Chronic low back pain

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Published online: 10 September 2019
© ISS 2019

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

The diagnosis can be found at <https://doi.org/10.1007/s00256-019-03311-z>

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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

Acknowledgements The authors would like to acknowledge the help of Dr. RT, Consultant Histopathologist for providing the histology images.

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Authors Contribution All authors have made substantial contributions to *all four* categories established by the International Committee of Medical Journal Editors.