Literature Search Performed on: 11/30/2021  
Beginning Date: January 2005  
End Date: October 2021  
Database: Ovid MEDLINE(R) ALL <1946 to November 29, 2021>

Search Strategy
1  (Femoracetabular Impingement/dg or Femor?acetabular Impingement.kw.) and (cam morphology.tw. or guideline*.af.) (111)  
2  Acetabulum/dg and Pelvis/dg and dysplasia.af. (23)  
3  1 or 2 (134)  
4  limit 3 to yr="2005 -Current" (128)

Literature Search Performed on: 08/02/2021  
Beginning Date: January 2010  
End Date: July 2021  
Database: Ovid MEDLINE(R) ALL <1946 to July 30, 2021>

Search Strategy
1  Bone Neoplasms/ and Magnetic Resonance Imaging/ and Pelvic Neoplasms/ and Soft Tissue Neoplasms/ (8)  
2  Magnetic Resonance Imaging/ and Hip Joint/ and Injections, Intra-Articular/ and Athletic Injuries/ (1)  
3  Magnetic Resonance Imaging/ and Acetabulum/ and (Hip Injuries/ or Hip Joint/) (303)  
4  Magnetic Resonance Imaging/ and Femoracetabular Impingement/ and (Hip Joint/ or Hip Injuries/ or Acetabulum/) (199)  
5  (SNMMI and bone scintigraphy).tw. (3)  
6  Joint Diseases/ and Tomography, Emission-Computed, Single-Photon/ (29)  
7  (femoral antetorsion and magnetic resonance).tw. (11)  
8  or/1-7 (495)  
9  limit 8 to (english language and yr="2010 -Current") (334)  
10  limit 9 to case reports (28)  
11  9 not 10 (306)

Literature Search Performed on: 06/03/2021  
Beginning Date: January 2014  
End Date: May 2021  
Database: Ovid MEDLINE(R) ALL <1946 to June 02, 2021>

Search Strategy
1  Bone Neoplasms/ (64711)  
2  Positron-Emission Tomography/ or Positron Emission Tomography Computed Tomography/ (66232)  
3  1 and 2 (1552)  
4  limit 3 to (abstracts and english language) (1234)  
5  limit 4 to case reports (373)  
6  4 not 5 (861)  
7  limit 6 to animals (55)  
8  6 not 7 (806)  
9  limit 8 to yr="2014 -Current" (478)

Literature Search Performed on: 05/24/2021  
Beginning Date: January 2018
End Date: April 2021
Database: Ovid MEDLINE(R) ALL <1946 to May 21, 2021>

**Search Strategy**

1 "Osteoid osteoma".tw. (2377)
2 "hip".tw. (146303)
3 1 and 2 (127)
4 limit 3 to (abstracts and english language and yr="2018 -Current") (14)
5 limit 4 to case reports (5)
6 4 not 5 (9)

*Literature Search Performed on: 10/19/2020
Beginning Date: January 2015
End Date: September 2020
Database: Ovid MEDLINE(R) ALL <1946 to October 13, 2020>*

**Search Strategy**

1 exp diagnostic imaging/ (2655662)
2 Hip/ or Hip Joint/ or Acetabulum/ or Femur Head/ (52095)
3 *Osteonecrosis/ or *Osteoma, Osteoid/ or *Synovitis, Pigmented Villonodular/ or *Osteochondromatosis/ or
 *Tendinopathy/ or *Pain/ or *chronic pain/ or *Bone Neoplasms/ or *Soft Tissue Neoplasms/ or *Athletic Injuries/ or
 *Bursitis/ or *Arthritis/ or *Cartilage, Articular/ or *Bursa, Synovial/ or *Arthritis, Rheumatoid/ or *Giant Cell Tumors/
 or *Neoplasms/ or *Infections/ or *Osteoarthritis/ or *Chronic Disease/ (721465)
4 (labr$ tear or tendonitis or impingement or articular cartilage or osteochondromatosis or pigmented villonodular
 synovitis or osteochondromatosis or synovial hyperplasia or inflammatory arthritis or infection* or hip pain or chronic hip
 pain or hip pathology).kw. (33143)
5 3 or 4 (749411)
6 1 and 2 and 5 (2703)
7 Hip/dg or Hip Joint/dg or Acetabulum/dg or Femur Head/dg (14113)
8 7 and (labr$ tear or tendonitis or synovial hyperplasia or inflammatory arthritis or infection* or hip pain or chronic hip
 pain or hip pathology).tw. (1492)
9 *Femoracetabular Impingement/dg or *Hip Injuries/dg or *Osteoarthritis, Hip/dg (732)
10 6 or 8 or 9 (4528)
11 limit 10 to (abstracts and english language and humans and yr="2015 -Current") (851)
12 limit 11 to case reports (114)
13 11 not 12 (737)

**Summary**

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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.