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Title: Comparison of transforaminal lumbar interbody fusion outcomes in patients receiving rhBMP-2 versus autograft

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1 **Title:** Comparison of Transforaminal Lumbar Interbody Fusion Outcomes in Patients Receiving
2 rhBMP-2 versus Autograft

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24
25 **Abstract**

26 **Background Context:** Recombinant human bone morphogenetic protein 2 (rhBMP-2) plays a
27 pivotal role in complex spine surgery. Despite its limited approval, the off-label use of rhBMP-2
28 is prevalent, particularly in transforaminal lumbar interbody fusions (TLIF)

29 **Purpose:** To determine the effectiveness and safety of rhBMP-2 use in TLIF procedures versus
30 autograft.

31 **Study Design:** Retrospective Cohort Study

32 **Patient Sample:** Patients older than 18 years undergoing spine surgery for lumbar degenerative
33 spine disease at a single academic institution.

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