

# Musculoskeletal diagnosis

**S K Misser, MB ChB, FCRad (D)**

*Lake Smit and Partners, Durban*

## Presentation

A 46-year-old woman presented with progressive back pain and lower limb weakness. The following MRI images were obtained. We invite readers to describe the findings and provide the most appropriate clinical diagnosis. Please submit your response to shalendramisser@hotmail.com before 2 August 2010. The winning respondent will receive a R1000 award from the RSSA. A detailed diagnosis will appear in the next issue of the SAJR.

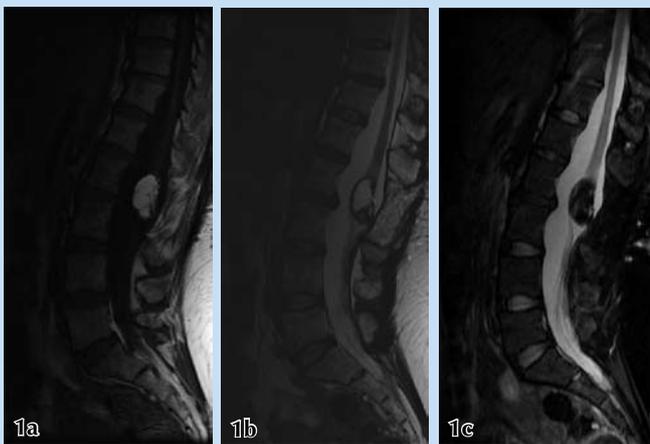


Fig. 1. Unenhanced sagittal MRI with T1-weighted (Fig. 1a), T2-weighted (Fig. 1b) and T2-weighted (Fig. 1c) sequences.

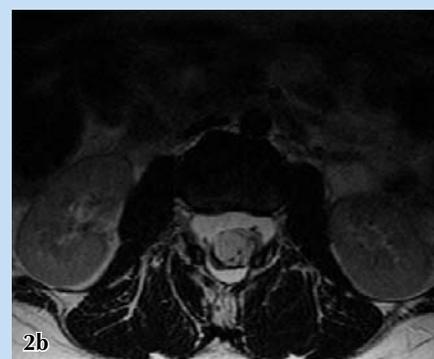
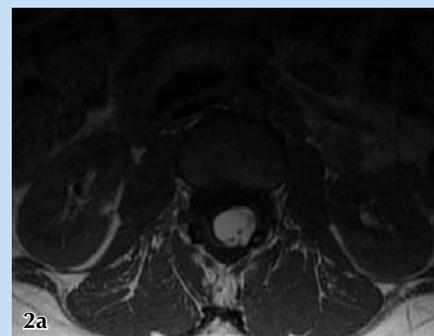


Fig. 2. Unenhanced axial MRI images with T1-weighted (Fig. 2a) and T2-weighted (Fig. 2b) sequences.



Fig. 3. Sagittal fat-suppressed T1-weighted MRI sequences; pre-gadolinium (Fig. 3a) and post-gadolinium (Fig. 3b).