

Best Evidence Summaries of Topics in Mental Healthcare

BEST in MH *clinical question-answering service*

Question

“For older adults in mental healthcare settings, how effective is the use of adaptive equipment (e.g., weighted cutlery, weighted cuffs), compared to any other intervention/no intervention, for improving patient outcomes?”

Clarification of question using PICO structure

Patients: Older adults in mental healthcare settings
Intervention: Adaptive equipment (e.g., weighted cutlery, weighted cuffs)
Comparator: Any/no intervention
Outcome: Any patient outcomes

Clinical and research implications

No relevant evidence can be 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 of Health and Care Excellence (NICE) nor Scottish Intercollegiate Guidelines Network (SIGN) guidelines comment or make recommendations upon the use of adaptive equipment for older adults specifically in mental healthcare settings.

Date question received: 26/01/2015

Date searches conducted: 08/01/2015

Date answer completed: 30/01/2015

Search Details

Source	Search Strategy	Number of hits	Relevant evidence identified
SRs and Guidelines			
NICE	Adaptive equipment (14) Assistive technology (13)	27	0
DARE	1 (adaptive adj3 equipment*) IN DARE 1 Delete 2 MeSH DESCRIPTOR Activities of Daily Living EXPLODE ALL TREES 377 Delete 3 (ADL OR (activities adj3 daily adj3 living)) IN DARE 515 Delete 4 #1 OR #2 OR #3 669 Delete 5 (equipment OR tool* OR device* OR assist*) IN DARE 4877 Delete 6 #4 AND #5 112 Delete	112	0
Primary studies			
CENTRAL	MeSH descriptor: [Self-Help Devices] explode all trees 344 #2 "assistive device*" or "assistive technology" 284 #3 "adaptive device" or "adaptive equipment" 16 #4 patient* or inpatient* or ward* or hospital* or "psychiatric hospital*" 513629 #5 "weighted cuff*" 0 #6 "weighted cutlery" or "weighted utensil*" 1 #7 #1 or #2 or #3 or #6 586 #8 #4 and #7 322 Central only 181	181	0
PsycINFO	1. PsycINFO; ASSISTIVE TECHNOLOGY/; 1007 results. 2. PsycINFO; "assistive device*".ti,ab; 425 results. 3. PsycINFO; "adaptive equipment".ti,ab; 72 results. 4. PsycINFO; "adaptive device".ti,ab; 7 results.	45	0

	<p>5. PsycINFO; ((cutlery OR cuffs OR utensil*) AND weighted).ti,ab; 0 results.</p> <p>6. PsycINFO; ((cutlery OR cuffs OR utensil) AND adapted).ti,ab; 1 results.</p> <p>7. PsycINFO; 1 OR 2 OR 3 OR 4 OR 5 OR 6; 1424 results.</p> <p>8. PsycINFO; inpatient*.ti,ab; 37731 results.</p> <p>9. PsycINFO; ward*.ti,ab; 13303 results.</p> <p>10. PsycINFO; exp PATIENTS/; 82302 results.</p> <p>11. PsycINFO; 8 OR 9 OR 10; 117367 results.</p> <p>12. PsycINFO; 7 AND 11; 44 results.</p> <p>38. PsycINFO; (aid* adj3 "daily living").ti,ab; 23 results.</p> <p>39. PsycINFO; 7 OR 38; 1438 results.</p> <p>40. PsycINFO; 11 AND 39; 45 results.</p>		
Cinahl	<p>35. CINAHL; (aids adj3 "daily living").ti,ab; 43 results.</p> <p>36. CINAHL; ASSISTIVE TECHNOLOGY/; 2155 results.</p> <p>37. CINAHL; "assistive device*".ti,ab; 877 results.</p> <p>38. CINAHL; "adaptive equipment".ti,ab; 93 results.</p> <p>39. CINAHL; "adaptive device".ti,ab; 6 results.</p> <p>40. CINAHL; ((cutlery OR cuffs OR utensil*) AND weighted).ti,ab; 2 results.</p> <p>41. CINAHL; ((cutlery OR cuffs OR utensil) AND adapted).ti,ab; 0 results.</p> <p>42. CINAHL; 36 OR 37 OR 38 OR 39 OR 40 OR 41; 3071 results.</p> <p>43. CINAHL; inpatient*.ti,ab; 19058 results.</p> <p>44. CINAHL; ward*.ti,ab; 12751 results.</p> <p>45. CINAHL; exp PATIENTS/; 158556 results.</p> <p>46. CINAHL; 43 OR 44 OR 45; 178556 results.</p> <p>47. CINAHL; 42 AND 46; 145 results.</p> <p>48. CINAHL; "randomized controlled trial".pt; 24980 results.</p> <p>49. CINAHL; "controlled clinical trial".pt; 0 results.</p> <p>50. CINAHL; randomized.ab; 48373 results.</p> <p>51. CINAHL; placebo.ab; 19935 results.</p> <p>52. CINAHL; "drug therapy".fs; 0 results.</p> <p>53. CINAHL; randomly.ab; 29774 results.</p> <p>54. CINAHL; trial.ab; 48596 results.</p>	31	0

	<p>55. CINAHL; groups.ab; 137509 results.</p> <p>56. CINAHL; 48 OR 49 OR 50 OR 51 OR 52 OR 53 OR 54 OR 55; 217224 results.</p> <p>57. CINAHL; 47 AND 56; 30 results.</p> <p>58. CINAHL; 35 OR 42; 3104 results.</p> <p>59. CINAHL; 46 AND 56 AND 58; 31 results</p>		
Medline	<p>13. MEDLINE; ASSISTIVE TECHNOLOGY/; 3540 results.</p> <p>14. MEDLINE; "assistive device*".ti,ab; 1329 results.</p> <p>15. MEDLINE; "adaptive equipment".ti,ab; 106 results.</p> <p>16. MEDLINE; "adaptive device".ti,ab; 16 results.</p> <p>17. MEDLINE; ((cutlery OR cuffs OR utensil*) AND weighted).ti,ab; 18 results.</p> <p>18. MEDLINE; ((cutlery OR cuffs OR utensil) AND adapted).ti,ab; 12 results.</p> <p>19. MEDLINE; 13 OR 14 OR 15 OR 16 OR 17 OR 18; 4666 results.</p> <p>20. MEDLINE; inpatient*.ti,ab; 66317 results.</p> <p>21. MEDLINE; ward*.ti,ab; 42197 results.</p> <p>22. MEDLINE; exp PATIENTS/; 67986 results.</p> <p>23. MEDLINE; 20 OR 21 OR 22; 164260 results.</p> <p>24. MEDLINE; 19 AND 23; 101 results.</p> <p>25. MEDLINE; "randomized controlled trial".pt; 381908 results.</p> <p>26. MEDLINE; "controlled clinical trial".pt; 88468 results.</p> <p>27. MEDLINE; randomized.ab; 306137 results.</p> <p>28. MEDLINE; placebo.ab; 157036 results.</p> <p>29. MEDLINE; "drug therapy".fs; 1727364 results.</p> <p>30. MEDLINE; randomly.ab; 222085 results.</p> <p>31. MEDLINE; trial.ab; 315717 results.</p> <p>32. MEDLINE; groups.ab; 1404481 results.</p> <p>33. MEDLINE; 25 OR 26 OR 27 OR 28 OR 29 OR 30 OR 31 OR 32; 3426619 results.</p> <p>34. MEDLINE; 24 AND 33; 28 results.</p> <p>35. MEDLINE; (aid* adj3 "daily living").ti,ab; 37 results.</p> <p>36. MEDLINE; 19 OR 35; 4688 results.</p> <p>37. MEDLINE; 23 AND 33 AND 36; 29 results.</p>	29	0
Summary	NA	NA	

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