Literature Search

ACR Appropriateness Criteria®

Head Trauma

Literature Search Performed on: 10/30/2019

Beginning Date: January 2014

End Date: September 2019

Database: Ovid MEDLINE(R) ALL <1946 to October 29, 2019>

Search Strategy

1 exp Diagnostic Imaging/ (2571368)

2 craniocerebral trauma/ or head injuries, closed/ or head injuries, penetrating/ or skull fractures/ or Intracranial Hemorrhage, Traumatic/ (34504)

3 1 and 2 (9263)

4 limit 3 to (guideline adherence or practice guidelines or clinical protocols or guideline or meta analysis or guidelines) [Limit not valid in Ovid MEDLINE(R),Ovid MEDLINE(R) Daily Update,Ovid MEDLINE(R) In-Process,Ovid MEDLINE(R) Publisher; records were eliminated] (28)

5 limit 3 to "all child (0 to 18 years)" (4057)

6 3 not 5 (5206)

7 4 or 6 (5221)

8 limit 7 to (abstracts and english language and humans and yr="2014 -Current") (481)

9 (Brain Injuries, Traumatic/ and Glasgow Coma Scale/ and Glial Fibrillary Acidic Protein/) or (Glasgow Coma Scale/ and Craniocerebral Trauma/ and Guideline Adherence/) or (Electroencephalography/ and Brain injuries/ and Neuroimaging/ and Magnetic Resonance Imaging/) or (Brain/ and Brain Injuries/ and Practice Guidelines as Topic/) or (Predictive Value of Tests/ and Brain injuries, traumatic/ and Tomography, X-Ray Computed/) (59)

10 (Brain Injuries, Traumatic/ and Decision Support Techniques/) or (Brain Injuries/ and Brain Injuries/ and neck/) or (Brain Injuries/ and Practice Guidelines as Topic/ and Magnetic Resonance Imaging/) or (Glasgow Coma Scale/ and Craniocerebral Trauma/ and Decision Support Systems, Clinical/) or (Craniocerebral Trauma/ and Decision Support Techniques/ and Diagnosis, Differential/) or (Vascular System Injuries/ and Brain injuries/ and Cerebrovascular Circulation/) (76)

11 (MRI abnormalities in patients or Functional Connectivity in Traumatic Brain Injury or neurosurgical intervention in mild traumatic brain injury).tw. (33)

12 ((Clinical Decision Rules PECARN and CATCH) or predictive tools for paediatric head injury or research network head trauma decision rules or Indications for CT scanning in mild traumatic brain injury or CT scanning in mild traumatic brain injury).tw. (5)

13 (Adapting the Canadian CT head rule age criteria for mild traumatic brain injury or Traumatic Cerebrospinal Fluid Leak or Traumatic Brain Injury Biomarkers or Cost-Effectiveness of Biomarker or Outcomes in mild traumatic brain).tw. (37)

14 8 or 9 or 10 or 11 or 12 or 13 (686)

15 limit 14 to case reports (198)

16 14 not 15 (488)

Summary

Source	#Unique Refs	#Retained Refs
Old bibliography	64	31
Literature Search(es)	479	2
Author Added	6	1
Supporting Docs	4	4
Total		38

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.