



BONE DENSITOMETRY

Bone densitometry is a non-invasive, accurate, inexpensive way of detecting osteoporosis, a disease in which bones become weak. A bone densitometry scan provides early detection by radiographically measuring multiple sites of the body to determine the most appropriate treatments, and estimate fracture risk. In some cases, the bones become so brittle that even mild stresses like bending over, stepping out of the house or coughing can cause a fracture. Osteoporosis does not have to be the debilitating disease that once immobilized and devastated your mother or grandmother. New treatments and early prevention methods enable the building of bone mass.

KATHLEEN HARDIN, MD



Dr. Kathleen Hardin is certified by the American Board of Radiology and specializes in Women's Diagnostics. She completed her diagnostic radiology residency and Women's Imaging fellowship at the University of Texas Southwestern in Dallas.

The Women's Diagnostic Imaging Center at River Region has the equipment and technology necessary to perform procedures that are shaping the future of radiology. In addition, River Region is equipped with radiologists that have extensive training and expertise in the field of women's diagnostics, digital imaging, diagnostic and interventional radiology.



River Region Health System

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WELCOME

Welcome to the Women's Diagnostic Imaging Center at River Region. Here you'll find screening, diagnosis and consultation for all women, with attention to emotional support and education.

The Women's Diagnostic Imaging Center at River Region focuses on prevention and wellness issues that are especially important to women. The Women's Diagnostic Imaging Center offers technologically advanced diagnostic services for mammography, breast ultrasound, stereotactic breast biopsy, ultrasound guided breast biopsy and bone densitometry.

It is important for women to seek out regular mammography diagnostic testing. At best, it gives you piece of mind. At worst, early detection gives you more treatment options. Most experts agree that successful treatment of breast cancer is often linked to early detection and diagnosis.

MAMMOGRAPHY

Mammography is a specific type of imaging that uses a low-dose x-ray system for examination of the breasts. Mammography plays a central part in early detection of breast cancers because it can show changes in the breast up to two years before a patient or physician can feel them. Mammography is used to aid in the diagnosis of breast diseases in women. The Women's Diagnostic Imaging Center at River Region is the first hospital in Mississippi to offer digital mammography.

Our GE Medical Systems Senographe 2000D generates clear, digital images within 10 seconds. Digital mammography is especially useful to women with dense breasts or breast implants. A recent study performed by the American College of Radiology Imaging Network between the United States & Canada validated the increased detection abilities of digital mammography in women under 50, women with heterogeneously or very dense breasts and perimenopausal women.

STEREOTACTIC BIOPSY AND ULTRASOUND GUIDED BREAST BIOPSY

As an alternative to surgical breast biopsy, stereotactic biopsy and ultrasound guided breast biopsy may be performed when an abnormal mammogram is detected. This procedure samples a small area of breast tissue by using a needle under mammographic guidance. Stereotactic breast biopsy provides your surgeon with additional information about the nature of the abnormality and helps the surgeon decide how to accurately manage your problem. While the procedure is simpler than surgical excision, it is not always suitable for all types of abnormalities.

