WOMEN’S IMAGING
Breast & Reproductive Imaging & Therapeutic Treatments

ABOUT INLAND IMAGING
At Inland Imaging, our specialty trained radiologists, nurses, and technologists make sure that you get detailed answers quickly and accurately. Because when it comes to your health, better answers can lead to better outcomes.

SCHEDULING: (509) 455.4455
BREAST IMAGING CENTER LOCATIONS
For a list of our breast imaging center locations, please refer to: www.inlandimaging.com/locations. To find out more, talk with your doctor or call Inland Imaging at 509.363.7799.

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AN OVERVIEW OF WOMEN’S IMAGING
Today, women in the Northwest have access to some of the most important and advanced imaging and treatment technology available. Inland Imaging’s board-certified physicians are dedicated to providing women’s imaging services that afford women the health information they deserve.

BREAST IMAGING
Digital Mammography – Screening, Diagnostic & Tomosynthesis
Mammography can be divided into two categories: screening and diagnostic. Your screening mammogram at Inland Imaging is performed by a qualified female technologist. The American Cancer Society recommends yearly screening mammograms for all women age 40 years and older.

A diagnostic mammogram is a problem-solving mammogram. This exam is performed by a technologist who consults directly with a radiologist to determine the best views needed to aid in the evaluation of your breast. This work-up will determine if further imaging is needed, such as a breast ultrasound.

Both types of mammograms will be performed with digital technology, the latest innovation in breast imaging. The digital image is sent to a computer workstation, instead of printed on film. The workstation provides the radiologist with an ideal view and the ability to adjust the image in multiple ways, something that was not possible with film. Our technologists and breast imaging radiologists use low-dose radiation imaging techniques, Computer Aided Detection (CAD), and the most advanced digital mammography technologies available.

What is Tomosynthesis?
Breast tomosynthesis, also known as 3D mammography, represents a technological breakthrough in breast imaging that provides a clearer, more detailed and accurate view compared to digital mammography alone.

Research on breast tomosynthesis consistently demonstrates both improved breast cancer detection rates, and a decrease in the need for follow-up exams.

3D Breast Cancer Detection
Conventional digital mammography produces one image of overlapping tissue, making it difficult to detect abnormalities. Breast tomosynthesis takes multiple images of the entire breast, allowing Inland Imaging’s breast imaging radiologists to see through layers of tissue to examine areas of concern from a variety of angles, one thin slice at a time.

*3D mammography screening research findings included:
- A 41% increase in the detection of invasive breast cancers
- A 29% increase in the detection of all breast cancers
- A 15% decrease in women recalled for additional imaging
- A 40% decrease in “false positives”


Cancer is visualized more clearly with 3D mammography (image right) than 2D (image left).

Inland Imaging
inlandimaging.com
Answers you can trust and care you can count on.
Breast Ultrasound
Breast ultrasound is a noninvasive exam that uses sonar technology to determine if a suspicious area is a fluid-filled cyst or a solid mass which may require further testing, such as a biopsy.

Breast Biopsies
A breast biopsy is a tissue sampling technique used to confirm or rule out the presence of breast cancer. Breast biopsies can be surgical or non-surgical. Inland Imaging specializes in non-surgical breast biopsies. Inland Imaging utilizes two primary non-surgical methods to obtain samples: ultrasound-guided core-needle breast biopsy and stereotactic breast biopsy. Utilizing these methods benefits the patient by decreasing recovery time and reducing scarring.

Breast MRI
Breast MRI is an excellent problem-solving technology. It is often used to investigate breast concerns first detected with mammography, a physical exam, or other imaging exams. Biopsies may also be performed using breast MRI. MRI-guided breast biopsy is a fast, safe and easy way to find and biopsy breast abnormalities without unnecessary surgery. Our new state-of-the-art breast Magnetic Resonance Imaging (MRI) system optimizes patient comfort, reduces unnecessary movement during the exam, and produces superior images. It also offers improved access for biopsies.

PET/CT
Positron emission tomography (PET), combined with computed tomography (CT), is a nuclear medicine imaging technique that uses very short-lived radioactive compounds that localize in cancer cells. Typically a patient will undergo other imaging exams prior to receiving a PET/CT scan. In terms of breast cancer, PET/CT is used in the initial staging or re-staging of cancer, and in its response to treatment.

Positron Emission Mammography (PEM)
PEM, an advanced application of Positron Emission Tomography (PET), captures localized images of the breast, producing sharp, detailed images of breast lesions — as small as 1.5 mm. This information is valuable to develop treatment options and surgical plans.

Bone Densitometry
Bone density tests measure the strength of your bones and determine risk for bone fractures and developing osteoporosis.

Reproductive Imaging
Reproductive imaging has become an essential tool in monitoring pregnancy and fetal health and providing insight into fertility problems. Pelvic MRI is a completely non-invasive imaging technique that uses no x-rays or radiation. It produces detailed images that are often used to evaluate the benefits of surgical interventions. Symptoms such as chronic pelvic pain and dysfunctional uterine bleeding are often studied using this exam. Pelvic MRI can help to identify the source of these symptoms and their relationship to pregnancy complications.

In women who are pregnant, ultrasound continues to be the preferred imaging method. Inland Imaging technologists who perform this examination are trained professionals who focus on the internal structures of both the mother and the baby. Through the use of ultrasound, physicians can confirm early pregnancy, evaluate the baby’s age, size, and overall health.

Therapeutic Treatments
Uterine Artery Embolization
The most common cause of hysterectomy surgery is uterine fibroid tumors. Uterine Artery Embolization (UAE) is a less drastic, nonsurgical option that is giving many women new hope for keeping their uterus. During UAE, an interventional radiologist uses a catheter to deliver a special material that blocks the blood supply to the fibroids. Your physician may advise you of this minimally invasive therapy, or suggest surgical interventions, such as a hysterectomy. It is important to discuss these options with your physician to determine which treatment is best for you.

Laser Vein Ablation
Inland Imaging offers free initial screening exams to assess the health of the veins in your legs. Upon completion of the 10-minute exam, your doctor may make a diagnosis of either varicose or spider veins. Varicose veins are bulging or distended superficial veins in the legs that can frequently cause symptoms such as aching, cramping and leg swelling. Spider veins are small red, blue or purple web-like veins, and are the most common vein problem. While not harmful, spider veins are generally felt to be unsightly. Your doctor will discuss treatment options for your condition which may include minimally invasive laser vein treatment.

Laser Vein Ablation is the latest advance in treating problematic veins in the legs. The procedure uses a laser to deliver pulses of laser light into the damaged vein, causing it to collapse. The procedure is done in the office under local anesthesia and typically takes about one hour.

Nationality Ranked Excellence
- Inland Imaging is the region’s only network of Breast Imaging Centers of Excellence set forth by the American College of Radiology (ACR).
- We have been recognized by Imaging Technology News as one of five “Top Women’s Imaging Centers to Watch” in the U.S. for our efforts in implementing new technology, participating in clinical trials, and introducing new techniques and imaging systems.
- Inland Imaging is among the “Top 25 Connected Facilities” in the nation for leading radiology and healthcare information sharing.