

HEALTH PLAN POLICY	
Policy Title: Percutaneous Vertebroplasty-Kyphoplasty	Policy Number: MUM60 Revision: New
Department: Medical Management	Sub-Department: Utilization Management
Applies to Product Lines: <input type="checkbox"/> Medicaid <input checked="" type="checkbox"/> USFHP <input type="checkbox"/> Children's Health Insurance Plan <input checked="" type="checkbox"/> Commercial Insured <input checked="" type="checkbox"/> Health Insurance Exchange <input type="checkbox"/> Non Insured Business <input checked="" type="checkbox"/> Medicare	
Origination/Effective Date: 10/09/2019	
Reviewed Date(s):	Revision Date(s):

SCOPE:

This document addresses interventional injection of bone cement into pathologic compression fractures of the cervical, thoracic or lumbar spine to relieve pain, improve mobility and prevent further collapse of bone.

DEFINITIONS AND ACRONYMS:

- **American College of Radiology (ACR)**
- **Kyphoplasty** – Vertebroplasty with use of a balloon preceding injection of bone cement.
- **Pathologic fracture** - A fracture associated with a malignancy of bone or osteoporosis of bone.
- **Society of Interventional Radiology (SIR)**
- **Society of Neurointerventional Surgery (SNIS)**
- **Standardized Therapy** – Bed rest, physical therapy, bisphosphonates, analgesics and/or radiotherapy).

POLICY:

Medical necessity is established when conservative, standardized therapy has been refractory in the treatment of compression fractures of the cervical, thoracic &/or lumbar spine.

In addition, there must be a history of either bony malignancy (metastases or multiple myeloma) or osteoporosis.

Rationale:

Interventional vertebroplasty has been in use since the 1990's. Although initially controversial, the last decade has seen numerous published studies indicating vertebroplasty/kyphoplasty as effective in appropriately selected patients. Multiple professional societies including ACR, SNIS & SIR have all supported this technology.

REFERENCES:

- American College of Radiology 2014 McConnell et al

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RELATED DOCUMENTS:

None



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Chief Executive Officer Health Plans

10/21/19
Date



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10/15/19
Date

REVISION HISTORY:

Revision	Date	Description of Change	Committee
New	10/09/2019	Initial release.	Executive Leadership