

**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**

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- 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)

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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**

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- 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	19	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.