

Lakeland Offers High Quality and Precision in Bone Densitometry

In the United States, 10 million individuals are estimated to have osteoporosis and almost 34 million more are estimated to have low-bone mass.¹

Lakeland offers high-quality bone densitometry testing with technicians and physicians who are certified by the International Society for Clinical Densitometry. **“Our equipment is state-of-the-art,” said Kent Lancaster, MD, radiologist. “Precision is key in monitoring bone loss and determining a patient’s response to therapy.”** The bone densitometry technology available detects subtle bone changes in a variety of clinical applications, providing advanced hip assessments and dual energy vertebral assessments for evaluation by the clinicians.

“The standard practice for bone densitometry measurement has been to measure only one femur,” said Dr. Lancaster. “Often this is because of the extra time and repositioning of the patient necessary for the measurement of both sides. Our system allows us to automatically measure both femora with only a small increase in the amount of time required for the scan.”

Bone densitometry scans at Lakeland also include a lateral vertebral assessment (LVA). The LVA provides a dual-energy image of the lateral spine, allowing the radiologists to visually assess the presence of vertebral fractures. “An existing vertebral fracture has been shown to double the risk of subsequent fractures,” stated Dr. Lancaster. Vertebral fractures are most common in patients over age 70.

The International Society for Clinical Densitometry recommends that a bone density test be done for:

- All women aged 65 and older.
- All men aged 70 and older.
- Anyone with a fragility fracture.

- Anyone with a disease, condition or medication associated with osteoporosis.
- Anyone who is considering therapy for osteoporosis, if bone density testing would facilitate the decision.
- Women who have been on hormone replacement therapy for prolonged periods.
- Anyone being treated for osteoporosis, to monitor the effects of therapy.

For more information on Lakeland’s bone densitometry testing, contact **Kent Lancaster, MD**, or **Nathan Jordan, MD** at **269-983-8293**.

To schedule a patient for a bone density scan at Lakeland’s Center for Outpatient Services in St. Joseph, call 269-556-2810.

1. “Fast Facts,” National Osteoporosis Foundation <<http://www.nof.org/osteoporosis/diseasefacts.htm>> (16 February 2006)

