Literature Search

ACR Appropriateness Criteria®

Thoracic Back Pain

Literature Search Performed on: 11/08/2023

Beginning Date: January 1967

End Date: October 2023

Database: Ovid MEDLINE(R) ALL <1946 to November 06, 2023>

Search Strategy

1 Tomography, X-Ray Computed/ and Practice Guidelines as Topic/ and Low Back Pain/ (18)

2 (Spine/ and Radiography*.tw. and Low Back Pain/) or (femur neck and lumbar spine in older adults).tw. (14)

3 Magnetic Resonance Imaging/ and Low Back Pain/ and spine/ (96)

4 Radiculopathy/ and Acute Disease/ and Magnetic Resonance Imaging/ (19)

5 Spinal Neoplasms/ and Lung Neoplasms/ and Magnetic Resonance Imaging/ (104)

6 Bone Neoplasms/ and Neoplasm Metastasis/ and Radiography/ and Lumbar Vertebrae/ (16)

7 Magnetic Resonance Imaging/ and Spinal Diseases/ and Tomography, X-Ray Computed/ and Spinal Fractures/ (27)

8 (Imaging of spinal and metastatic disease).tw. or (Joint Diseases/ and back pain/ and Anesthesia/) (12)

9 (Back Pain/ and Mental Health/ and Pain Measurement/) or (thoracic discs and review of the literature).tw. (13)

10 Intervertebral Disc Displacement/ and Intervertebral Disc/ and Magnetic Resonance Imaging/ and Spinal Diseases/ (70)

11 Intervertebral Disc Displacement/ and Magnetic Resonance Imaging/ and Clinical Protocols/ (5)

12 Bone Diseases, Infectious/ and Diagnosis, Differential/ and Magnetic Resonance Imaging/ (25)

13 (Low Back Pain/ and diagnosis*.tw. and Analgesics, Non-Narcotic/) or (Fractures, Compression/ and Spinal Fractures/ and Spinal Neoplasms/ and Positron-Emission Tomography*.tw.) or (Spinal Nerve Roots*.tw. and Nerve Compression Syndromes/ and Tomography, X-Ray Computed/) or (The pathophysiology and of thoracic disc disease).tw. (9)

14 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 (423)

15 limit 14 to (english language and yr="1967 -Current") (369)

Literature Search Performed on: 02/06/2023

Beginning Date: January 2004

End Date: January 2023

Database: Ovid MEDLINE(R) ALL <1946 to February 03, 2023>

Search Strategy

1 Thoracic pain.mp. or Back Pain/ or spinal fusion/ or thoracic spine/ or bone destruction/ or fracture/ or immunosuppressed/ (50103)

2 limit 1 to (guideline or practice guideline) (49)

3 Spinal Injuries/ and Thoracic Vertebrae/ and Tomography, X-Ray Computed/ (102)

4 (Spinal Fractures/ and Thoracic Vertebrae/ and Trauma Severity Indices/) or (Thoracic Vertebrae/ and spinal injuries/ and diagnostic imaging/) or (Consensus/ and Spinal Neoplasms/ and Joint Instability/) (58)

5 (Magnetic Resonance Imaging/ and Scoliosis/ and Postural Balance/) or (Spinal Neoplasms/ and Joint Instability/) (124)

6 (Lumbar Vertebrae/ and Thoracic Vertebrae/ and spinal fractures/ and diagnostic imaging/) or (Spinal fractures/ and Thoracic Vertebrae/ and Thoracic Injuries/) or (Radiculopathy/ and spinal diseases/ and Thoracic Vertebrae/) (50)

7 (Trauma to the thoracic spine or Thoracic spine trauma or Back Pain with clinical outcomes or Thoracic fractures).tw. (142)

8 Osteoporosis/ and Lumbar Vertebrae/ and Tomography, X-Ray Computed/ (382)

9 2 or 3 or 4 or 5 or 6 or 7 or 8 (890)

10 exp diagnostic imaging/ (2888549)

11 Thoracic Back Pain.tw. (102)

12 10 and 11 (39)

13 9 or 12 (929)

14 guideline/ or practice Guideline/ or Practice Guidelines as Topic/ (163963)

15 Thoracic Vertebrae/ or Spinal Fractures/ (36441)

16 14 and 15 (208)

17 myelopathy/ or (radiculoapthy or instrumentation).tw. (53772)
18 Thoracic back Pain.tw. (102)
19 17 and 18 (8)
20 9 or 12 or 16 or 19 (1131)
21 limit 20 to (abstracts and english language and humans and yr="2004 -Current") (649)
22 limit 21 to "all child (0 to 18 years)" (90)
23 21 not 22 (559)
24 limit 23 to case reports (72)
25 23 not 24 (487)

Summary

Source	#Unique Refs	#Retained Refs
Old bibliography	0	0
Literature Search(es)	854	19
Author Added	12	7
Supporting Docs	3	3
Total		29

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.