

Literature Search
ACR Appropriateness Criteria®
Blunt Chest Trauma-Suspected Cardiac Injury

Literature Search Performed on: 07/25/2019

Beginning Date: January 2018

End Date: June 2019

Database: Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily <1946 to July 23, 2019>

Search Strategy

- 1 Thoracic Injuries/ or Heart Injuries/ or flail chest/ or chest trauma/ or myocardial injuries/ or pericardial trauma/ or cardiac trauma/ (18490)
 - 2 Multiple trauma/ or severe blunt trauma/ (12402)
 - 3 cardiac/ or heart/ (143666)
 - 4 2 and 3 (12)
 - 5 Aorta, Thoracic/ (33533)
 - 6 "Wounds and Injuries"/ or Wounds, Nonpenetrating/ or Contusions/ (98914)
 - 7 (1 or 4 or 5) and 6 (5811)
 - 8 exp Diagnostic Imaging/ (2543752)
 - 9 Cardiac-Gated Imaging Techniques/ (1284)
 - 10 7 and (8 or 9) (2168)
 - 11 limit 10 to (abstracts and english language and humans and yr="2018 -Current") (61)
 - 12 limit 11 to "all child (0 to 18 years)" (17)
 - 13 11 not 12 (44)
 - 14 remove duplicates from 13 (44)
 - 15 WOUNDS, PENETRATING/ (11422)
 - 16 14 not 15 (43)
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Literature Search Performed on: 11/15/2018

Beginning Date: January 2018

End Date: October 2018

Database: Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily <1946 to November 14, 2018>

Search Strategy

- 1 Thoracic Injuries/ or Heart Injuries/ or flail chest/ or chest trauma/ or myocardial injuries/ or pericardial trauma/ or cardiac trauma/ (18144)
 - 2 Multiple trauma/ or severe blunt trauma/ (12182)
 - 3 cardiac/ or heart/ (141734)
 - 4 2 and 3 (12)
 - 5 Aorta, Thoracic/ (32918)
 - 6 "Wounds and Injuries"/ or Wounds, Nonpenetrating/ or Contusions/ (96827)
 - 7 (1 or 4 or 5) and 6 (5710)
 - 8 exp Diagnostic Imaging/ (2474834)
 - 9 Cardiac-Gated Imaging Techniques/ (1229)
 - 10 7 and (8 or 9) (2125)
 - 11 limit 10 to (abstracts and english language and humans and yr="2018 -Current") (28)
 - 12 limit 11 to "all child (0 to 18 years)" (10)
 - 13 11 not 12 (18)
 - 14 remove duplicates from 13 (18)
 - 15 WOUNDS, PENETRATING/ (11239)
 - 16 14 not 15 (17)
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Literature Search
ACR Appropriateness Criteria®
Blunt Chest Trauma-Suspected Cardiac Injury

Literature Search Performed on: 07/17/2018

Beginning Date: January 2013

End Date: June 2018

Database: Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, and Daily <1946 to July 16, 2018>

Search Strategy

- 1 Thoracic Injuries/ or Heart Injuries/ or flail chest/ or chest trauma/ or myocardial injuries/ or pericardial trauma/ or cardiac trauma/ (17952)
- 2 Multiple trauma/ or severe blunt trauma/ (12013)
- 3 cardiac/ or heart/ (140769)
- 4 2 and 3 (12)
- 5 Aorta, Thoracic/ (32524)
- 6 "Wounds and Injuries"/ or Wounds, Nonpenetrating/ or Contusions/ (95745)
- 7 (1 or 4 or 5) and 6 (5649)
- 8 exp Diagnostic Imaging/ (2440076)
- 9 Cardiac-Gated Imaging Techniques/ (1190)
- 10 7 and (8 or 9) (2096)
- 11 limit 10 to (abstracts and english language and humans and yr="2013 -Current") (236)
- 12 limit 11 to "all child (0 to 18 years)" (66)
- 13 11 not 12 (170)
- 14 remove duplicates from 13 (170)
- 15 WOUNDS, PENETRATING/ (11157)
- 16 14 not 15 (165)

Literature Search Performed on: 06/14/2018

Beginning Date: January 2013

End Date: May 2018

Database: Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) <1946 to Present>

Search Strategy

- 1 Thoracic Injuries/ or Heart Injuries/ or flail chest/ or chest trauma/ or myocardial injuries/ or pericardial trauma/ or cardiac trauma/ (17940)
- 2 Multiple trauma/ or severe blunt trauma/ (12004)
- 3 cardiac/ or heart/ (140755)
- 4 2 and 3 (12)
- 5 Aorta, Thoracic/ (32480)
- 6 "Wounds and Injuries"/ or Wounds, Nonpenetrating/ or Contusions/ (95759)
- 7 (1 or 4 or 5) and 6 (5643)
- 8 exp Diagnostic Imaging/ (2439501)
- 9 Cardiac-Gated Imaging Techniques/ (1188)
- 10 7 and (8 or 9) (2091)
- 11 limit 10 to (abstracts and english language and humans and yr="2013 -Current") (230)
- 12 limit 11 to "all child (0 to 18 years)" (61)
- 13 11 not 12 (169)
- 14 remove duplicates from 13 (168)
- 15 WOUNDS, PENETRATING/ (11155)
- 16 14 not 15 (163)

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Summary

Source	#Unique Refs	#Retained Refs
Old bibliography	51	21
Literature Search(es)	206	30
Author Added	28	20
Supporting Docs	3	3
Total		74

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.