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Surgical Management of Lumbosacral Giant Invasive Spinal Schwannoma: A Case Report and Literature Review

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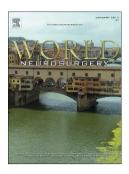
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Surgical Management of Lumbosacral Giant Invasive Spinal Schwannoma: A Case

# Report and Literature Review

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**Key Words:** Giant schwannoma; lumbosacral spine; tumor; operative technique; neurosurgery; allograft, triangular frame reconstruction

#### **Abbreviations:**

GISS: Giant invasive spinal schwannoma

CT: Computed tomography

MRI: Magnetic resonance imaging TFR: Triangular frame reconstruction

NR: Novel reconstruction

BMP-2: Bone morphogenetic protein-2

OP-1: Osteogenic protein-1

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