Older People Evidence Update
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1. NICE Guidance

There were no new NICE guidelines published this issue.

2. New and Updated Cochrane Systematic Reviews

1) Informant Questionnaire on Cognitive Decline in the Elderly (IQCODE) for the diagnosis of dementia within community dwelling populations

Authors’ conclusions: Published data suggest that if using the IQCODE for community dwelling older adults, the 16 item IQCODE may be preferable to the traditional scale due to lesser test burden and no obvious difference in accuracy. Although IQCODE test accuracy is in a range that many would consider 'reasonable', in the context of community or population settings the use of the IQCODE alone would result in substantial misdiagnosis and false reassurance. Across the included studies there were issues with heterogeneity, several potential biases and suboptimal reporting quality.

2) Hip protectors for preventing hip fractures in older people

Authors’ conclusions: Hip protectors probably reduce the risk of hip fractures if made available to older people in nursing care or residential care settings, without increasing the frequency of falls. However, hip protectors may slightly increase the small risk of pelvic fractures. Poor acceptance and
adherence by older people offered hip protectors is a barrier to their use. Better understanding is needed of the personal and design factors that may influence acceptance and adherence.

3. Practice changing research, sourced from Dynamed

3) Alzheimer disease

Updated 2014 Mar 31 05:09:00 AM: bright light therapy may not improve cognition, sleep, agitation, and psychiatric symptoms in patients with dementia (Cochrane Database Syst Rev 2014 Feb 26) view update

4) Cataract

Updated 2014 May 01 09:09:00 AM: case report of hereditary hyperferritinaemia cataract syndrome (Lancet 2014 Apr 26) view update

4. Leicester publications

5) Survival analysis of elderly patients with a fracture of the odontoid peg

5. Good Quality Systematic Reviews

6) Randomized ICU trials do not demonstrate an association between interventions that reduce delirium duration and short-term mortality: a systematic review and meta-analysis

7) The efficacy of peri-operative interventions to decrease postoperative delirium in non-cardiac surgery: a systematic review and meta-analysis

8) Pharmacological treatments of non-substance-withdrawal delirium: a systematic review of prospective trials

9) Cognitive training and cognitive rehabilitation for persons with mild to moderate dementia of the Alzheimer’s or vascular type: a review


11) The use of errorless learning strategies for patients with Alzheimer’s disease: a literature review

12) Lack of association between cathepsin D C224T polymorphism and Alzheimer’s disease risk: an update meta-analysis

13) Efficacy and safety of donepezil, galantamine, rivastigmine, and memantine for the treatment of Alzheimer’s disease: a systematic review and meta-analysis

15) Multiple component interventions for preventing falls and fall-related injuries among older people: systematic review and meta-analysis

16) Preventing falls among older people with mental health problems: a systematic review

17) The role of exergaming in Parkinson's disease rehabilitation: a systematic review of the evidence

18) Vitamin A and carotenoids and the risk of Parkinson's disease: a systematic review and meta-analysis

19) Which target is best for patients with Parkinson's disease? A meta-analysis of pallidal and subthalamic stimulation

20) Interleukin-10 -1082A/G and -592C/A polymorphisms with risk of Parkinson's disease: a meta-analysis

21) Deep brain stimulation in Parkinson's disease: meta-analysis of randomized controlled trials

22) CYP2D6*4 allele polymorphism increases the risk of Parkinson's disease: evidence from meta-analysis

23) The effects of exercise on cognition in Parkinson's disease: a systematic review

24) Long-acting versus standard non-ergot dopamine agonists in Parkinson's disease: a meta-analysis of randomized controlled trials

25) Dopamine agonist monotherapy in Parkinson's disease and potential risk factors for dyskinesia: a meta-analysis of levodopa-controlled trials

26) Open reduction and internal fixation versus total elbow arthroplasty for the treatment of geriatric distal humerus fractures: a systematic review and meta-analysis

27) The impact of pre-operative comprehensive geriatric assessment on postoperative outcomes in older patients undergoing scheduled surgery: a systematic review

28) Fall detection devices and their use with older adults: a systematic review

29) Multi-professional communication for older people in transitional care: a review of the literature

30) Effectiveness of foot and ankle exercise programs on reducing the risk of falling in older adults: a systematic review and meta-analysis of randomized controlled trials

31) Translating falls prevention knowledge to community-dwelling older PLWD: a mixed-method systematic review

32) Effects of exercise programs on depressive symptoms, quality of life and self-esteem in older people: a systematic review of randomized controlled trials

33) Interventions for reducing benzodiazepine use in older people: meta-analysis of randomised controlled trials
34) Impact of anticholinergic discontinuation on cognitive outcomes in older people: a systematic review

35) Interventions to promote physical activity in older people with type 2 diabetes mellitus: a systematic review

36) Do continence management strategies reduce falls? A systematic review

37) Does coronary artery bypass grafting improve quality of life in elderly patients?

38) Erlotinib for elderly patients with non-small-cell lung cancer: a systematic review

39) Transradial versus transfemoral percutaneous coronary intervention in elderly patients: a systematic overview and meta-analysis

40) Association between physical activity and quality of life in the elderly: a systematic review, 2000-2012

41) Is helical blade superior to screw design in terms of cut-out rate for elderly trochanteric fractures? A meta-analysis of randomized controlled trials

42) Meta-analysis and meta-regression analysis of outcomes of carotid endarterectomy and stenting in the elderly

43) Can statins reduce risk of lung cancer, especially among elderly people? A meta-analysis

44) The predictive but not prognostic value of MGMT promoter methylation status in elderly glioblastoma patients: a meta-analysis

45) Diagnostic value of procalcitonin for bacterial infection in elderly patients – a systematic review and meta-analysis

6. Economic Evaluations

46) The cost-effectiveness of a family meetings intervention to prevent depression and anxiety in family caregivers of patients with dementia: a randomized trial

47) Health economic analysis on a psychosocial intervention for family caregivers of persons with dementia

48) Cost-effectiveness of one year dementia follow-up care by memory clinics or general practitioners: economic evaluation of a randomised controlled trial

49) Cost effectiveness of a manual based coping strategy programme in promoting the mental health of family carers of people with dementia (the START (STRategies for RelaTives) study): a pragmatic randomised controlled trial

50) Effects of preventive home visits on health care costs for ambulatory frail elders: a randomized controlled trial

51) Comanagement of geriatric patients with hip fractures: a retrospective, controlled, cohort study
52) Intestinal gel Levodopa + Carbidopa in Parkinson's patients with frequent and prolonged akinesia: an economic evaluation

53) The cost-effectiveness of deep brain stimulation in combination with best medical therapy, versus best medical therapy alone, in advanced Parkinson's disease

54) Hospice offers more palliative care but costs less than usual care for terminal geriatric hepatocellular carcinoma patients: a nationwide study

55) A high-dose preparation of lactobacilli and bifidobacteria in the prevention of antibiotic-associated and Clostridium difficile diarrhoea in older people admitted to hospital: a multicentre, randomised, double-blind, placebo-controlled, parallel arm trial (PLACIDE)

56) Comparative effectiveness of implementing evidence-based education and best practices in nursing homes: effects on falls, quality-of-life and societal costs

57) The preventive home visit as a preventive intervention to reach the elderly – effectiveness and cost-effectiveness of different ways of approach

58) Cost-effectiveness analysis of tdap in the prevention of pertussis in the elderly

59) Cost-effectiveness of tooth replacement strategies for partially dentate elderly: a randomized controlled clinical trial

60) Cost-effectiveness of ART restorations in elderly adults: a randomized clinical trial

61) Evaluation of different strategies for identifying asymptomatic left ventricular dysfunction and pre-clinical (stage B) heart failure in the elderly. Results from 'PREDICTOR', a population based-study in central Italy

7. Reports

62) Focus on: social care for older people

63) The generation strain: collective solutions to care in an ageing society

64) Dementia Assessment and Referral

8. Public Health England

65) PHE publishes end of life care profiles for clinical commissioning groups

66) New dementia campaign launches as research reveals the true cost to business of dementia

9. NHS Behind the Headlines

67) Could young blood 'slow' ageing?
7. Latest Journal Table of Contents
If you would like full text of any of the articles listed in the below journals then please contact us to request a copy. This is a free service but you will need to complete our Article Request Form. Or you may email us directly quoting the number(s) of the articles you would like.

68) Alzheimer’s & dementia : the journal of the Alzheimer's Association
69) Alzheimer disease and associated disorders
70) Alzheimer’s Research and Therapy
71) American Journal of Geriatric Psychiatry
72) Clinics in Geriatric Medicine
73) Current Alzheimer research
74) Dementia
75) Dementia & Geriatric Cognitive Disorders
76) European Geriatric Medicine
77) Geriatric Nursing
78) GeroPsych: The Journal of Gerontopsychology and Geriatric Psychiatry
79) Healthy Aging & Clinical Care in the Elderly
80) International Journal of Geriatric Psychiatry
81) International journal of older people nursing
82) Journal of Geriatric Oncology
83) Journal of Geriatric Psychiatry and Neurology
84) Old Age Psychiatrist
85) Quality in Ageing and Older Adults
86) Topics in Geriatric Rehabilitation

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