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**Use of recombinant human bone morphogenetic protein-2 in spine surgery**

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**Abstract**

Bone Morphogenetic Proteins are osteoinductive factors which have gained popularity in orthopaedic surgery and especially in the spine surgery. The use of recombinant human bone morphogenetic protein-2 (rhBMP-2) has been officially approved by the United States Food and Drug Administration only for single level anterior lumbar interbody fusion (ALIF), nevertheless it is widely used by many surgeons with off-label indications. Despite advantages in bone formation, its use still remains a controversial issue and several complications have been described by authors who oppose their wide use.

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