Literature Search

ACR Appropriateness Criteria®

Suspected Primary Bone Tumors

Literature Search Performed on: 01/14/2024

Beginning Date: January 2016

End Date: December 2023

Database: Ovid MEDLINE(R) ALL <1946 to January 12, 2024>

Search Strategy

1 Bone Neoplasms/ and exp diagnostic imaging/ and (Osteoblastic Metastases or Chondrosarcoma or Osteosarcoma or Sarcomas or Enchondroma or Osteoma or Osseous Metastases).ti. (3105)

2 Sarcoma.kf. and Primary Bone Tumors.ti. (16)

3 bone cysts/ and ((MR or MRI or resonance) and (aneurysmal and bone cyst*)).ti. (14)

4 (Virtual and Non Contrast and CT).ti. (52)

5 (Dual Energy and CT and Arthrography).ti. (7)

6 1 or 2 or 3 or 4 or 5 (3192)

7 limit 6 to (abstracts and english language and yr="2016 -Current") (532)

8 limit 7 to (autobiography or bibliography or biography or case reports or dataset or dictionary or festschrift or news or newspaper article) (161)

9 7 not 8 (371)

10 limit 9 to (children or children-focused) [Limit not valid in Ovid MEDLINE(R); records were retained] (153)

11 limit 10 to "all adult (19 plus years)" (105)

12 (9 not 10) or 11 (323)

Literature Search Performed on: 03/20/2023

Beginning Date: January 2019

End Date: February 2023

Database: Ovid MEDLINE(R) ALL <1946 to February 28, 2023>

Search Strategy

1 Chondroblastoma/ or Chondroma/ or Chondrosarcoma/ or Fibroma, Ossifying/ or Giant Cell Tumor of Bone/ or Osteochondroma/ or Osteoblastoma/ or Osteoma/ or Osteoma, Osteoid/ or exp Bone Neoplasms/ or exp Osteosarcoma/ or Bone Cysts/ or Ewing Sarcoma/ (156342)

2 exp *diagnostic imaging/ and 1 (10464)

3 2 or Chondroblastoma/dg or Chondroma/dg or Chondrosarcoma/dg or Fibroma, Ossifying/dg or Giant Cell Tumor of Bone/dg or Osteochondroma/dg or Osteoblastoma/dg or Osteoma/dg or Osteoma, Osteoid/dg or exp Bone Neoplasms/dg or exp Osteosarcoma/dg or Bone Cysts/dg or Ewing Sarcoma/dg (33266)

4 3 not (Bone Neoplasms/sc or neoplasms/ or exp abdominal neoplasms/ or exp anal gland neoplasms/ or exp breast neoplasms/ or exp digestive system neoplasms/ or exp endocrine gland neoplasms/ or exp eye neoplasms/ or exp "head and neck neoplasms"/ or exp hematologic neoplasms/ or exp mammary neoplasms, animal/ or exp nervous system neoplasms/ or exp pelvic neoplasms/ or exp skin neoplasms/ or exp splenic neoplasms/ or exp thoracic neoplasms/ or exp urogenital neoplasms/) (18711)

5 limit 4 to (abstracts and english language and humans and yr="2019 -Current") (1532)

6 limit 5 to animals (32)

7 5 not 6 (1500)

8 limit 7 to case reports (563)

9 7 not 8 (937)

10 remove duplicates from 9 (936)

11 10 not (rt or su).fs. (476)

12 (rt or su).fs. and 10 (460)

13 12 and (preoperative or imaging or diagnos*).ti. (51)

14 11 or 13 (527)

Summary

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Source	#Unique Refs	#Retained Refs
Old bibliography	51	50
Literature Search(es)	780	5
Author Added	6	4
Supporting Docs	2	1
Total		60

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.