

Innovative and Specialized Breast Health Care Delivered With Expertise and Compassion

Once a woman is diagnosed with breast cancer she should gather information to help her make the appropriate decision regarding the treatment of her disease. She will need a caring and dedicated team of breast cancer specialists to help her during this time. This team would include a clinical breast radiologist, breast surgeon, medical oncologist and radiation oncologist. At most centers this requires multiple doctors' visits over an extended period of time. At Knoxville Comprehensive Breast Center, our team of breast specialists has a weekly multidisciplinary meeting to discuss each patient's imaging findings, tests results, and pathology results. The team develops an individualized plan of care for each woman which the breast surgeon explains to her during their office consultation. This approach eliminates visits to different specialists' offices, offers a comprehensive approach to treatment at one location, and a shortened time from diagnosis to recovery.

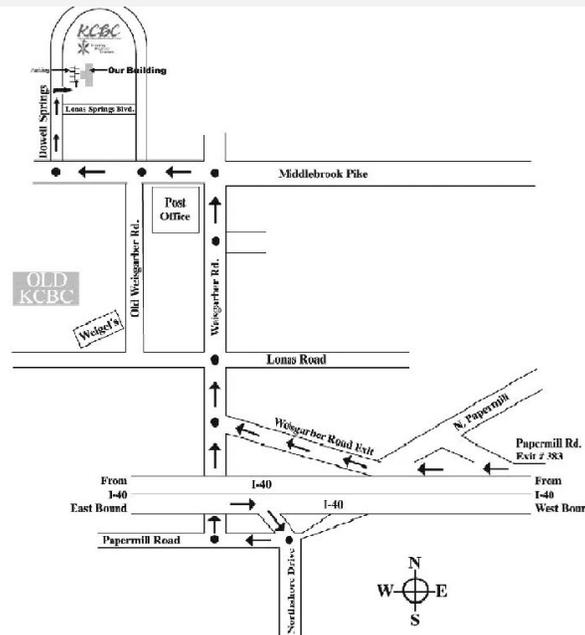
For patients with a diagnosis of breast cancer, a comprehensive treatment plan is completed with the aid of specialists in the field of breast cancer surgery, medical treatment of breast cancer, and radiation therapy for breast cancer. Weekly meetings are held with all of the specialists present and all newly diagnosed patients are discussed along with all those whose surgery has been recently completed.

Providing patients with outstanding and unique quality care by applying a comprehensive approach to the screening, diagnosis, and treatment process.



Kamilia Kozlowski, MD

Knoxville Comprehensive Breast Center was founded in May of 1983 by Clinical Breast Radiologist Kamilia Kozlowski, MD. She is the CEO and Medical Director of KCBC and is board certified by the American Board of Diagnostic Radiology. She was one of the first physicians to develop the concept of offering streamlined, cost-effective, quality breast health care all under one roof. Self Magazine recognized the center as one of the "Top Innovators in Breast Care" in the nation. The American Cancer Society and other organizations have honored Dr. Kozlowski for her continuous fight against breast cancer. The Knoxville Comprehensive Breast Center was one of the nation's earliest adopters of Aurora MRI technology in 2002, which Dr. Kozlowski believes is the best method to reduce breast cancer mortality.



We Are Raising The Standards in Breast Health Care

KCBC

Knoxville Comprehensive Breast Center



Screening
Diagnosis
Treatment

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Digital Screening Mammography

Women over 40 who do not have a current breast problem can call to schedule an appointment for an annual screening mammogram. You do not need a physician referral to get a screening mammogram! All mammograms are read by our Clinical Breast Radiologists using state-of-the-art equipment. A typical visit will last 30-45 minutes. A copy of your mammogram report will be sent to you and your physician within 3-5 business days. However, if your mammogram shows an abnormality or has a suspicious finding, you will be called within 24 hours of your mammogram appointment.

Ultrasound and Breast Density— Many women have dense breasts. (lots of glandular tissue as compared to fatty tissue,). For these women, a mammogram can miss as much as 40% to 50% of breast cancers. At KCBC we will inform you if you have dense breasts and recommend you have an ultrasound which can detect these missed cancers. Established dense breast patients will typically have an ultrasound on the same day as their mammogram. After the ultrasound is performed, you may choose to leave and be called with the results of your imaging within 24 hours, or you may choose to stay and receive the results before you leave our office. However, the images have to be read by a radiologist while you wait, so patients who choose to stay should be prepared for their total visit to last from 1 to 2 hours. A physician order is needed from the patient's primary care physician for the ultrasound.

Digital Diagnostic Mammography

Digital Diagnostic Mammography is used to investigate suspicious breast changes such as a lump, pain, or an unusual skin appearance. It's also used to evaluate abnormal findings found on a screening mammogram. The radiologist will determine whether additional mammogram views need to be obtained as well as whether information from an ultrasound, MRI, or needle biopsy is necessary for a diagnosis. A physical breast exam will be performed. A physician order is needed from the patient's primary care physician for any imaging other than a mammogram. You will receive your imaging results before you leave our office. The visit will last approximately 2 hours.

Biopsies

Stereotactic Biopsy—This is a procedure used to diagnose a small mass or calcifications seen on the mammogram images.

Core Biopsy—This is a procedure used to diagnose a mass seen on the ultrasound images.

MRI Biopsy—This is a procedure used to diagnose an enhancement seen on the MRI images. An MRI will need to be performed prior to the biopsy and contrast will be injected.

During a biopsy, local anesthesia is used to numb the area, a small nick is made in the skin, a biopsy needle is inserted into the breast, a sample or possibly several samples are taken, then the incision is closed and bandaged. Your biopsy results should be available in 24-48 hrs.

Digital Breast MRI

At KCBC we use The Aurora® 1.5T Dedicated Breast MRI System with 3-D bilateral breast imaging. This system provides the ultimate in the detection, diagnosis and biopsy of breast cancer and is designed specifically for breast imaging. Unlike whole-body MRI systems, which require after-market modifications to image the breast, the Aurora 1.5T Dedicated Breast MRI is designed from the inside out, specifically for the breast. KCBC owns and operates two of only three Aurora 1.5T Dedicated Breast MRI systems located in the entire state of Tennessee.

MRI uses magnetism, radio waves, and computer image manipulation to produce an extremely detailed image without radiation. Because of the extremely powerful magnetism of MRI scanners, they cannot be used on patients with any metal implants or pacemakers. MRIs can provide accurate imaging for women with implants or extremely dense breasts.

It is recommended by the American Cancer Society that women with high risk for breast cancer receive an annual MRI. The criteria for breast MRI screening include women who have:

- A documented BRCA mutation themselves or in their immediate family
- A strong family history of breast or ovarian cancer
- First-degree relative with pre-menopausal breast cancer
- Received radiation to the chest between 10-30 years of age
- A life-time risk for a genetic pre-disposition for cancer

Comprehensive Surgical Treatment

Surgery is provided by fully trained and dedicated breast surgeons. They provide the latest concepts of surgical treatment for breast lesions and cancers with compassionate care and expertise. They work jointly with plastic and reconstructive surgeons to provide immediate reconstruction in select cases. They are conservative where appropriate and aggressive where needed. Patient education by the surgeon is a major part of the care rendered by our team.

High Risk Assessment

~ Comprehensive assessment and family cancer pedigree review
~ Individualized Breast Cancer Evaluation
~ Breast Cancer genetic counseling for those women and their family who have a known or suspected genetic abnormality that puts them at increased risk of developing breast cancer
~ BRCA Testing for Hereditary Breast and Ovarian Cancer syndrome
~ Individualized risk reduction plan for maintaining breast health, including lifestyle

Mobile Digital Screening Mammography



The Knoxville Comprehensive Breast Center's Digital Mobile Mammography Coach reaches women unable to come to KCBC's main center. With the coach, KCBC is able to take our screening digital mammography to under-served populations, to working women at businesses and industrial sites, and to community and church groups throughout the area. Results are mailed to the patient within 5-7 business days. However, if your mammogram shows an abnormality or has a suspicious finding, you will be called within 48 hours of your mammogram appointment.