

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Nontraumatic Chest Wall Pain**

Literature Search Performed on: 08/14/2020

Beginning Date: January 2012

End Date: July 2020

Database: Ovid MEDLINE(R) ALL <1946 to August 13, 2020>

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**Search Strategy**

- 1 exp diagnostic imaging/ (2640701)
- 2 (Neoplasm Metastasis/ and Breast neoplasms/ and Bone Marrow Cells/) or (Candidiasis/ and Mediastinitis/) (124)
- 3 (Fractures, Bone/ and Bone Neoplasms/ and Bone Diseases/) or (Sternotomy/ and Postoperative Complications/ and Magnetic Resonance Imaging/) (139)
- 4 (Inflammation/ and Infections/ and Radiopharmaceuticals/) or (Inflammation/ and Fever of Unknown Origin/) (184)
- 5 Fever of Unknown Origin/ and Cost-Benefit Analysis/ (18)
- 6 2 or 3 or 4 or 5 (465)
- 7 1 and 6 (249)
- 8 (Osteomyelitis/ and Radionuclide Imaging/ and Radiopharmaceuticals/) or (Bone Neoplasms/ and diagnosis/) or (The role of the three phase bone scintigraphy or bone scintigraphy for diagnosis of bone or metastasis on the ribs of cancer patients).tw. (142)
- 9 7 or 8 (390)
- 10 limit 9 to (abstracts and english language and humans and yr="2012 -2019") (48)
- 11 limit 10 to case reports (6)
- 12 10 not 11 (42)

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Literature Search Performed on: 01/15/2020

Beginning Date: January 2010

End Date: December 2019

Database: Ovid MEDLINE(R) ALL <1946 to January 14, 2020>

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**Search Strategy**

- 1 Chest Pain/di and (Musculoskeletal Diseases/ or Thoracic wall/ or Thoracic neoplasms/) (48)
- 2 (Soft Tissue Infections/di and Arthritis, Infectious/di) or (Osteomyelitis/di and Abscess/di and Soft Tissue Infections/di) or (Fasciitis, Necrotizing/di and Bacterial Infections/di) (55)
- 3 (Pain, Intractable/ and Pain Management/ and Palliative Care/) or (Pain, Postoperative/ and chronic disease/ and preoperative care/) (67)
- 4 (Thoracic diseases/ and biopsy/) or chest pain/ or (Thoracic injuries/ and rib fractures/) or (Thoracic wall/ and Thoracic neoplasms/) or (Spondylarthritis/ and radiography/ and Thoracic Wall/) (14172)
- 5 (Sternum/ and Sternotomy/ and Pain, Postoperative/) or (Surgical Wound Infection/ and Cardiac Surgical Procedures/ and Hospital Mortality/) or (Osteomyelitis/ and Staphylococcal Infections/ and Crohn Disease/) (51)
- 6 (Surgical Wound Dehiscence/ and Cardiac Surgical Procedures/ and Thoracotomy/) or (Radiation injuries/ and (thoracic diseases/ or thoracic wall/)) (131)
- 7 exp Diagnostic Imaging/ and (3 or 4 or 5 or 6) (5415)
- 8 1 or 2 (103)
- 9 7 or 8 (5508)
- 10 limit 9 to (abstracts and english language and humans and yr="2010 -Current") (1628)
- 11 limit 10 to case reports (750)
- 12 10 not 11 (878)
- 13 (infection of the chest wall or Osteoradionecrosis of the Ribs or Bone scan findings of chest wall pain or evaluation of costal cartilage or Thoracic Manifestations of Ankylosing Spondylitis or Sternal wound infections following cardiac surgery).tw. (41)
- 14 12 or 13 (919)

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**Summary**

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<b>Source</b>	<b>#Unique Refs</b>	<b>#Retained Refs</b>
Old bibliography	0	0
Literature Search(es)	957	68
Author Added	15	12
Supporting Docs	2	2
Total		82

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.

7 of the author added references were outside the search date range.