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25 **BACKGROUND CONTEXT:** The Tethered cord syndrome (TCS)
26 characterized by urination dysfunction has long been a worldwide clinical
27 problem, of which clinical effects remains controversial.

28 **PURPOSE:** To evaluate clinical effects of an innovative surgical method
29 for treatment of TCS.

30 **STUDY DESIGN:** This is a retrospective clinical study.

31 **PATIENT SAMPLE:** There were 15 patients included in this study.

32 **OUTCOME MEASURES:** The visual analog scale (VAS) and the
33 Japanese Orthopaedic Association (JOA) scores were evaluated. The
34 incidence of complications after surgery was also analyzed.

35 **METHODS:** A total of 15 patients including 9 males and 6 females with
36 TCS received the homogeneous spinal-shortening axial decompression
37 (HSAD) from September 2011 to February 2015. The average age at the

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