History

A 46-year-old female was referred with a 2-year history of worsening low back pain, with occasional night pain and difficulty walking. On examination she had mild discomfort on palpation over her lower lumbar spine Figs. 1, 2, 3 and 4.

Fig. 1 Lateral radiograph of the lumbar spine
Fig. 2  a Axial and b sagittal CT

Fig. 3  a Sagittal T1W SE MR image b axial T2W FSE and c sagittal STIR MR images

Fig. 4  a Microphotograph (H&E, 5× magnification). b Nuclear immunostain positive for brachyury
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