Case Presentation

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A 65-year-old patient with no relevant clinical history presented with chronic lumbar pain. During anamnesis, the patient manifested pain had increased over time. Physical examination revealed mechanical lumbago with increased pain when the medial line of the thoracolumbar junction was touched. Lumbar spine radiographs and an MRI without contrast were ordered as complementary studies.

FINDINGS AND INTERPRETATION OF IMAGING STUDIES

Radiographic imaging shows an alteration in the structure of the vertebral bodies, characterized by diffuse radiolucency, compatible with a probable decrease in bone density, and a partial collapse of the L1 vertebral body by the superior vertebral endplate. No other relevant signs are observed. Magnetic resonance imaging shows a speckled bone marrow infiltration in all vertebral bodies and the chronic partial collapse of the L1 vertebral body (Figure 1).

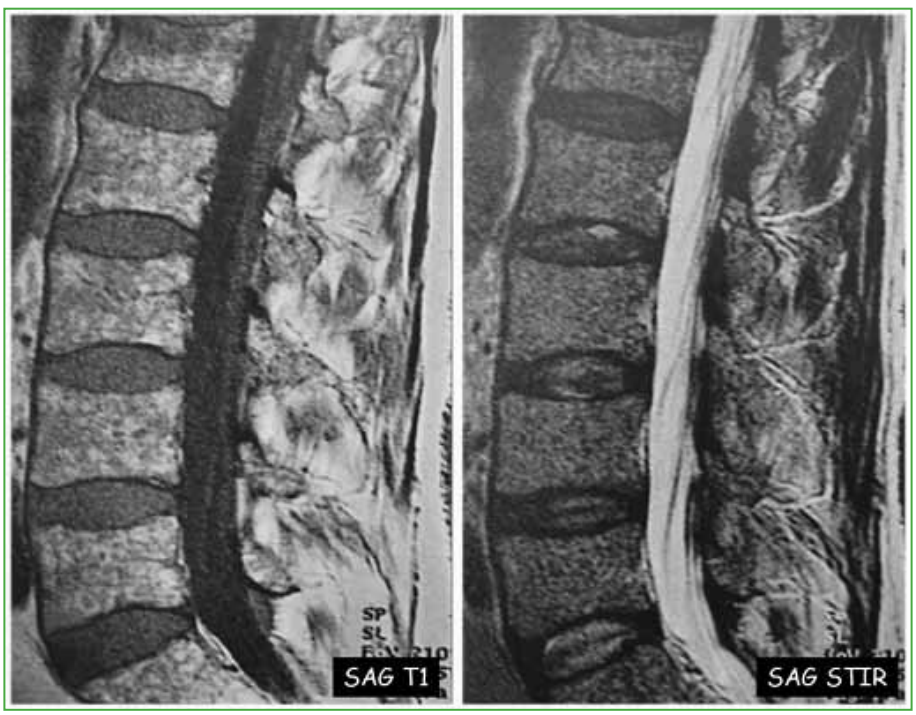

Figure 1. Magnetic resonance, sagittal plane. A low-signal, speckled, patched pattern, secondary to bone marrow infiltration, is observed in all vertebral bodies in T1-weighted and STIR (T2) sequences.

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