

## **Bilateral Lombosciatic Pain Revealing Multiple Myeloma**

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### **ABSTRACT**

**Introduction:** Spinal pain is common in multiple myeloma (MM) and may be the revealing symptom.

**Case report:** A 70-year-old patient was hospitalized for inflammatory bilateral lumbosciatic pain resistant to medical treatment that had been evolving for 3 months with asthenia. The biological tests showed hemoglobin at 13.3 g / 100 ml and a sedimentation rate at 130 mm in the first hour. Lumbar spine X-ray showed signs of osteolytic lesions with vertebral compression. Spinal magnetic resonance imaging showed multifocal bone damage affecting all lumbar vertebrae. Epiduritis was noted in L3 vertebrae, suggesting metastatic lesions. Serum protein electrophoresis (SPE) revealed monoclonal hypergammaglobulinemia at 49.7 g / l. Serum immunofixation showed a monoclonal IgG kappa. The bone marrow confirmed the diagnosis of multiple myeloma (20% abnormal plasma cells). Polychemotherapy was started with improvement in lumbar pain.

**Conclusion:** The diagnosis of MM should be suspected in any patient complaining of fixed back pain, especially if they are associated with sciatic nerve damage.