

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Management of Vertebral Compression Fractures**

Literature Search Performed on: 05/09/2017

Beginning Date: January 2007

End Date: April 2017

Database: Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) <1946 to Present>

**Search Strategy**

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- 1 Vertebroplasty/ (1622)
- 2 Osteoporotic Fractures/ (3517)
- 3 Pain Measurement/ (74781)
- 4 Fractures, Compression/ (1701)
- 5 Bone Cements/ (10340)
- 6 Pain, Postoperative/ (33039)
- 7 Spinal Fractures/ (12907)
- 8 Pain Management/ (26436)
- 9 Pain/ (125017)
- 10 Surveys.mp. and Questionnaires/ [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (381988)
- 11 1 and 3 and 5 and 7 and 8 and 9 and 10 (1)
- 12 Spinal neoplasm/ (12725)
- 13 Radiosurgery/ (12542)
- 14 Tumor Burden/ (15169)
- 15 4 and 7 and 12 and 13 and 14 (1)
- 16 Spine/ (27664)
- 17 4 and 7 and 12 and 13 and 16 (1)
- 18 Radiation Injuries/ (31689)
- 19 \*Orthopedic Procedures/ (16215)
- 20 Tomography, X-Ray Computed/ (342677)
- 21 Treatment Outcome/ (814399)
- 22 Magnetic Resonance Imaging/ (341000)
- 23 Neoplasm Metastasis/ (94403)
- 24 4 and 7 and 12 and 13 and 21 and 23 (2)
- 25 exp Kyphoplasty/ (609)
- 26 1 and 4 and 7 and 21 and 25 (60)
- 27 stereotactic radiation therapy.mp. (365)
- 28 stereotactic radiosurgery.mp. (5048)
- 29 16 and (1 or 25 or 27 or 28) (216)
- 30 marrow edema.mp. (1096)
- 31 Pain Measurement/ (74781)
- 32 Scoliosis/ (15744)
- 33 Lumbar Vertebrae/ (45848)
- 34 Bone Marrow/ (63903)
- 35 Low Back Pain/ (18284)
- 36 30 and 31 and 32 and 33 and 34 and 35 (2)
- 37 1 and 2 and 4 (167)
- 38 Pain, Postoperative/ (33039)
- 39 1 and 2 and 4 and 5 and 6 and 7 and 31 (1)
- 40 1 and 4 and 7 and 21 and 22 (36)
- 41 7 and 16 and 20 and 30 and 34 (1)

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- 42 Cryosurgery/ (12044)
- 43 \*Neoplasms/dg [Diagnostic Imaging] (3511)
- 44 20 and 22 and 42 and 43 (1)
- 45 1 and 4 and 9 and 21 and 25 (10)
- 46 1 and 4 and 7 and 25 (110)
- 47 1 and 4 and 7 and 9 and 21 (42)
- 48 1 and 2 and 3 and 4 and 5 and 6 and 7 (1)
- 49 11 or 15 or 17 or 24 or 26 or 29 or 36 or 37 or 39 or 40 or 41 or 44 or 45 or 46 or 47 or 48 (478)
- 50 limit 49 to (abstracts and english language and humans and yr="2007 -Current") (379)
- 51 limit 50 to case reports (22)
- 52 50 not 51 (357)
- 53 remove duplicates from 52 (339)

**Summary**

<b>Source</b>	<b>#Unique Refs</b>	<b>#Retained Refs</b>
Old bibliography	74	30
Literature Search(es)	327	36
Author Added	95	87
Supporting Docs	5	4
Total		157

References from the literature search that were not retained had a poor study design, were not relevant to the topic, or had unclear or biased results.