

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Acute Elbow and Forearm Pain**

Literature Search Performed on: 04/17/2023  
Beginning Date: January 2010  
End Date: March 2023  
Database: Ovid MEDLINE(R) ALL <1946 to April 14, 2023>

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**Search Strategy**

- 1 "Collateral Ligament, Ulnar"/ (316)
- 2 (Ultrasound or Ultrasonography).tw. (379258)
- 3 collateral ligament injur\*.tw. (753)
- 4 2 and 3 (51)
- 5 limit 4 to (abstracts and english language and yr="2010 -Current") (38)

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**Search Strategy**

- 1 (Ultrasound or Ultrasonograph\*).tw. (392822)
- 2 (Elbow and (Ligament Injur\* or tendinopath\*)).tw. (703)
- 3 epicondylitis.tw. (1801)
- 4 1 and (2 or 3) (272)
- 5 limit 4 to (abstracts and english language and yr="2010 -Current") (199)
- 6 limit 5 to case reports (20)
- 7 5 not 6 (179)

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Literature Search Performed on: 02/10/2023  
Beginning Date: January 2010  
End Date: January 2023  
Database: Ovid MEDLINE(R) ALL <1946 to February 09, 2023>

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**Search Strategy**

- 1 (\*Elbow/ or \*Elbow Joint/) and Tendon Injuries/ (340)
- 2 exp diagnostic imaging/ or dg.fs. (3020750)
- 3 1 and 2 (141)
- 4 3 (141)
- 5 limit 4 to yr="2010 -Current" (69)
- 6 limit 5 to case reports (14)
- 7 5 not 6 (55)
- 8 limit 7 to (english language and humans) (49)

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Literature Search Performed on: 02/06/2023  
Beginning Date: January 2000  
End Date: January 2023  
Database: Ovid MEDLINE(R) ALL <1946 to February 03, 2023>

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**Search Strategy**

- 1 Magnetic Resonance Imaging/ (466130)
- 2 (Rupture/ or \*elbow/) and \*Tendon Injuries/ and distal biceps.tw. (347)

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- 3 1 and 2 (56)
- 4 Collateral Ligaments/ and \*Elbow joint/ and Radius Fractures/ (58)
- 5 \*Elbow joint/ and Radius Fractures/ and Fractures, Closed/ (14)
- 6 3 or 4 or 5 (127)
- 7 limit 6 to yr="2000 -Current" (108)
- 8 limit 7 to case reports (26)
- 9 7 not 8 (82)
- 10 limit 9 to (english language and humans) (73)
- 11 exp diagnostic imaging/ or dg.fs. (3019290)
- 12 10 and 11 (51)

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Literature Search Performed on: 10/17/2022

Beginning Date: January 2016

End Date: September 2022

Database: Ovid MEDLINE(R) ALL <1946 to October 14, 2022>

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**Search Strategy**

- 1 elbow/ or elbow joint/ (19955)
- 2 Joint Dislocations/ or Fractures, Bone/ or Ligaments, Articular/ or Soft Tissue Injuries/ or Tendon Injuries/ or Athletic Injuries/ or Joint Instability/ or Rupture/ or "Sprains and Strains"/ or Pain/ or COLLATERAL LIGAMENTS/ or Collateral Ligament, Ulnar/ or exp Fracture Dislocation/ or Compartment Syndromes/ (335766)
- 3 1 and 2 (5793)
- 4 Forearm Injuries/ and (elbow/ or elbow joint/) (216)
- 5 elbow/in or elbow joint/in or forearm/in (5330)
- 6 forearm/ (18607)
- 7 Joint Dislocations/ or Ligaments, Articular/ or Soft Tissue Injuries/ or Tendon Injuries/ or Athletic Injuries/ or Joint Instability/ or Rupture/ or "Sprains and Strains"/ or Pain/ or COLLATERAL LIGAMENTS/ or Collateral Ligament, Ulnar/ or exp Fracture Dislocation/ or Compartment Syndromes/ (276709)
- 8 6 and 7 (1115)
- 9 exp diagnostic imaging/ or dg.fs. (2991983)
- 10 3 or 4 or 5 or 8 (8865)
- 11 9 and 10 (3227)
- 12 limit 11 to (abstracts and english language and humans and yr="2016 -Current") (656)
- 13 limit 12 to animals (1)
- 14 12 not 13 (655)
- 15 limit 14 to case reports (158)
- 16 14 not 15 (497)
- 17 limit 16 to "all adult (19 plus years)" (220)
- 18 limit 16 to "all child (0 to 18 years)" (199)
- 19 (16 not (17 or 18)) or 17 (362)
- 20 19 and su.fs. and (imaging.tw. or Joint Dislocations/dg or Fractures, Bone/ or Ligaments, Articular/dg or Soft Tissue Injuries/dg or Tendon Injuries/dg or Athletic Injuries/dg or Joint Instability/dg or Rupture/dg or "Sprains and Strains"/dg or Pain/dg or COLLATERAL LIGAMENTS/dg or Collateral Ligament, Ulnar/dg or exp Fracture Dislocation/dg or Compartment Syndromes/dg) (115)
- 21 20 not (treat\* or surger\* or fixation or repair or stabilizer).ti. (77)
- 22 19 not su.fs. (140)
- 23 21 or 22 (217)

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**Summary**

**Literature Search**  
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<b>Source</b>	<b>#Unique Refs</b>	<b>#Retained Refs</b>
Old bibliography	0	0
Literature Search(es)	482	40
Author Added	6	3
Supporting Docs	3	3
Total		46

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.