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)

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)

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.