



MEET McLAREN

# BREAST CANCER RISK ASSESSMENT PROGRAM

McLaren's breast imaging team uses Cancer Risk Assessment (CRA) software to determine the most effective care pathway for women who are at high risk for breast cancer. Patients complete a questionnaire to obtain personal risk factors and family history of cancer. CRA calculates the patient's lifetime risk for breast cancer via the Tyrer-Cuzick 8 model and the National Comprehensive Cancer Network's guidelines for genetic counseling. These risk models help providers find high-risk patients who are eligible for additional screening to allow for the early detection of biologically aggressive cancers when they are most treatable.

## HOW DOES THE CANCER RISK ASSESSMENT TOOL WORK?

When patients schedule their screening mammogram, they will receive a link to complete a questionnaire about family history and other breast cancer risk factors. The data is imported into the CRA software tool, which will use a set of risk models (Tyrer-Cuzick 8 model and National Comprehensive Cancer Network's guidelines) to generate scores for these models. Patients whose lifetime risk of breast cancer is 20% or greater will be flagged in the system as high-risk.

The CRA tool is integrated with Cerner to centralize physician and patient communication, specifically regarding patient risk. Our goal is to empower patients with knowledge regarding their risk, enabling them to discuss next steps with their provider or the high-risk clinic provider.

## HOW DO I REFER A PATIENT TO THE HIGH-RISK BREAST CLINIC?

### McLAREN PROVIDERS

#### Referral Management:

Referrals can be made through Cerner

- Medical Service-Breast Surgery
- Referral Reason-High Risk

#### Referring Location:

McLaren Clarkston Comprehensive Breast Care

### INDEPENDENT PROVIDERS

To refer a patient, please call

McLaren Clarkston Comprehensive Breast Care at **(248) 922-6635** or fax **(248) 922-6636**.



## HIGH RISK BREAST CLINIC

If a patient's risk assessment indicates an increased risk for breast cancer due to family history or a genetic mutation, our clinicians in the High-Risk Breast Clinic will provide a personalized screening plan. The patient will receive a clinical breast exam, education, and information about other services, such as lab tests, breast ultrasound, MRI, genetic testing, or additional screenings. The clinicians in the clinic will work with each patient to provide guidance for a prevention strategy.

## OUR DEDICATED BREAST TEAM



**Kristin Booth, DO**  
Medical Director, Breast Imaging



**Liz Ekkel, DO**  
Breast Surgical Oncology

## OUR IMAGING CAPABILITIES

### Breast Imaging Program

Breast imaging radiologists at McLaren partner with patients to provide personalized, precision breast screening. Our program offers 3-D mammography as well as other advanced technologies, including screening breast ultrasound using breast MRI.

### Breast Imaging Center of Excellence

The McLaren Clarkston Imaging Center is designated as a Breast Imaging Center of Excellence by the American College of Radiology. The breast imaging team works closely with the multidisciplinary team at the Karmanos Cancer Institute at McLaren Clarkston, which includes medical and radiation oncologists, breast surgeons, and other clinicians.



### Breast Ultrasound Invenia™ ABUS 2.0

Invenia ABUS 2.0 breast cancer screening is specifically developed to help find cancers hidden in dense breast tissue. Invenia ABUS 2.0 screening uses sound waves to create 3D pictures of the breast tissue. In terms of detection accuracy in women with dense breasts, an “ultrasound + mammography” screening protocol has been demonstrated to increase detection of cancer in the breast by 35.7 percent. The ease of use, comfort, and non-ionizing characteristics of ultrasound also make it an attractive option for breast screening.

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