

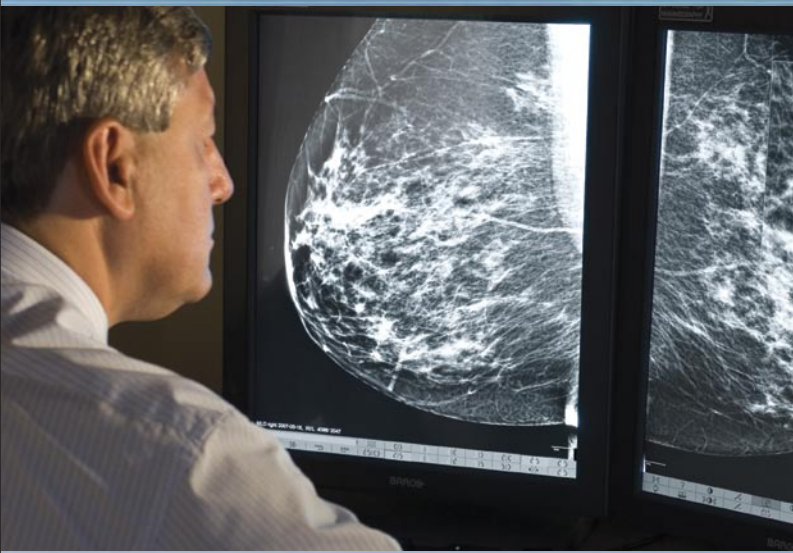
WOMEN'S IMAGING



 **Valley Radiologists**
Complete Diagnostic Imaging
an affiliate of Southwest Diagnostic Imaging Ltd.

Representing nearly 52% of the population, women have special healthcare needs. As a result, women's health imaging is an important subset of radiology. At Valley Radiologists, we've been at the forefront of women's imaging — particularly the detection, diagnosis and staging of breast diseases — for decades. Today, we combine subspecialty focus with comprehensive,

state-of-the-art capabilities to provide the highest standard of care, from screening to diagnosis to biopsy. Using new equipment, advanced detection and doctors and staff who do exclusively women's imaging, we've streamlined the process while offering unsurpassed diagnostic excellence. All with the compassion women appreciate and the accuracy on which their physicians rely.



COMPREHENSIVE WOMEN'S IMAGING CAPABILITIES.

Because appropriate, effective medical care depends on an accurate — and complete — diagnosis, the physicians of Valley Radiologists have dedicated resources in order to offer the complete range of imaging modalities and specialized studies for the special needs of women. These include:

Digital mammography – Breast cancer is the most common cancer among women — and the second-most deadly. In the fight against this disease, mammography is a vitally important tool, allowing our radiologists to detect breast cancer or other abnormalities in their

earliest stages. Annual screening mammograms — recommended to begin at age 40 — are credited with helping reduce the mortality of breast cancer by as much as 40 percent. However, specific breast complaints, family history or other risk factors may indicate the need to be screened at a younger age or with greater frequency. With digital mammography, our radiologists interpret higher-resolution images and have the ability to zoom in and out and manipulate contrast, leading to a complete, accurate diagnosis. Also, digital mammography provides images more quickly while reducing patients' radiation exposure.

Computer-aided detection (CAD) for mammography – For greater accuracy, we use the state-of-the-art R2 CAD system. CAD is an exciting advance in breast imaging that gives our women’s imaging radiologists a computerized “second review” of mammograms. Computer-aided detection is a computer-generated algorithm that identifies areas of increased density, tissue asymmetry and suspicious microcalcifications. CAD effectively functions as a “second pair of eyes” and has been shown in studies to improve detection of breast cancer by as much as 20%.

Breast ultrasound – High-resolution breast ultrasound is applied as a problem-solving tool used in conjunction with mammography. Sonography is directed to areas of mammographic abnormality or symptomatic areas of the breast. We also use ultrasound to differentiate cysts from solid masses and to guide breast biopsies.

Breast MRI – High-resolution breast MRI is a powerful imaging modality used in conjunction with mammography. Breast MRI is predominantly reserved for high-risk patients or as a problem-solving tool. This includes patients with known breast cancer and patients with a known breast cancer gene. Identification of cancer hinges on the fact that malignant tissue shows greater blood flow than surrounding normal breast tissue. Therefore, cancer obscured by dense breast tissue on a mammogram may appear more obvious on MRI. Breast MRI is also considered the “gold standard” for evaluation of breast implant rupture.

Bone densitometry (DXA scan) – A DXA scan quickly, painlessly and accurately measures bone strength, density and mineral content. This is highly effective in diagnosing osteoporosis and monitoring the effectiveness of treatment.

BREAST BIOPSY PROCEDURES.

Unfortunately, imaging studies do not always inform us whether a lesion is benign or malignant. In these cases, it may be necessary to obtain a tissue sample. With the area’s most complete, full-service interventional radiology team, we perform a complete array of minimally invasive breast biopsy procedures, including:

Ultrasound-guided core biopsy or aspiration – Ultrasound is used to guide core needle biopsy of a solid lesion or aspiration of a cyst. Breast imaging specialists watch in real time during the procedure, which requires only local anesthesia and no radiation.

Vacuum-assisted stereotactic breast biopsy – Mammographic digital images help guide core needle biopsy. This technique is most often used to biopsy calcifications or lesions seen mammographically but not seen using ultrasound. The procedure requires local anesthesia and only low-dose radiation.

MRI-guided vacuum-assisted breast biopsy – For abnormalities detected with MRI but not mammography or ultrasound, we guide core needle biopsy to the lesion using contrast-enhanced MRI images. The procedure requires only local anesthesia and no radiation.

HELPING PHYSICIANS KEEP WOMEN HEALTHY THROUGHOUT THEIR LIVES.

Women’s imaging is one of the many areas in which we continue our tradition of — and commitment to — patient-centered care and clinical excellence. We are committed to providing patients and their physicians with professional, comprehensive care and accurate, reliable imaging interpretations.

For more information on Valley Radiologists women’s imaging capabilities or if you wish to refer a patient, please call us today: 623-847-2000.



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DEER VALLEY OFFICE

Deer Valley Medical Center
2525 West Greenway Road, Suite 250
Phoenix, AZ 85023
*SERVICES: Bone Densitometry, Diagnostic Radiography,
Screening Mammography, Ultrasound*

ESTRELLA OFFICE

Estrella Medical Plaza I
9305 West Thomas Road, Suite 100
Phoenix, AZ 85037
*SERVICES: Bone Densitometry, Breast MRI, CT,
Digital Radiography, Digital Screening & Diagnostic
Mammography, Interventional Breast Services, MRI, Ultrasound*

PALM VALLEY OFFICE

Palm Valley Medical Plaza
13555 West McDowell Road, Suite 106
Goodyear, AZ 85338
*SERVICES: Bone Densitometry, CT, Digital Radiography,
Digital Screening & Diagnostic Mammography, MRI, Ultrasound*

PARADISE VALLEY OFFICE

16641 North 40th Street, Suite 1
Phoenix, AZ 85032
*SERVICES: Breast MRI, CT, MRI, Ultrasound,
Vascular Ultrasound*

PARKVALE OFFICE

Parkvale Medical Building
4616 North 51st Avenue, Suite 104
Phoenix, AZ 85031
*SERVICES: Bone Densitometry, CT, Digital Radiography,
Screening Mammography, Ultrasound*

PASEO I OFFICE

Paseo Medical Plaza I
5601 West Eugie Avenue, Suite 102
Glendale, AZ 85304
*SERVICES: Digital Radiography,
Digital Fluoroscopy, Ultrasound*

PASEO II OFFICE

Paseo Medical Plaza II
5605 West Eugie Avenue, Suite 110
Glendale, AZ 85304
*SERVICES: Breast MRI, CT, CTA, Digital Screening
Mammography, MRI, PET/CT, Ultrasound, Vein Lab*

SUNWEST OFFICE

Sunwest Medical Center
5757 West Thunderbird Road, Suite W101
Glendale, AZ 85306
SERVICES: Bone Densitometry, Digital Radiography

SUNWEST BREAST CENTER

Sunwest Medical Center
5757 West Thunderbird Road, Suite W100
Glendale, AZ 85306
*SERVICES: Breast Ultrasound, Interventional Breast Services,
Digital Screening & Diagnostic Mammography*

THUNDERBIRD OFFICE

Thunderbird Medical Plaza II
5310 West Thunderbird Road, Suite 100
Glendale, AZ 85306
SERVICES: Digital Radiography, Ultrasound

BUSINESS OFFICE

2323 West Rose Garden Lane
Phoenix, AZ 85027

CENTRAL SCHEDULING: 623-847-2000

CENTRAL FAX SCHEDULING: 623-847-2001

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