

The Women's Center at Diagnostic Imaging of Salem

With a complete suite of imaging modalities offering the latest technology in women's imaging, our new Women's Center is truly state-of-the-art. Our technology combined with the specialized radiological expertise of Diagnostic Imaging Associates give you a women's health center unequaled in Salem.

The Women's Center offers the complete assortment of breast imaging options, including:

- Full-field Digital Mammography
- Breast Implant MRI
- Breast Ultrasound
- Guided Breast Biopsy
- Breast Cyst Aspiration

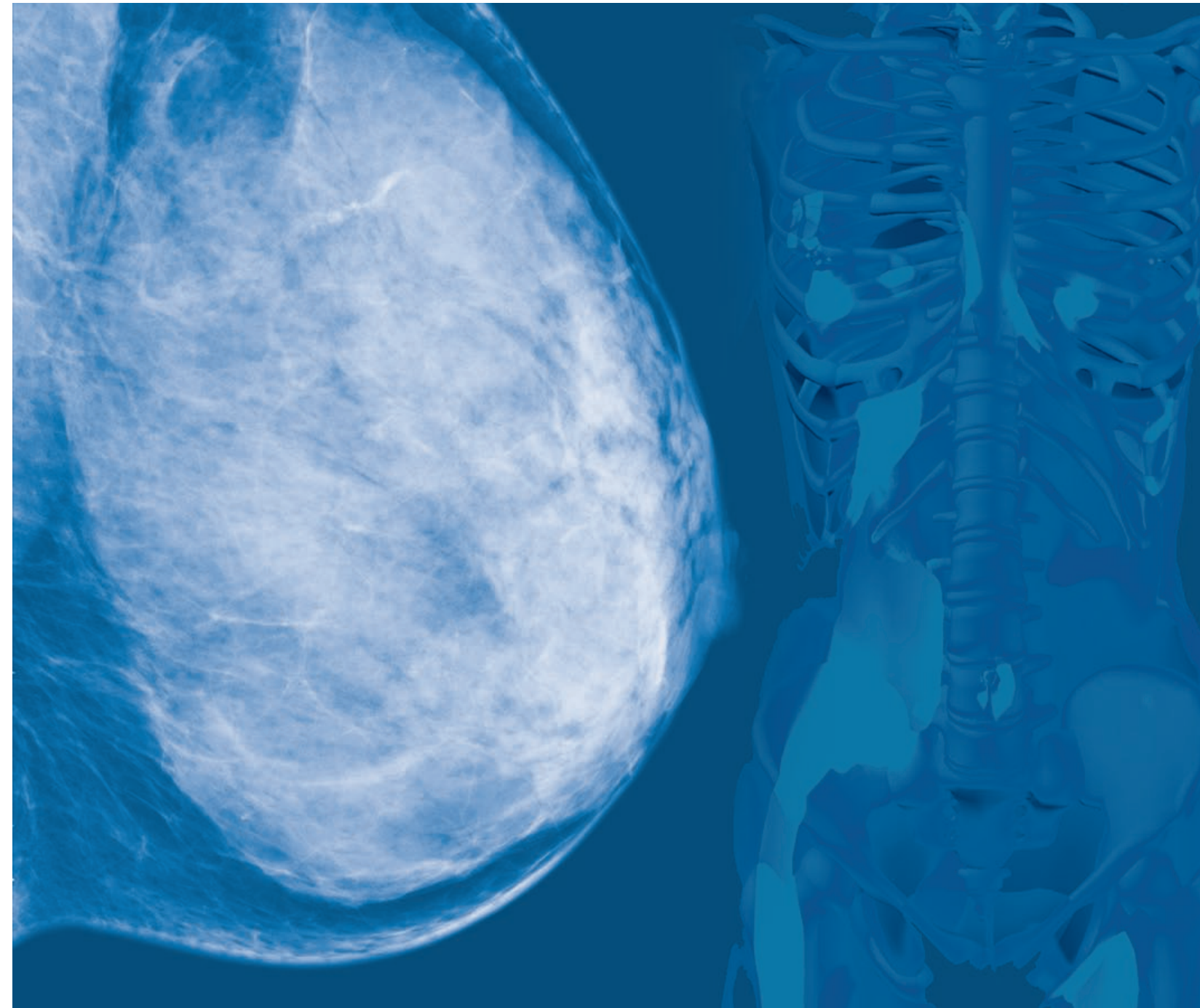
...As well as a host of OB/GYN applications that include:

- Transvaginal Ultrasound
- Sonohysterograms
- Abdominal and Pelvic Imaging
- Obstetrical Ultrasound

Standard turnaround time is 24 hours with fast reports and STAT studies available upon request.

For more information, or to schedule an appointment, please call (503) 588-2674.

State-of-the-art Digital Mammography



Why Digital Mammography?

Our new Lorad Selenia full field digital mammography system from Hologic delivers faster acquisition times, fewer total exposures and less patient discomfort than any other mammography system available. And the power and flexibility of digital mammography lets us find cancers earlier than ever before.

Unlike film-based mammography, the images produced by digital mammograms are available instantaneously—no more waiting for film to develop. Digital mammography reduces the “haze” that can make it difficult to see micro-calcifications and other subtle signs of early cancer. The need for retakes due to over- or under-exposure is also greatly reduced, saving both time and needless radiation exposure. Finally, digital images can be easily stored, copied or transmitted without any loss of detail, eliminating the dependence on a single set of “original” films.

Superior images and tools.

The Lorad Selenia offers the most flexible, interactive tools for our technologists and radiologists. It uses the largest detector available for imaging, which virtually eliminates the need for multiple exposures. The use of selenium-based direct capture technology (see inset) eliminates light diffusion completely for perfect clarity and exquisite image quality. And the High Transmission Cellular (HTC) Grid technology reduces radiation scatter for better contrast.

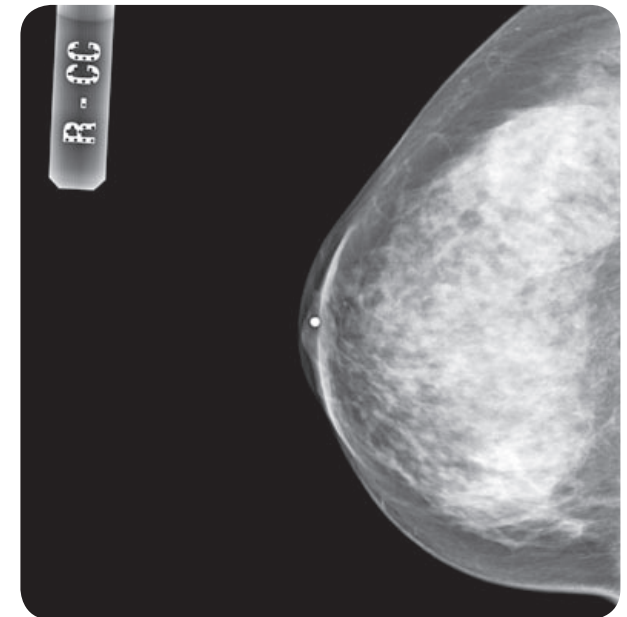
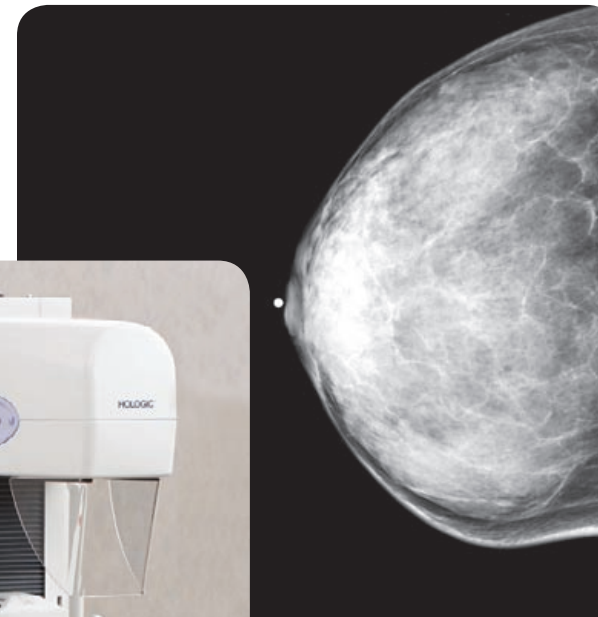
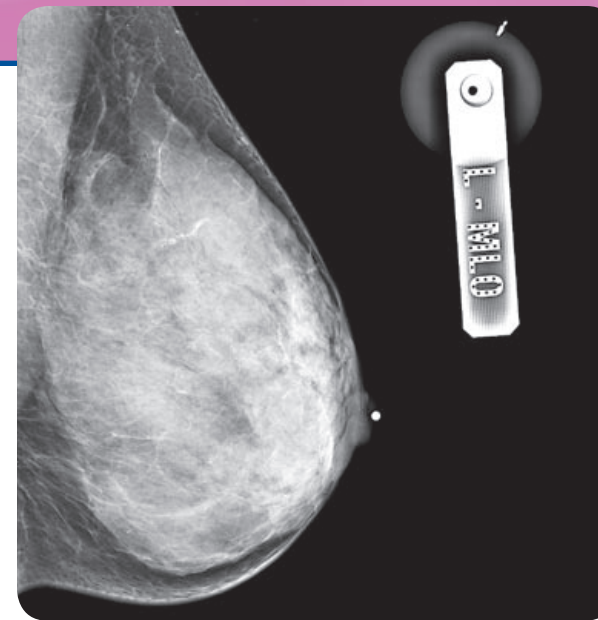
The Selenia image acquisition workstation affords more powerful and intuitive review capabilities, with intelligent processing used to enhance the images. In addition, sophisticated Computer-Aided Detection (CAD) tools enable us to identify suspicious lesions that might otherwise be overlooked, as well as view current and prior mammograms alongside images from MRI, PET and ultrasound with seamless file sharing.

Images can be provided digitally via e-mail or on CD-ROM, or output in the highest quality print format (650 dpi images) via our Kodak DryView Laser Imaging System.

Why Digital Mammography at The Women's Center?

In addition to being the most technologically advanced mammography suite in the Willamette Valley, The Women's Center at Diagnostic Imaging of Salem offers exceptional radiological expertise in the field of women's imaging. Our staff, technologists and doctors are specially trained in performing and interpreting digital mammography studies, and will accommodate STAT studies and rapid report delivery when needed.

You will also find imaging capabilities in breast implant MRI, and breast ultrasound, along with radiologists experienced in these modalities, for the added convenience of your patients.



Women's Center
at **DIAGNOSTIC**
IMAGING of SALEM

The Direct Conversion Advantage

The direct-conversion digital detectors in our Lorad Selenia system represent a significant technological advancement over the indirect conversion detectors used in earlier-generation digital mammography systems. The use of amorphous selenium ensures image sharpness even as the thickness of the photoconductor is increased. As a result, there is no trade-off between spatial resolution and sensitivity, and low radiation exposure is maintained.