

# Best Evidence Summaries of Topics in Mental Healthcare

## **BEST** *in* **MH** *clinical question-answering service*

### **Question**

In adults with Aspergers' syndrome and comorbid alcoholism, what is the most effective intervention in reducing alcohol consumption (Additionally, what evidence is there around risk of those diagnosed with Aspergers' becoming alcohol dependant)?

### **Clarification of question using PICO structure (PICTRO for diagnostic questions)**

*Patients: Adults with Aspergers' disorder and comorbid alcoholism.*

*Intervention: Any intervention*

*Comparator: No intervention*

*Outcome: Decrease in alcohol consumption.*

### **Clinical and research implications**

No research was found that examined effective treatment for alcoholism comorbid with Aspergers' syndrome, similarly no research was found that demonstrated any association between these diagnosis. As a result no clinical implications can be made.

### **What does the evidence say?**

*Number of included studies/reviews (number of participants) N/A*

*Main Findings: N/A*

*Authors Conclusions: N/A*

*Reliability of conclusions/Strength of evidence: N/A*

### **What do guidelines say?**

NICE (2010 CG100, pg. 6)

'For certain vulnerable people who are in acute alcohol withdrawal (for example, those who are frail, have cognitive impairment or multiple comorbidities, lack social support, have learning difficulties or are 16 or 17 years), consider a lower threshold for admission to hospital for medically assisted alcohol withdrawal.'

**Date question received:** 26/02/13

**Date searches conducted:** 27/02/13

**Date answer completed:** 28/02/13

## **References**

National Institute for Health and Clinical Excellence (2010) Alcohol-use disorders. Diagnosis and clinical management of alcohol-related physical complications. CG100. London: National Institute for Health and Clinical Excellence.

<http://www.nice.org.uk/nicemedia/live/12995/48991/48991.pdf>

## Search Details

Source	Search Strategy	Number of hits	Relevant evidence identified
<b><i>SRs and Guidelines</i></b>			
NICE	Alcohol OR Autism OR Asperger's	305	3
DARE	1(asperger*) IN DARE 13 2 ((alcohol) ADJ2 (abuse* OR dependen* OR disorder* OR drink* OR misuse* OR consumption)) IN DARE 278 3 (alcoholism) IN DARE 122 4 MeSH DESCRIPTOR Asperger Syndrome EXPLODE ALL TREES 5 5 MeSH DESCRIPTOR Alcoholism EXPLODE ALL TREES 148 6 MeSH DESCRIPTOR Alcohol Drinking EXPLODE ALL TREES 94 7 #1 OR #4 14 8 #2 OR #3 OR #5 OR #6 398 9 #7 AND #8 0 10 (alcohol*) IN DARE 604 11 #8 OR #10 705 12 #7 AND #11 0 13 (substance*) IN DARE 518 14 #11 OR #13 1081 15 #7 AND #14	0	0
<b><i>Primary studies</i></b>			
CENTRAL	#1 asperger's:ti,ab,kw (Word variations have been searched) 14 #2 MeSH descriptor: [Asperger Syndrome] explode all trees 33	0	0

	<p>#3 Enter terms for search alcoholalcohol 12070</p> <p>#4 MeSH descriptor: [Alcoholism] explode all trees 2169</p> <p>#5 Enter terms for search#1 or #240</p> <p>#6 Enter terms for search#3 or #412448</p> <p>#7 Enter terms for search#5 and #6 0</p>		
PsycINFO	<ol style="list-style-type: none"> <li>1. PsycINFO; ASPERGERS SYNDROME/; 2089 results.</li> <li>2. PsycINFO; asperger*.ti,ab; 2630 results.</li> <li>3. PsycINFO; 1 OR 2; 2739 results.</li> <li>4. PsycINFO; ALCOHOLISM/; 23638 results.</li> <li>5. PsycINFO; alcoholism.ti,ab; 17412 results.</li> <li>6. PsycINFO; (alcohol adj3 use*).ti,ab; 21613 results.</li> <li>7. PsycINFO; (alcohol adj3 misuse).ti,ab; 1505 results.</li> <li>8. PsycINFO; (alcohol adj3 abuse*).ti,ab; 11204 results.</li> <li>9. PsycINFO; (alcohol adj3 drink*).ti,ab; 5612 results.</li> <li>10. PsycINFO; (alcohol adj3 intoxicat*).ti,ab; 1276 results.</li> <li>11. PsycINFO; ALCOHOL ABUSE/; 13001 results.</li> <li>12. PsycINFO; ALCOHOL DEPENDENCE/; 23638 results.</li> <li>13. PsycINFO; ALCOHOL ADDICTION/; 23638 results.</li> <li>14. PsycINFO; (alcohol AND drinking).ti,ab; 17881 results.</li> <li>15. PsycINFO; ALCOHOL DRINKING ATTITUDES/; 2290 results.</li> <li>16. PsycINFO; 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15; 66225 results.</li> <li>17. PsycINFO; 3 AND 16; 8 results.</li> </ol>	8	
EMBASE	<ol style="list-style-type: none"> <li>18. EMBASE; ASPERGERS SYNDROME/; 2359 results.</li> <li>19. EMBASE; asperger*.ti,ab; 1998 results.</li> <li>20. EMBASE; 18 OR 19; 2864 results.</li> <li>21. EMBASE; alcoholism.ti,ab; 29366 results.</li> <li>22. EMBASE; (alcohol adj3 use*).ti,ab; 32248 results.</li> <li>23. EMBASE; (alcohol adj3 misuse).ti,ab; 2156 results.</li> </ol>	19	

	<p>24. EMBASE; (alcohol adj3 abuse*).ti,ab; 19093 results.</p> <p>25. EMBASE; (alcohol adj3 drink*).ti,ab; 11908 results.</p> <p>26. EMBASE; (alcohol adj3 intoxicat*).ti,ab; 3461 results.</p> <p>27. EMBASE; (alcohol AND drinking).ti,ab; 27333 results.</p> <p>28. EMBASE; ALCOHOL ABUSE/; 17686 results.</p> <p>29. EMBASE; ALCOHOLISM/; 88381 results.</p> <p>30. EMBASE; 21 OR 22 OR 23 OR 24 OR 25 OR 26 OR 27 OR 28 OR 29; 145634 results.</p> <p>31. EMBASE; 20 AND 30; 19 results.</p>		
MEDLINE	<p>32. MEDLINE; ASPERGERS SYNDROME/; 1309 results.</p> <p>33. MEDLINE; asperger*.ti,ab; 1498 results.</p> <p>34. MEDLINE; 32 OR 33; 1886 results.</p> <p>35. MEDLINE; alcoholism.ti,ab; 23474 results.</p> <p>36. MEDLINE; (alcohol adj3 use*).ti,ab; 25169 results.</p> <p>37. MEDLINE; (alcohol adj3 misuse).ti,ab; 1684 results.</p> <p>38. MEDLINE; (alcohol adj3 abuse*).ti,ab; 14387 results.</p> <p>39. MEDLINE; (alcohol adj3 drink*).ti,ab; 9312 results.</p> <p>40. MEDLINE; (alcohol adj3 intoxicat*).ti,ab; 2713 results.</p> <p>41. MEDLINE; (alcohol AND drinking).ti,ab; 21531 results.</p> <p>42. MEDLINE; ALCOHOLISM/; 64060 results.</p> <p>43. MEDLINE; 35 OR 36 OR 37 OR 38 OR 39 OR 40 OR 41 OR 42; 108227 results.</p> <p>44. MEDLINE; 34 AND 43; 6 results.</p>	6	
<b>Summary</b>	<b>NA</b>	<b>NA</b>	

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