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1 **Lumbar MRI findings in patients with and without Waddell Signs**

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18

19 **Abstract**

20 *Background Context*

21 Waddell Signs (WS), introduced as a method to establish patients with substantial psychosocial
22 components to their low back pain, carry a negative association despite no literature evaluating
23 whether physical disease is associated with them.

24

25 *Purpose*

26 To compare lumbar MRI findings between the patients with and without Waddell's Signs.

27

28 *Study Design*

29 Retrospective cohort study based on prospectively collected data

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