

InFUSE Bone Graft (rhBmp-2) Procedure

Medical Policy

Utilization Management

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I. **DEFINITION:**

Bone grafts may be used in the treatment of delayed fracture unions, in spinal fusions, to bridge major bone defects, or fill cavities created by tumor removal, cysts or other causes. Bone graft material may come from a number of sources: autograft (the individual's own bones), allograft (a bone bank), demineralized bone matrix or bone graft substitutes, such as synthetic materials, ceramics (bone void fillers), collagen composites, composite cement materials, bone morphogenetic protein or recombinant human bone morphogenetic protein.

Bone morphogenetic proteins (BMPs) are naturally occurring proteins found in human bone and play an active role in bone formation. Recombinant human bone morphogenetic proteins rhBMPs serve as alternatives or adjuncts to autologous bone grafts (autografts). They are intended to promote bone formation and enhance fracture healing and may be used in spinal fusion surgery for degenerative disease to promote bone growth that results in fusion.

II. **MEDICARE ADVANTAGE:**

Prior authorization is required through eviCore. To start prior authorization contact eviCore at 888-444-6185 or log on to www.evicore.com.

Note: eviCore policy only addresses the uses of rhBMP-2 or InFUSE in spinal fusion surgeries. All other uses require prior authorization through MyAdvocate Medicare Advantage using the following prior authorization form: [Prior Authorization Request form](#). MyAdvocate Medicare Advantage review is completed with the use of InterQual criteria.

Per Medicare packaging guidelines, this is not a covered service as this is bundled with the surgical procedure.

III. COMMENTS:

[Infuse Bone Graft \(Bmp-2\) Procedure Coding and Packaging Guidelines](#) (For MyAdvocate Medicare Advantage internal use only)

IV. REFERENCES:

Hayes, Inc. Health Technology Assessment. Recombinant Human Bone Morphogenetic Protein For Use In Tibia Repair. <https://evidence.hayesinc.com>. Published Sep 12, 2011. Updated Jul 30, 2015.

Hayes, Inc. Health Technology Assessment. Comparative Effectiveness Review Of Recombinant Human Bone Morphogenetic Protein (RhBMP) For Use In Spinal Fusion. <https://evidence.hayesinc.com>. Published Sep 17, 2018. Oct 11, 2022.

UpToDate. Basic principles of bone grafts and bone substitutes. www.uptodate.com