Supplemental Table 1. Search strategies and results of the systematic search.

<table>
<thead>
<tr>
<th>Database</th>
<th>Search Strategies</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEDLINE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EMBASE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cochrane</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pubmed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PsycINFO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Combined</td>
<td>Combined searches when duplicates removed</td>
<td></td>
</tr>
</tbody>
</table>


MEDLINE

Database: Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily <1946 to September 11, 2018>

Search Strategy:

1. borderline personality disorder.mp. or exp Borderline Personality Disorder/ (7795)
2. ("borderline personality disorder" or ("borderline personality" and ("disorder" or "disease" or "patient" or "patients" or "syndrome" or "symptom" or "symptoms" or "illness" or "trait" or "traits" or "features"))).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (8122)
3. ("undetected" or "undiagnosed" or "underdiagnosed" or "missed diagnosis").mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (37936)
4. hypertension.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (449970)
5. ("hypertension" or "acute hypertension" or "chronic hypertension" or "hypertensive emergency" or "hypertensive crisis" or "hypertensive patient" or "hypertensive patients" or "hypertensive urgency" or "hypertensive symptom" or "hypertensive symptoms" or "blood pressure" or "high blood pressure" or "elevated blood pressure").mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (726230)
6. ("blood pressure disease" or "blood pressure disorder").mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (26)
7. 1 or 2 (8122)
8. 3 and 8 (18)
9. 4 or 5 or 6 (726230)
10. 12 3 and 11 (2372)
11. 13 11 or 12 (726230)
12. 14 10 and 13 (20)


### EMBASE

Embase Session Results (13 Sep 2018)

<table>
<thead>
<tr>
<th>No.</th>
<th>Query</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>'borderline state'/exp OR 'borderline state'</td>
<td>12235</td>
</tr>
<tr>
<td>#2</td>
<td>'borderline personality disorder':ti,ab,kw</td>
<td>7099</td>
</tr>
<tr>
<td>#3</td>
<td>('borderline state'/exp OR 'borderline state') OR 'borderline personality disorder':ti,ab,kw</td>
<td>12897</td>
</tr>
<tr>
<td>#4</td>
<td>'borderline personality':ti,ab,kw</td>
<td>8117</td>
</tr>
<tr>
<td>#5</td>
<td>'disorder':ti,ab,kw OR 'disease':ti,ab,kw OR 'patient':ti,ab,kw OR 'patients':ti,ab,kw OR 'syndrome':ti,ab,kw OR 'symptom':ti,ab,kw OR 'symptoms':ti,ab,kw OR 'illness':ti,ab,kw OR 'trait':ti,ab,kw OR 'traits':ti,ab,kw OR 'features':ti,ab,kw)</td>
<td>11560515</td>
</tr>
<tr>
<td>#6</td>
<td>'borderline personality':ti,ab,kw AND ('disorder':ti,ab,kw OR 'disease':ti,ab,kw OR 'patient':ti,ab,kw OR 'patients':ti,ab,kw OR 'syndrome':ti,ab,kw OR 'symptom':ti,ab,kw OR 'symptoms':ti,ab,kw OR 'illness':ti,ab,kw OR 'trait':ti,ab,kw OR 'traits':ti,ab,kw OR 'features':ti,ab,kw)</td>
<td>7880</td>
</tr>
<tr>
<td>#7</td>
<td>(('borderline state'/exp OR 'borderline state') OR 'borderline personality disorder':ti,ab,kw) OR ('borderline personality':ti,ab,kw AND ('disorder':ti,ab,kw OR 'disease':ti,ab,kw OR 'patient':ti,ab,kw OR 'patients':ti,ab,kw OR 'syndrome':ti,ab,kw OR 'symptom':ti,ab,kw OR 'symptoms':ti,ab,kw OR 'illness':ti,ab,kw OR 'trait':ti,ab,kw OR 'traits':ti,ab,kw OR 'features':ti,ab,kw))</td>
<td>14785</td>
</tr>
<tr>
<td>#8</td>
<td>'hypertension'/exp OR 'hypertension'</td>
<td>912976</td>
</tr>
<tr>
<td>#9</td>
<td>'hypertension':ti,ab,kw OR 'acute hypertension':ti,ab,kw OR 'chronic hypertension':ti,ab,kw OR 'hypertensive emergency':ti,ab,kw OR 'hypertensive crisis':ti,ab,kw OR 'hypertensive patient':ti,ab,kw OR 'hypertensive patients':ti,ab,kw OR 'hypertensive symptom':ti,ab,kw OR 'hypertensive symptoms':ti,ab,kw)</td>
<td>553361</td>
</tr>
<tr>
<td>#10</td>
<td>'blood pressure':ti,ab,kw OR 'high blood pressure':ti,ab,kw OR 'elevated blood pressure':ti,ab,kw OR 'blood pressure disease':ti,ab,kw OR 'blood pressure disorder':ti,ab,kw)</td>
<td>387302</td>
</tr>
<tr>
<td>#11</td>
<td>('hypertension'/exp OR 'hypertension') OR ('hypertension':ti,ab,kw OR 'acute hypertension':ti,ab,kw OR 'chronic hypertension':ti,ab,kw OR 'hypertensive emergency':ti,ab,kw OR 'hypertensive crisis':ti,ab,kw OR 'hypertensive patient':ti,ab,kw OR 'hypertensive patients':ti,ab,kw OR 'hypertensive symptom':ti,ab,kw OR 'hypertensive symptoms':ti,ab,kw) OR ('blood pressure':ti,ab,kw OR 'high blood pressure':ti,ab,kw OR 'elevated blood pressure':ti,ab,kw OR 'blood pressure disease':ti,ab,kw OR 'blood pressure disorder':ti,ab,kw)</td>
<td>1112080</td>
</tr>
<tr>
<td>#12</td>
<td>'undiagnosed':ti,ab,kw OR 'underdiagnosed':ti,ab,kw OR 'missed diagnosis':ti,ab,kw)</td>
<td>54229</td>
</tr>
<tr>
<td>#13</td>
<td>(('borderline state'/exp OR 'borderline state') OR 'borderline personality disorder':ti,ab,kw) OR ('borderline personality':ti,ab,kw AND ('disorder':ti,ab,kw OR 'disease':ti,ab,kw OR 'patient':ti,ab,kw OR 'patients':ti,ab,kw OR 'syndrome':ti,ab,kw OR 'symptom':ti,ab,kw OR 'symptoms':ti,ab,kw OR 'illness':ti,ab,kw OR 'trait':ti,ab,kw OR 'traits':ti,ab,kw OR 'features':ti,ab,kw)) AND (undiagnosed':ti,ab,kw OR 'underdiagnosed':ti,ab,kw OR 'missed diagnosis':ti,ab,kw)</td>
<td>41</td>
</tr>
<tr>
<td>#14</td>
<td>(('borderline state'/exp OR 'borderline state') OR 'borderline personality disorder':ti,ab,kw) OR ('borderline personality':ti,ab,kw AND ('disorder':ti,ab,kw OR 'disease':ti,ab,kw OR 'patient':ti,ab,kw OR 'patients':ti,ab,kw OR 'syndrome':ti,ab,kw OR 'symptom':ti,ab,kw OR 'symptoms':ti,ab,kw OR 'illness':ti,ab,kw OR 'trait':ti,ab,kw OR 'traits':ti,ab,kw OR 'features':ti,ab,kw)) OR ((('borderline state'/exp OR 'borderline state') OR 'borderline personality disorder':ti,ab,kw) OR ('borderline personality':ti,ab,kw AND ('disorder':ti,ab,kw OR 'disease':ti,ab,kw OR 'patient':ti,ab,kw OR 'patients':ti,ab,kw OR 'syndrome':ti,ab,kw OR 'symptom':ti,ab,kw OR 'symptoms':ti,ab,kw OR 'illness':ti,ab,kw OR 'trait':ti,ab,kw OR 'traits':ti,ab,kw OR 'features':ti,ab,kw))</td>
<td>14785</td>
</tr>
</tbody>
</table>


Cochrane

Cochrane search 20180913

#1 MeSH descriptor: [Borderline Personality Disorder] explode all trees (370)

#2 (“borderline personality disorder”):ti;ab;kw OR (“borderline personality disease”:ti;ab;kw OR (“borderline personality patient”:ti;ab;kw OR (“borderline personality patients”:ti;ab;kw OR (“borderline personality syndrome”:ti;ab;kw (590)

#3 (“borderline personality symptom”:ti;ab;kw OR (“borderline personality symptoms”:ti;ab;kw OR (“borderline personality illness”:ti;ab;kw OR (“borderline personality trait”:ti;ab;kw OR (“borderline personality traits”:ti;ab;kw (10)

#4 (“borderline personality features”:ti;ab;kw (9)

#5 (“undetected”:ti;ab;kw OR (“undiagnosed”:ti;ab;kw OR (“underdiagnosed”:ti;ab;kw OR (“missed diagnosis”:ti;ab;kw (1378)

#6 #1 or #2 or #3 or #4 (594)

#7 #5 or #6 (0)

#8 #6 or #7 (594)

#9 MeSH descriptor: [Hypertension] explode all trees (16454)

#10 (“hypertension”:ti;ab;kw OR (“acute hypertension”:ti;ab;kw OR (“chronic hypertension”:ti;ab;kw OR (“hypertensive emergency”:ti;ab;kw OR (“hypertensive crisis”:ti;ab;kw (47243)

#11 (“hypertensive patient”:ti;ab;kw OR (“hypertensive patients”:ti;ab;kw OR (“hypertensive urgency”:ti;ab;kw OR (“hypertensive symptom”:ti;ab;kw OR (“hypertensive symptoms”:ti;ab;kw (7474)

#12 (“high blood pressure”:ti;ab;kw OR (“elevated blood pressure”:ti;ab;kw OR (“blood pressure disorder”:ti;ab;kw (2883)

#13 (“blood pressure”:ti;ab;kw (68226)

#14 #9 or #10 or #11 or #12 or #13 (92834)

#15 #5 and #16 (137)

#16 #14 and #15 (92834)

#13 #8 and #16 (8)


Recent queries in pubmed 20180913

<table>
<thead>
<tr>
<th>Search</th>
<th>Query</th>
<th>Items found</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>Search (((((borderline personality disorder</td>
<td>MeSH Terms</td>
</tr>
<tr>
<td>#2</td>
<td>Search (((&quot;undetected&quot;) OR &quot;undiagnosed&quot;) OR &quot;underdiagnosed&quot;) OR &quot;missed diagnosis&quot;</td>
<td>38012</td>
</tr>
<tr>
<td>#3</td>
<td>Search (((((&quot;undetected&quot;) OR &quot;undiagnosed&quot;) OR &quot;underdiagnosed&quot;) OR &quot;missed diagnosis&quot;) AND (((((borderline personality disorder</td>
<td>MeSH Terms</td>
</tr>
<tr>
<td>#4</td>
<td>Search (((((borderline personality disorder</td>
<td>MeSH Terms</td>
</tr>
<tr>
<td>#5</td>
<td>Search (((Hypertension</td>
<td>MeSH Terms</td>
</tr>
<tr>
<td>#6</td>
<td>Search (((((&quot;emergency&quot;) OR &quot;crisis&quot;) OR &quot;patient&quot;) OR &quot;patients&quot;) OR &quot;urgency&quot;) OR &quot;symptom&quot;) OR &quot;symptoms&quot;</td>
<td>67817</td>
</tr>
<tr>
<td>#7</td>
<td>Search (&quot;hypertensive&quot;) AND (((((&quot;emergency&quot;) OR &quot;crisis&quot;) OR &quot;patient&quot;) OR &quot;patients&quot;) OR &quot;urgency&quot;) OR &quot;symptom&quot;) OR &quot;symptoms&quot;)</td>
<td>53284</td>
</tr>
<tr>
<td>#8</td>
<td>Search (&quot;high blood pressure&quot;) OR &quot;elevated blood pressure&quot;) OR &quot;blood pressure&quot;</td>
<td>41983</td>
</tr>
<tr>
<td>#9</td>
<td>Search (((((Hypertension</td>
<td>MeSH Terms</td>
</tr>
<tr>
<td>#10</td>
<td>(((((&quot;undetected&quot;) OR &quot;undiagnosed&quot;) OR &quot;underdiagnosed&quot;) OR &quot;missed diagnosis&quot;) AND (((((Hypertension</td>
<td>MeSH Terms</td>
</tr>
<tr>
<td>#11</td>
<td>(((((Hypertension</td>
<td>MeSH Terms</td>
</tr>
</tbody>
</table>


PsycINFO

Database: PsycINFO <1806 to September Week 1 2018>
Search Strategy:
---------------------------------------------------------------------------------------------------------------------
1 borderline personality disorder.mp. or exp Borderline Personality Disorder/ (9701)
2 ("borderline personality disorder" or ("borderline personality" and ("disorder" or "disease" or "patient"
or "patients" or "syndrome" or "symptom" or "symptoms" or "illness" or "trait" or "traits" or
"features"))).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures] (10797)
3 ("undetected" or "undiagnosed" or "underdiagnosed" or "missed diagnosis").mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures] (4752)
4 exp ESSENTIAL HYPERTENSION/ or exp HYPERTENSION/ or hypertension.mp. (15771)
5 ("hypertension" or "acute hypertension" or "chronic hypertension" or ("hypertensive" and ("emergency" or "crisis" or "patient" or "patients" or "urgency" or "symptom" or "symptoms")) or "blood pressure" or "high blood pressure" or "elevated blood pressure" or "blood pressure disease" or "blood pressure disorder").mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures] (31176)
6 1 or 2 (10797)
7 3 and 6 (20)
8 6 or 7 (10797)
9 4 or 5 (31176)
10 3 and 9 (138)
11 9 or 10 (31176)
12 8 and 11 (23)
---------------------------------------------------------------------------------------------------------------------
1. Banny, A.M., et al., Borderline personality features as a predictor of forms and functions of aggression
during middle childhood: Examining the roles of gender and physiological reactivity. Development and
Behavioral medicine and women: A comprehensive handbook xxxiii, 876 pp New York, NY, US: Guilford Press;
3. Bohinc, R., R.A. Sansone, and S. McDonald, Multiple invasive procedures in a patient with borderline
5. Eddie, D., Borderline personality disorder, co-occurring substance use, and autonomic dysregulation.
Dissertation Abstracts International: Section B: The Sciences and Engineering, 2018. 78(8-B(E)): p. No Pagination
Specified.
disorder and physical health conditions in a nationally representative sample. Psychosomatic Medicine, 2010. 72(7):
p. 641-647.
7. Fahrenberg, J. and M. Myrtek, Progress in ambulatory assessment: Computer-assisted psychological and
psychophysiological methods in monitoring and field studies. (2001) Progress in ambulatory assessment: Computer-
assisted psychological and psychophysiological methods in monitoring and field studies x, 627 pp Ashland, OH, US:


Results of combined searches when duplicates removed


