

Best Evidence Summaries of Topics in Mental Healthcare

BEST in MH *clinical question-answering service*

Question

“For older adults in healthcare settings, how effective is increasing the opportunity for fluid intake (e.g., structured times to drink water or squash instead of hot drinks), compared to any other intervention / no intervention, for decreasing the amount of falls?”

Clarification of question using PICO structure

Patients: Older adults in healthcare settings
Intervention: Increasing the opportunity for fluid intake
Comparator: Any other intervention / no intervention
Outcome: Falls

Clinical and research implications

No relevant systematic reviews, randomised controlled trials or observational studies were found to answer this question.

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?

Neither National Institute for Health and Care Excellence (NICE) nor Scottish Intercollegiate Guidelines Network (SIGN) guidelines comment upon the relationship between fluid intake and amount of falls for patients in healthcare settings.

Date question received: 27/01/2015

Date searches conducted: 02/02/2015

Date answer completed: 06/02/2015

Search Details

Source	Search Strategy	Number of hits	Relevant evidence identified
<i>SRs and Guidelines</i>			
NICE	falls fluid	80	0
DARE	1 MeSH DESCRIPTOR Accidental Falls EXPLODE ALL TREES 217 Delete 2 (fall*) IN DARE 464 Delete 3 MeSH DESCRIPTOR Aged EXPLODE ALL TREES 8438 Delete 4 (older OR senior* OR elder* OR geriatric* OR aged OR aging OR ageing) IN DARE 7039 Delete 5 #1 OR #2 533 Delete 6 #3 OR #4 12536 Delete 7 #5 AND #6 303 Delete 8 MeSH DESCRIPTOR Drinking EXPLODE ALL TREES 6 Delete 9 MeSH DESCRIPTOR Drinking Behavior EXPLODE ALL TREES 150 Delete 10 (drink* OR fluid*) IN DARE 813 Delete 11 #9 OR #10 871 Delete 12 #7 AND #11 3 Delete	3	0
<i>Primary studies</i>			
CENTRAL	#1 MeSH descriptor: [Dehydration] explode all trees 381 #2 MeSH descriptor: [Aged] explode all trees 959 #3 #1 and #2 0 #4 hydration 1614 #5 "fluid intake" 785 #6 #4 or #5 2299 #7 #6 and #2 6 Central only 5	5	0

Cinahl	<ol style="list-style-type: none"> 1. CINAHL; FLUID INTAKE/; 1378 results. 2. CINAHL; exp AGED/; 343813 results. 3. CINAHL; 1 AND 2; 248 results. 4. CINAHL; *FLUID THERAPY IN OLD AGE/; 31 results. 5. CINAHL; DEHYDRATION/; 2169 results. 6. CINAHL; FRUIT JUICES/ OR WATER/; 4120 results. 7. CINAHL; squash.ti,ab; 96 results. 8. CINAHL; 1 OR 4 OR 5 OR 6 OR 7; 7141 results. 9. CINAHL; Timing.ti,ab; 9213 results. 10. CINAHL; "structured time*".ti,ab; 17 results. 11. CINAHL; "set time*".ti,ab; 57 results. 12. CINAHL; "set interval*".ti,ab; 21 results. 13. CINAHL; 9 OR 10 OR 11 OR 12; 9305 results. 14. CINAHL; 8 AND 13; 31 results. 15. CINAHL; "fluid consumption".ti,ab; 62 results. 16. CINAHL; 8 OR 15; 7166 results. 17. CINAHL; (elderly OR "older AND adult* OR geriatric*).ti,ab; 31295 results. 18. CINAHL; 2 OR 17; 347649 results. 19. CINAHL; 16 AND 18; 878 results. 20. CINAHL; exp TIME/; 75006 results. 21. CINAHL; 19 AND 20; 45 results. 	45	0
Medline	<ol style="list-style-type: none"> 22. MEDLINE; DRINKING/; 12328 results. 23. MEDLINE; DRINKING WATER/; 2293 results. 24. MEDLINE; FLUID THERAPY/; 14800 results. 25. MEDLINE; "fruit juice* or squash".ti,ab; 0 results. 26. MEDLINE; "fruit juice*".ti,ab; 2358 results. 27. MEDLINE; squash.ti,ab; 1378 results. 28. MEDLINE; 22 OR 23 OR 24 OR 26 OR 27; 32877 results. 29. MEDLINE; PERIODICITY/ OR TIME FACTORS/; 1028544 results. 30. MEDLINE; Timing.ti,ab; 85756 results. 31. MEDLINE; "structured time*".ti,ab; 45 results. 32. MEDLINE; "set time*".ti,ab; 472 results. 	276	0

	<p>33. MEDLINE; "set interval*".ti,ab; 164 results.</p> <p>34. MEDLINE; 29 OR 30 OR 31 OR 32 OR 33; 1096426 results.</p> <p>35. MEDLINE; 28 AND 34; 2806 results.</p> <p>36. MEDLINE; exp AGED/; 2373638 results.</p> <p>37. MEDLINE; (elderly OR "older adult*" OR geriatric*).ti,ab; 228990 results.</p> <p>38. MEDLINE; 36 OR 37; 2426097 results.</p> <p>39. MEDLINE; 35 AND 38; 276 results.</p>		
BNI	<p>40. BNI; "fluid intake".ti,ab; 114 results.</p> <p>41. BNI; "fluid therapy".ti,ab; 26 results.</p> <p>42. BNI; "fluid consumption".ti,ab; 2 results.</p> <p>43. BNI; "drinking water".ti,ab; 34 results.</p> <p>44. BNI; (squash OR "fruit juice").ti,ab; 7 results.</p> <p>45. BNI; (hydration OR dehydration).ti,ab; 400 results.</p> <p>46. BNI; 40 OR 41 OR 42 OR 43 OR 44 OR 45; 549 results.</p> <p>47. BNI; "time factors".ti,ab; 12 results.</p> <p>48. BNI; Timing.ti,ab; 722 results.</p> <p>49. BNI; "structured time*".ti,ab; 0 results.</p> <p>50. BNI; "set time*".ti,ab; 7 results.</p> <p>51. BNI; "set interval*".ti,ab; 2 results.</p> <p>52. BNI; 47 OR 48 OR 49 OR 50 OR 51; 743 results.</p> <p>53. BNI; exp ELDERLY/; 3144 results.</p> <p>54. BNI; (aged OR "older adult*" OR geriatric*).ti,ab; 6765 results.</p> <p>55. BNI; 53 OR 54; 8782 results.</p> <p>56. BNI; 46 AND 52 AND 55; 0 results.</p> <p>57. BNI; 46 AND 55; 40 results.</p>	40	0
Summary	NA	NA	

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