

Kelsey-Seybold *Cancer Center*

healing happens here℠

As a nationally certified cancer program, the Kelsey-Seybold Cancer Center stays current with best practices and the nation's rapidly advancing treatment guidelines. This means our patients receive care adhering to the same nationally established treatment protocols for common cancers as they would at any leading cancer center in the county.

The Kelsey-Seybold Cancer Center is nationally certified by the Quality Oncology Practice Initiative (QOPI®) Certification Program, an affiliate of the American Society of Clinical Oncology (ASCO). ASCO is the world's leading professional organization for physicians and Oncology professionals caring for people with cancer. The QOPI Certification Program (QCP) certifies Hematology/Oncology practices that meet the highest-quality criteria for cancer care. Data is collected and compared against more than 100 quality measures.

QCP

QOPI® Certification Program

Quality Cancer Care: Recognizing Excellence

Patients are connected to their multidisciplinary cancer teams – often within days, not weeks.

A Collaborative Approach to Cancer Care
Our coordinated and personalized approach to care helps improve the patient experience throughout every aspect of treatment.

Our patients get connected to their multidisciplinary cancer teams – often within days, not weeks. This includes:

- Hematologists
- Medical oncologists
- Radiologists
- Pathologists
- Oncology surgeons
- Radiation oncologists
- Reconstructive surgeons
- Clinical infusion pharmacists
- Nurse practitioners

Our electronic medical record system allows our Cancer Center teams to collaborate closely with each patient's primary care and specialty physicians, which helps improve patient outcomes.

Dedicated Nurse Navigators and Social Workers
Shortly after being referred to our Cancer Center, patients receive a call from one of our nurse navigators, who guides them through the treatment process and serves as a resource every step of the way. Our social workers also provide resources, support services, and guidance.





By investing in the latest cancer-fighting radiation technology, we bring proven, state-of-the-art technology and advancements to our patients.

Delivering Advanced Radiation Therapy

The Kelsey-Seybold Cancer Center is the first healthcare organization in Houston to offer state-of-the-art Varian Edge® and several technologies that help improve patient safety during radiation treatments. These technologies minimize additional exposure to the patient, reducing long-term side effects and risks while delivering higher doses over fewer sessions.

- **Varian Edge** technology makes it possible for the Kelsey-Seybold Cancer Center team to treat a wide range of cancers noninvasively – including cancers of the brain and spine – without anesthesia or surgery. It's an important alternative to invasive surgery for tumors that are close to critical organs and are subject to movement in the body during radiation therapy. The Edge delivers precise, accurate, and fast treatment while minimizing exposure to nearby healthy tissue. The Edge is used for advanced, outpatient radiosurgery (surgery without a knife) by combining state-of-the-art imaging, targeting, and treatment in one comprehensive system. It also offers a high radiation dose rate for faster treatment in briefer periods. Each procedure lasts only minutes, so patients can quickly resume daily activities.

- **VarianTrueBeam®** technology uses noninvasive, tumor-destroying radiation to treat cancer while minimizing exposure to surrounding healthy tissue. Advanced imaging, sophisticated targeting, and motion control deliver accurate treatments in just minutes a day. Because of its precise accuracy, the TrueBeam system can be used to treat many different types of tumors, including those in the head and neck, abdomen, liver, lung, breast, pelvis, and prostate. Because of TrueBeam's increased accuracy, radiation can be given quicker, which is more comfortable for the patient.

- **Respiratory Gating for Scanners (RGSC)** is used to observe and record the respiratory motion of a patient during their CT simulation planning session. This system allows the treatment planning team to assess the motion of the tumor and other organs and structures within the body to accurately plan target volumes.

- **AlignRT** is a surface-guided radiation therapy (SGRT) system for tracking patient movement. The system tracks the patient's skin surface in real time with submillimeter accuracy and ensures radiation is being delivered correctly. If the system senses movement, it will automatically signal the treatment delivery to pause the radiation beam.

- **Deep Inspiration Breath Hold (DIBH)** is a treatment technique implemented in conjunction with AlignRT. This tool aids in treating left-sided breast cancer while minimizing radiation exposure to the heart. During treatment, the patient is instructed to take a deep breath in and hold it while the radiation is being delivered. By taking in a deep breath, the lungs fill with air and the heart moves away from the chest wall, reducing exposure. The real-time tracking pauses the beam if the patient falls out of position during treatment. DIBH is not limited to left-sided breast cancer – it is also used for other treatment sites such as the lung and liver, where minimizing radiation to surrounding healthy tissue is critical.







A personalized approach to care helps improve the patient experience throughout every aspect of treatment.

Breast Diagnostic Center Streamlines and Fast Tracks Care for Patients

Every woman deserves quality breast care that's convenient, personalized, and supportive. Kelsey-Seybold Clinic offers a fast-tracked, holistic approach for women from diagnosis through treatment and breast reconstruction, if needed. When a mammogram is abnormal, a follow-up appointment is scheduled within days, so patients don't have to wait weeks for a more definitive diagnosis. This helps reduce anxiety and sleepless nights by making it possible for patients to get treatment sooner.

Multidisciplinary Team Uses Advanced Diagnostic Tools

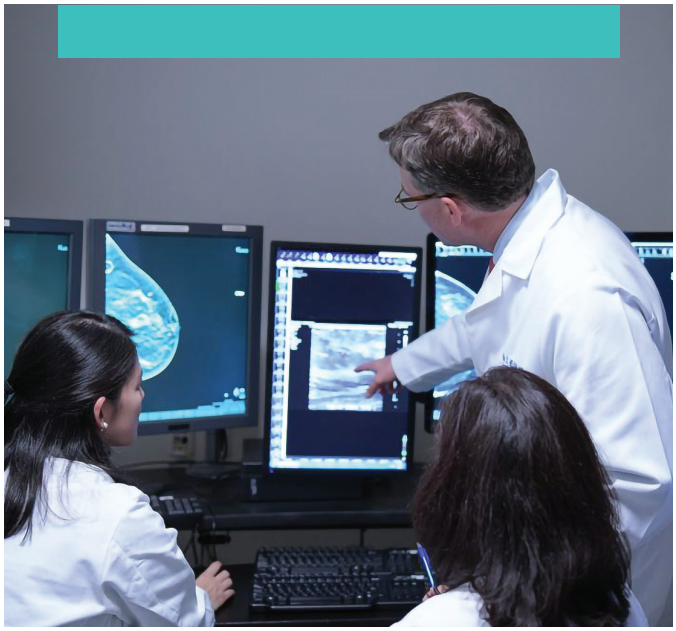
The Breast Diagnostic Center at the Kelsey-Seybold Cancer Center includes a multidisciplinary team that collaborates and fast-tracks diagnosis. The Breast Diagnostic Center uses the latest tools in the fight against cancer. Our diagnostic services include:

- 3-D mammography (breast tomosynthesis)
- Digital mammography
- Breast ultrasound
- Ultrasound-guided biopsy
- Stereotactic breast biopsy
- Breast MRI (magnetic resonance imaging)

Using the latest in stereotactic imaging and filmless X-ray technology allows instantaneous viewing of images by our doctors to streamline and fast track a patient's diagnosis.

Breast Reconstructive Surgery

Breast restoration at Kelsey-Seybold completes the continuum of breast care excellence provided by Kelsey-Seybold Clinic. Our board-certified plastic surgeons are skilled in advanced procedures to help restore a breast to near normal shape and appearance after mastectomy. The breast surgical team helps patients make a thoughtful decision about which option is best for them.



Our on-site infusion pharmacies safely and efficiently compound medications to support cancer patients during their individualized treatments.

Infusion Centers

Our Infusion Centers offer patients convenient services in a comfortable, easily accessible setting. Services include:

- Chemotherapy
- Injectable anticoagulants
- Intravenous administration of medications, including antibiotics, antifungals, antivirals, and hydration solutions
- Patient teaching and education
- Routine care for venous access devices
- Ambulatory pumps
- Iron infusions
- IVIG-immune globulin (gamma globulin)
- Therapeutic phlebotomies
- Remicade and other biotherapy treatments

Infusion Pharmacies

Kelsey Pharmacy's on-site infusion pharmacies are designed to safely and efficiently compound specialty medications to support cancer patients during their individualized treatments. The proximity of our clinical pharmacists facilitates one-on-one patient counseling and helps ensure the appropriate, supportive medications are delivered to patients in a timely manner. The on-site infusion pharmacy adheres to the proper handling, storage, and administrative requirements provided by best-practice standards.







You're in great hands at the Kelsey-Seybold Cancer Center.

Making the Journey Easier
At Kelsey-Seybold, the small things can make a big difference in your cancer treatment journey.

Continuity of care means our patients see the same caregivers at each visit, receiving the comfort and support of family-like relationships and the benefits of a caring team familiar with their individual diagnosis and treatment.

Our patients receive test results faster and begin treatment earlier – often within days, not weeks – reducing worry and improving outcomes.

From day one of diagnosis to ongoing treatment, our friendly and highly skilled treatment team is there with compassion and individual attention.

A Wide Range of Cancer Center Services
In addition to radiation therapy, chemotherapy, and infusion therapy, the Cancer Center offers:

- Genetic testing for breast, ovarian, colon, and other cancers
- State-of-the-art diagnostic technology
- Minimally invasive breast biopsies
- Stereotactic breast biopsy


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For more information:



kelsey-seybold.com/CancerCenter

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