

Literature Search
ACR Appropriateness Criteria®
Acute Mental Status Change, Delirium, and New Onset
Psychosis

Literature Search Performed on: 03/14/2018

Beginning Date: January 2007

End Date: February 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 Mental Disorders/ and Emergency Treatment/ and Emergency Service, Hospital/ (14)
- 2 Psychotic Disorders/ and Magnetic Resonance Imaging/ and Neurocognitive Disorders/ (16)
- 3 Brain damage,chronic/ and Psychotic Disorders/ and Tomography, X-Ray Computed/ (8)
- 4 Brain/ and Psychotic Disorders/ and Tomography, Emission-Computed/ (28)
- 5 (Altered mental status and Assessment and Clinical feature and Demographic characteristics).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (1)
- 6 Brain/ and Contrast Media/ and Image Enhancement/ and Magnetic Resonance Imaging/ and Image Processing, Computer-Assisted/ and Pulsatile Flow/ (1)
- 7 Primary Health Care/ and Psychotic Disorders/ and Diagnosis, Differential/ (11)
- 8 Bipolar Disorder/ and Psychotic Disorders/ and Depressive Disorder, Major/ and Schizophrenia/ and mass screening/ (5)
- 9 2 or 3 or 4 or 5 or 6 or 7 or 8 (69)
- 10 limit 1 to (english language and humans and yr="2007 -Current") (4)
- 11 limit 9 to (abstracts and english language and humans and yr="2007 -Current") (15)
- 12 10 or 11 (19)
- 13 Child Development Disorders, Pervasive/ and brain/ and Psychotic Disorders/ (5)
- 14 limit 12 to case reports (2)
- 15 12 not 14 (17)
- 16 13 or 15 (22)
- 17 remove duplicates from 16 (22)

Literature Search Performed on: 05/22/2017

Beginning Date: January 2007

End Date: April 2017

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 Tomography, X-Ray Computed/ (343059)
- 2 Emergency Service, Hospital/ (54943)
- 3 Hospitalization/ (89033)
- 4 Neuroimaging/ (7027)
- 5 Diagnostic imaging/ (38453)
- 6 Confusion/ (4510)
- 7 Delirium/ (7435)
- 8 psychotic disorders/ (41878)
- 9 Brain diseases/ (52433)
- 10 Brain/ (440206)
- 11 7 and (1 or 2 or 3 or 4 or 5) (638)
- 12 stupor/ (695)
- 13 obtunded.mp. (468)
- 14 unresponsive.mp. (18935)
- 15 6 or 12 or 13 or 14 (24584)

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16 4 and 9 and 15 (2)
17 Consciousness Disorders/ (2448)
18 seizures/ (48624)
19 10 and 17 and 18 (22)
20 Electroencephalography/ (133358)
21 Brain Waves/ (2603)
22 4 and 10 and 20 and 21 (8)
23 Altered mental status.mp. (2368)
24 2 and 23 (189)
25 Head/ (20747)
26 15 and 25 (12)
27 7 and 9 and 15 (5)
28 (1 or 7) and (9 and 10 and 15) (8)
29 8 and 9 and 10 (137)
30 Dementia/ (43493)
31 Mental Status Schedule/ (6064)
32 7 and 30 and 31 (39)
33 11 or 16 or 19 or 22 or 24 or 26 or 27 or 28 or 29 or 32 (1032)
34 limit 33 to (abstracts and english language and humans and yr="2007 -Current") (462)
35 34 and exp adult/ (377)
36 34 and exp child/ (39)
37 35 not 36 (367)
38 limit 37 to case reports (38)
39 37 not 38 (329)
40 remove duplicates from 39 (306)

Summary

Source	#Unique Refs	#Retained Refs
Old bibliography	0	0
Literature Search(es)	328	39
Author Added	9	8
Supporting Docs	6	6
Total		53

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.

4 of the author added references were outside the search date range.