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)
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)
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.