

EXAM DATE: Sep-06-2012**Inland Imaging South Cowley - Nuclear Medicine****BONE AND/OR JOINT IMAGING; TOMOGRAPHIC (SPECT)****CLINICAL INFORMATION:**

52-year-old female with chronic lumbar back pain and radiculopathy for greater than 10 years. Evaluate for sacroiliac joint dysfunction.

COMPARISON:

Lumbar MRI 05/16/2012.

PROCEDURE:

Following the intravenous administration of 21 mCi Tc-99m MDP, a SPECT image of the region of interest was acquired after an appropriate delay. Spot planar views of the region of interest were also acquired.

FINDINGS:

Planar Imaging: There are slightly increased tracer activity on the right at the lumbosacral junction. SI joint activity is normal. Normal activity in the ribs, visualized thoracic spine, pelvis, and hips. Bilateral renal activity is noted.

SPECT Imaging: Mildly increased tracer activity is noted on the right at the L5-S1 disc level. Tracer activity elsewhere in the lumbar spine and SI joints is satisfactory.

IMPRESSION:

1. Normal planar and SPECT bone scan of the SI joints.
2. Mild right-sided L5-S1 disc activity consistent with spondylosis and corresponding to MRI findings.
2. Negative planar and SPECT bone scan otherwise.