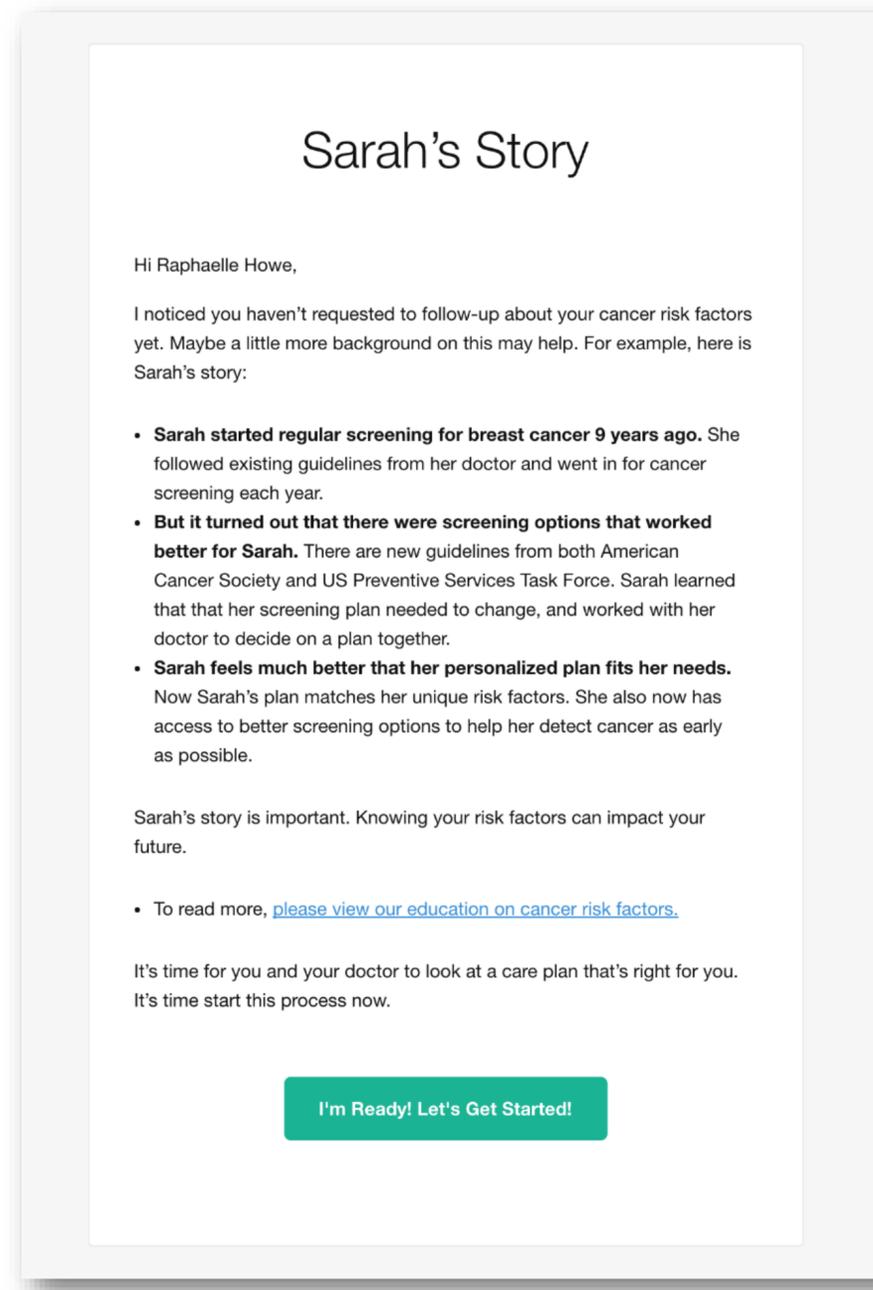
Taking time to do this now can have a big impact on your future. For example:

- Breast and ovarian cancers are complex and have many causes. It's important to work with a specialist to get a better picture of your risk.
- Your personal cancer risk will determine the best screening schedule and options that fit your needs.
- Learning if you have a higher chance of developing certain types of cancer allows you and your doctors to create a plan that is tailored to you.
- To read more, [please view our education on cancer risk factors.](#)

To take control of your health and cancer risk factors, click below to begin the next steps.

Best,  
Andrea from CancerIQ

[I'm Ready! Let's Get Started!](#)



### Sarah's Story

Hi Raphaelle Howe,

I noticed you haven't requested to follow-up about your cancer risk factors yet. Maybe a little more background on this may help. For example, here is Sarah's story:

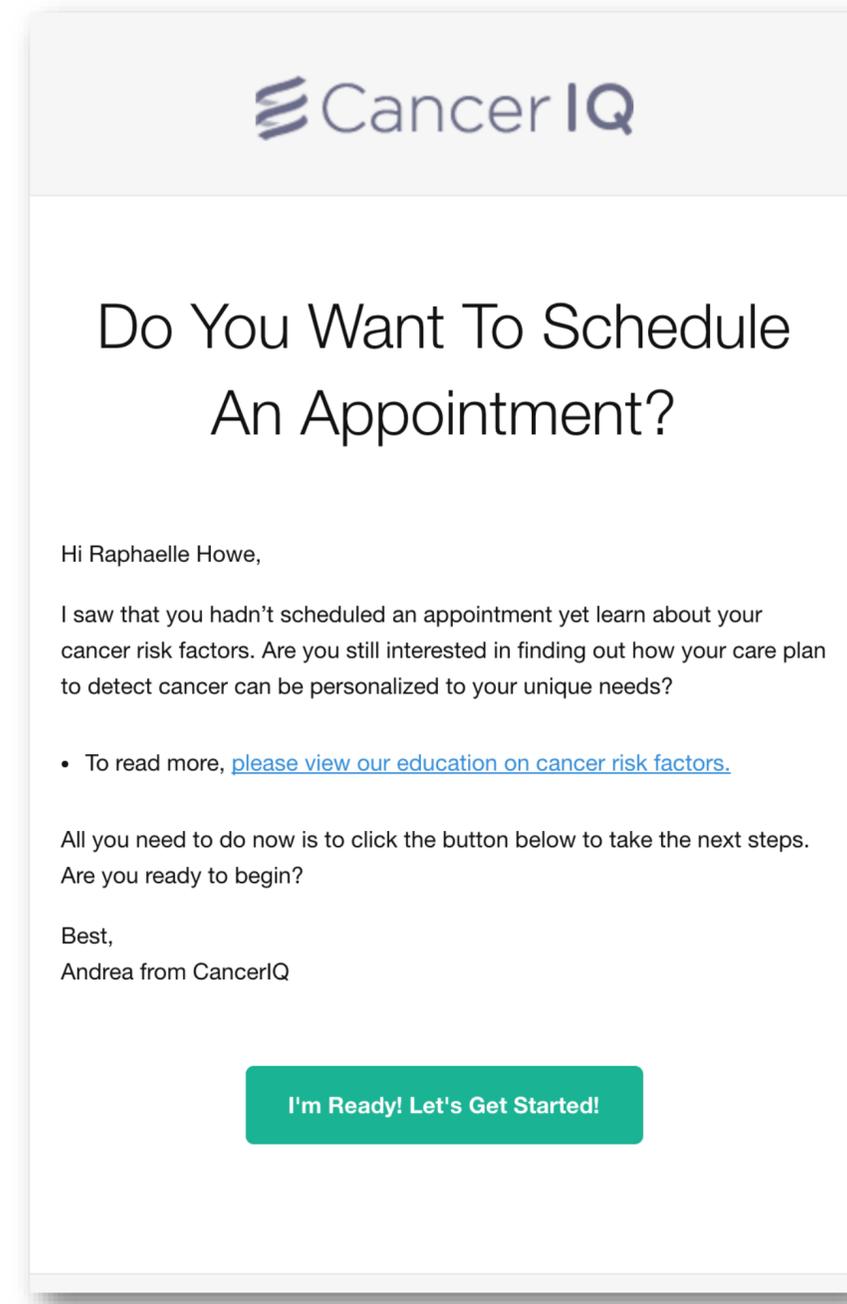
- Sarah started regular screening for breast cancer 9 years ago.** She followed existing guidelines from her doctor and went in for cancer screening each year.
- But it turned out that there were screening options that worked better for Sarah.** There are new guidelines from both American Cancer Society and US Preventive Services Task Force. Sarah learned that that her screening plan needed to change, and worked with her doctor to decide on a plan together.
- Sarah feels much better that her personalized plan fits her needs.** Now Sarah's plan matches her unique risk factors. She also now has access to better screening options to help her detect cancer as early as possible.

Sarah's story is important. Knowing your risk factors can impact your future.

- To read more, [please view our education on cancer risk factors.](#)

It's time for you and your doctor to look at a care plan that's right for you. It's time start this process now.

[I'm Ready! Let's Get Started!](#)



**Cancer IQ**

### Do You Want To Schedule An Appointment?

Hi Raphaelle Howe,

I saw that you hadn't scheduled an appointment yet learn about your cancer risk factors. Are you still interested in finding out how your care plan to detect cancer can be personalized to your unique needs?

- To read more, [please view our education on cancer risk factors.](#)

All you need to do now is to click the button below to take the next steps. Are you ready to begin?

Best,  
Andrea from CancerIQ

[I'm Ready! Let's Get Started!](#)

# How? Navigation platform to manage follow-up

The screenshot displays the Cancer IQ interface. At the top, there are navigation tabs: "Screened Patients", "Patients Due for Contact", "Patients Overdue for Contact", and "Archived". The user profile "Haibo Lu" is visible in the top right corner.

Below the navigation tabs, there are three summary cards:

- 29 Pending** (orange card with a warning icon)
- 15 In Progress** (red card with a bell icon)
- 33 Complete** (green card with a thumbs up icon)

The main section is titled "Screened Patient Registry" and includes several action buttons: "Patient Actions", "Filters", "Export", and "New Assessments". Below this is a table with the following columns: Name, Hboc, Hnpcc, Survey Date, Email, Cell Phone, Status, and Log Contact.

Name	Hboc	Hnpcc	Survey Date	Email	Cell Phone	Status	Log Contact
Karli Test	High	Low	03/03/2016	kslocum@myriad.com	8015843700	Email Opened	Log Contact (2)
Feyi Olopade	High	High	03/03/2016	feyi@canceriq.com	6467084279	Appt. Requested	Log Contact (2)
Feyi Olopade	High	High	03/02/2016	feyi@canceriq.com	6467084279	Email Sent	Log Contact (1)
Kevin Tao	Low	Low	03/02/2016		2424242424	New	Log Contact
A Test	Low	Low	03/02/2016	haibo@canceriq.com	2222222222	Email Sent	Log Contact
Haibo Address	Low	Low	03/02/2016	haibo@canceriq.com		Email Sent	Log Contact
Feyi Olopade	High	Low	03/02/2016	feyi@canceriq.com	6467084279	Email Sent	Log Contact (2)

# CancerIQ best practices

- 1 Embed family history collection and risk assessment in clinical workflow**
- 2 Generate patient demand for family risk assessment services**
- 3 Demonstrate ease of use and time savings**

# How? Patient-centered design

Family tree
Cancer IQ
Save
Reset

25% done with Basic information

BASIC INFORMATION
FAMILY BUILDER
REPRODUCTIVE HISTORY
MEDICAL HISTORY
SCREENINGS
LIFESTYLE

What is your birthday?

Month ✓

- February
- March
- April
- May
- June
- July
- August
- September
- October

Day ✓

Year

Previous
Next Question

---

Return
Cancer IQ
Save
Reset

Cancer Diagnosis  
  Deceased  
  Cancer diagnosis and Deceased

```

graph TD
    G1[Grandmother Lorem] --- G2[Grandfather Ipsum]
    G3[Grandmother Lorem] --- G4[Grandfather Ipsum]
    G1 --- Mom[Mom Lorem]
    G2 --- Mom
    G3 --- Dad[Dad]
    G4 --- Dad
    Mom --- Me[Me]
    Mom --- Sister[Sister Lorem]
    Mom --- Brother[Brother Ipsum]
    Dad --- Me
    Dad --- Sister
    Dad --- Brother
    Me --- D1[Daughter Lorem]
    Sister --- N1[Nephew Ipsum]
    D1 --- D2[Daughter Lorem]
    N1 --- N2[Daughter Lorem]
    U1[Uncle Ipsum] --- C1[Cousin Ipsum]
    C1 --- C2[Cousin Ipsum]
    C2 --- C3[Cousin Ipsum]
    
```

# How? Automated risk assessment and documentation

## Pedigree & Risk Models

## Reports

Tracey Atkinson 52 yo | Female

Patient Details Risk Assessment Care Plan Generate Reports

### Family History

### Breast Cancer Risk Models

Impact Management Cancer Risk **Generate Tyrer-Cuzick** **Input Tyrer-Cuzick**

Risk Period	Model	Risk Percentage
5 yr risk	Gail	2.88%
	Claus	2.65%
	BCSC	2.55%
10 yr risk	Gail	6.05%
	Claus	5.35%
	TC	10.5%
	BCSC	5.29%
Lifetime risk	Gail	15.9%
	Claus	18.2%
	TC	32.5%

Gail MH, Brinton LA, Byar DP, Corle DK, Green SB, Shairer C, Mulvihill JJ. Projecting individualized probabilities of developing breast cancer for white females who are being examined annually. J Natl Cancer Inst 81(24):1879-86. 1989 [PubMed Abstract]  
National Cancer Institution - Breast Cancer Risk Assessment Tool  
Breast Cancer Surveillance Consortium - Risk Calculator

Cancer IQ Specialist

Tracey Atkinson 52 yo | Female

Patient Details Risk Assessment Testing Care Plan Generate Reports

### Review Information

**Personal Risk**

- BMI: 32
- Colon or Rectal Cancer at 51 yrs old
- Breast Cancer at 50 yrs old
- Smoker for 30 years
- Red Meat: 8 servings/week

**Family Risk**

- Paternal Aunt: Stomach Ca
- Maternal Aunt: Breast Ca
- Maternal Cousin (F): Breast Ca
- Maternal Grandpa: Colon Ca
- Mother: Ovarian Cancer at 45
- Niece: Breast Cancer at 38
- Sister: Breast Cancer at 58
- Maternal Uncle: Breast Cancer at 67

**Cancer Risk**

- None
- Mutation Risk: Myriad
- Careplan

### Forms for Physicians

- Initial Consultation Note
- Positive Testing Consultation Note
- Negative Testing Consultation Note

### Generated Reports

Date	Title	Creator
8/19/15	Initial Consultation Note	Dr. Brown
8/21/15	Positive Testing Consultation Note	Dr. Smith

**Aug 29, 2015**

Re: Tracey Atkinson  
Date of Birth: 1962-08-22

Dear Medical Director:

I am writing this letter on behalf of my patient, Tracey Atkinson, to request coverage for genetic testing. This letter is to urge you to provide coverage for medically indicated genetic testing for the above named patient. The personal and/or family history on the test requisition form raises significant concern for genetic testing of possible mutations. I have determined that this test is medically necessary for the above patient due to the following risk factors which are suggestive of this condition:

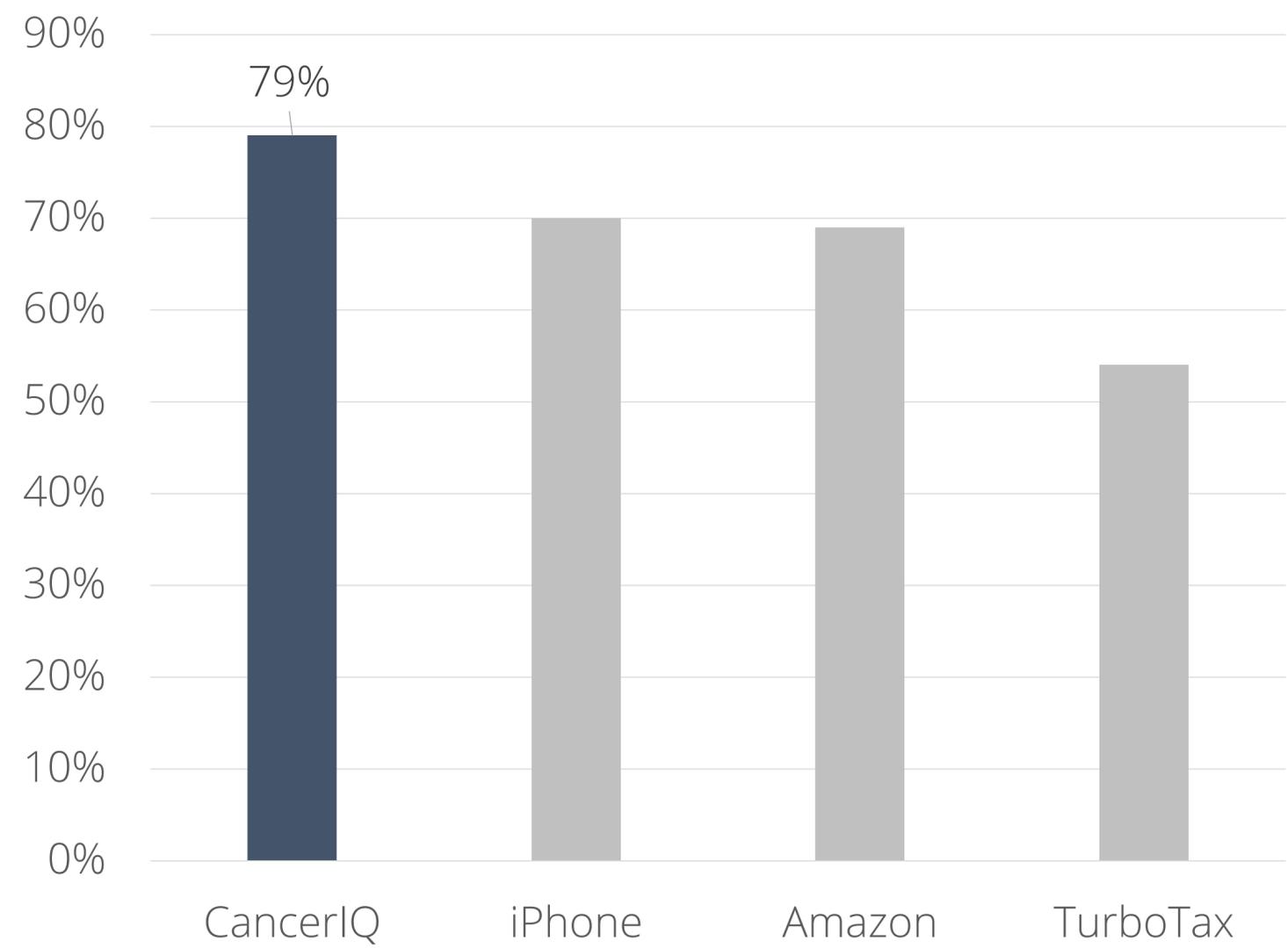
Based on this patient's information and history we want to test for Lynch Syndrome. We wish to order genetic testing using Ambry Genetics BRCA Plus.

**Personal Risk**

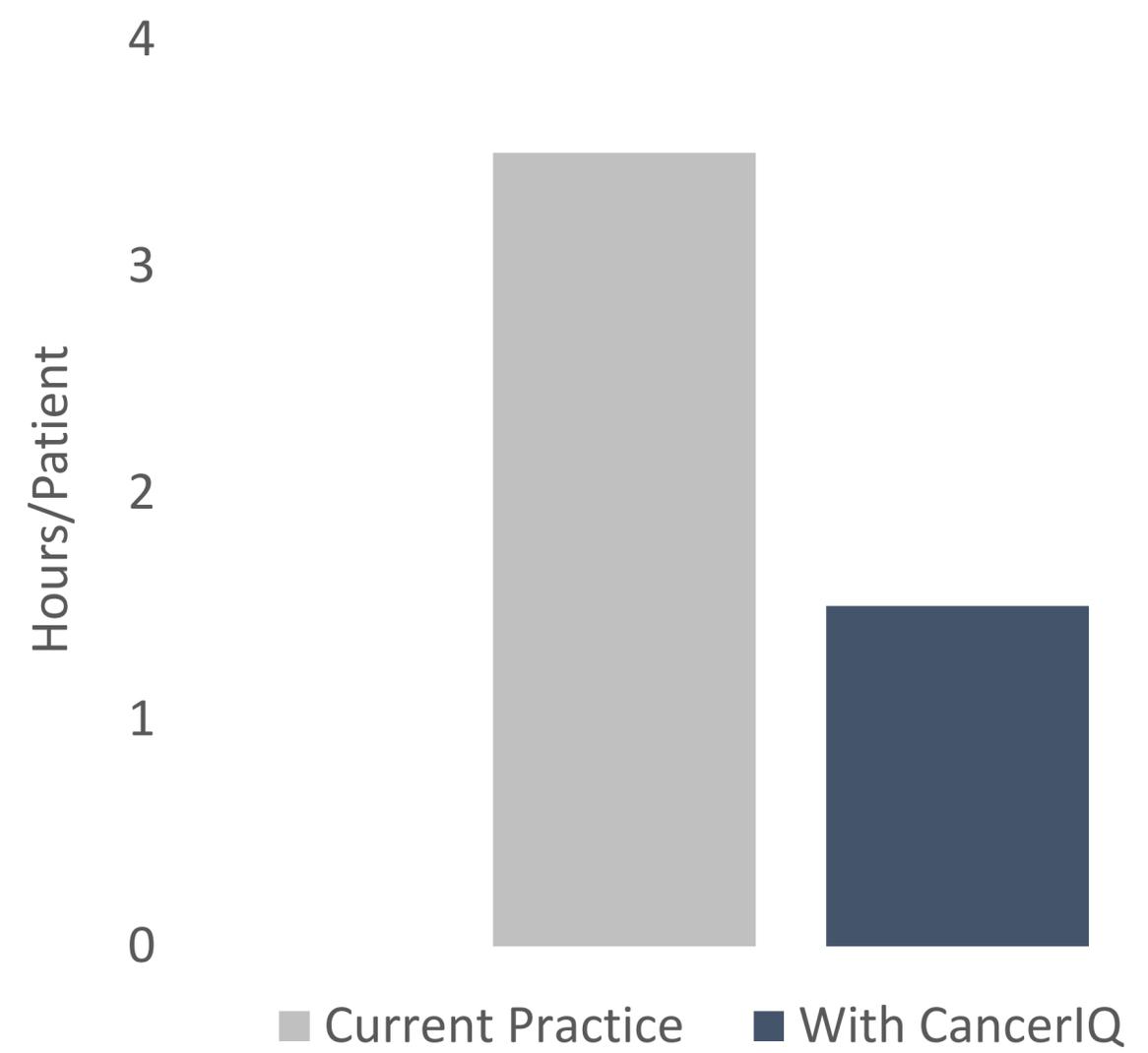
- BMI: 32
- Colon or Rectal Cancer at 51 yrs old
- Smoker for 30 years
- Red Meat: 10 servings/week

# Superior usability scores and time savings

## Patient usability scores



## Time spent per patient



We track our impact on patients and providers that use CancerIQ

# Questions?

[www.canceriq.com](http://www.canceriq.com)

**Feyi Olopade Ayodele**

Chief Executive Officer

Email: [feyi@canceriq.com](mailto:feyi@canceriq.com)

Office: +1.888.80.CANCERIQ, ext 700

**Haibo Lu**

Chief Product Officer

Email: [haibo@canceriq.com](mailto:haibo@canceriq.com)

Office: +1.888.80.CANCERIQ, ext 701