Literature Search

ACR Appropriateness Criteria®

Altered Mental Status, Coma, Delirium, and Psychosis

Literature Search Performed on: 12/07/2022

Beginning Date: January 2006

End Date: November 2022

Database: Ovid MEDLINE(R) ALL <1946 to December 06, 2022>

Search Strategy

1 (Mental Disorders/ and Tomography, X-Ray Computed/) or Emergency Department Patients with Delirium.tw. (367)

2 (Brain Diseases/ and Confusion/ and Neuroimaging/) or (Neuroimaging in the Acute Psychiatric or Treatment of altered mental status or patients with altered mental status).tw. (173)

3 (Mental Disorders/ and Emergency Treatment/ and Emergency Service, Hospital/) or (Brain/ and Psychotic Disorders/ and Tomography, Emission-Computed/) (46)

4 (Brain damage,chronic/ and Psychotic Disorders/ and Tomography, X-Ray Computed/) or (Psychotic Disorders/ and Depressive Disorder, Major/ and Schizophrenia/ and mass screening/) (15)

5 1 or 2 or 3 or 4 (599)

6 limit 5 to yr="2006 -Current" (271)

7 (Tomography, X-Ray Computed/ or Emergency Service, Hospital/ or Hospitalization/ or Neuroimaging/ or Diagnostic imaging/ or exp diagnostic imaging/) and Delirium/ (1397)

8 Emergency Service, Hospital/ and Altered mental status.mp. (329)

9 (Neuroimaging/ and Brain diseases/ and confusion/) or (Brain/ and Consciousness Disorders/ and seizures/) or (Neuroimaging/ and Brain/ and Electroencephalography/ and Brain Waves/) (42)

10 (Delirium/ and Brain diseases/ and confusion/) or (Head/ and confusion/) or ((Tomography, X-Ray Computed/ or Delirium/) and (Brain diseases/ and Brain/ and confusion/)) (14)

11 (Confusion/ or stupor/ or (obtunded or unresponsive).mp.) and (Tomography, X-Ray Computed/ or Emergency Service, Hospital/ or Hospitalization/ or Neuroimaging/ or Diagnostic imaging/) (1115)

12 (psychotic disorders/ and Brain diseases/ and Brain/) or (Mental Status Schedule/ and Delirium/) (317)

13 7 or 8 or 9 or 10 or 11 or 12 (3078)

14 limit 13 to yr="2017 -Current" (964)

15 6 or 14 (1227)

16 limit 15 to (abstracts and english language and humans) (995)

17 limit 16 to "all child (0 to 18 years)" (164)

18 16 not 17 (831)

19 limit 18 to case reports (147)

20 18 not 19 (684)

21 Psychosis/ or Mental Disorders/ or Acute liver failure/ or Encephalopathy/ or Acute kidney injury/ or Acute liver failure/ or Encephalopathy/ or Fever/ or Septic shock/ or Brain neoplasms/ or Intracranial hemorrhage/ or Intracranial hypertension/ or Coma/ or Delirium/ (550205)

22 limit 21 to (guideline or practice guideline) (701)

23 limit 22 to (abstracts and english language and humans and yr="2017 -Current") (112)

24 limit 23 to "all child (0 to 18 years)" (20)

25 23 not 24 (92)

26 20 or 25 (775)

Summary

Source	#Unique Refs	#Retained Refs
Old bibliography	53	40
Literature Search(es)	767	0
Author Added	5	1
Supporting Docs	5	4
Total		45

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.