Dementia Current Awareness Service

Welcome to the Dementia Current Awareness Service. The aim of DCAS is to provide people working in the area of dementia with the latest, best evidence so that they can make informed decisions and improve the services that they provide. It will contain links to peer-reviewed research, case studies, and details about forthcoming research, calls for abstracts and relevant conferences.

We hope you find this resource useful and welcome any feedback. If you encounter any problems accessing any of the articles or resources referred to in this alert, please contact PHE Knowledge & Library Services library services at libraries@phe.gov.uk.

Some articles may require an Athens username and password, and these can be obtained from https://openathens.nice.org.uk/. If you do not work for Public Health England, please contact your local library service who will help you obtain articles. A list of library services is available at http://www.hlisd.org/.

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Conferences, events, and calls for abstracts

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Research papers

Epidemiology

'The spectrum of vascular dementia'--a retrospective study from South India.
25 Jun 2015 - ovidsp.uk.ovid.com
Author Names: Chandra SR,Yadav R,Puneeth CS,Saini J,Issac TG Database Source: Ovid MEDLINE(R) <2011 to June Week 3 2015> Journal Title: Journal of the Association of Physicians of India Article Title: 'The spectrum of vascular dementia'--a retrospective study from South India Genetics of Alzheimer's disease.
Alzheimer's disease progression by geographical region in a clinical trial setting
25 Jun 2015 - alzres.com
Introduction To facilitate enrollment and meet local registration requirements, sponsors have increasingly implemented multi-national Alzheimer's disease (AD) studies. Geographic regions vary on many dimensions that may affect disease progression or its measurement.

Watch our webinar on estimating #dementia prevalence in Canada, based on an @AlzSociety report: http://ow.ly/OHnQV #research
24 Jun 2015 - Twitter
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Age-related incidence and family history in frontotemporal dementia: data from the Swedish Dementia Registry.
18 Jun 2015 - ovidsp.uk.ovid.com

Risk factors

Vascular risk factors aggravate the progression of Alzheimer's disease: a 3-year follow-up study of Chinese population.
25 Jun 2015 - ovidsp.uk.ovid.com
Author Names: Qiao J, Lu WH, Wang J, Guo XJ, Qu QM Database Source: Ovid MEDLINE(R) <2011 to June Week 3 2015> Journal Title: American Journal of Alzheimer's Disease & Other Dementias Article Title: Vascular risk factors aggravate the progression of Alzheimer's disease: a 3-year follow-up study of Chinese population

TREM2 and Risk of Alzheimer's Disease — Friend or Foe?
Alzheimer’s disease is a genetically complex and heterogeneous disorder. Genomewide association studies aimed at identifying gene variants that influence the risk of Alzheimer’s disease have implicated several innate immunity genes, including those involved in microglial activation,…

Lower blood pressure may not reduce risk for Alzheimer's disease
18 Jun 2015 - healio.com
Mendelian randomization analyses found an association between lifetime exposure to higher systolic blood pressure and decreased risk for Alzheimer’s disease. “Alzheimer’s disease prevalence is rising, further increasing the social and economic burden of this disease

Risk of dementia among patients with asthma: a nationwide longitudinal study.
18 Jun 2015 - ovidsp.uk.ovid.com
Author Names: Chen MH, Li CT, Tsai CF, Lin WC, Chang WH, Chen TJ, Pan TL, Su TP, Bai YM Database Source: Ovid MEDLINE(R) <2011 to June Week 2 2015> Journal Title: Journal of the
American Medical Directors Association

Article Title: Risk of dementia among patients with asthma: a nationwide longitudinal study

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Diagnosis

**Alzheimer's disease dementia may be detectable via cognitive tests 18 years prior to diagnosis**
30 Jun 2015 - healio.com
Lower composite cognitive test scores were associated with the development of Alzheimer’s disease dementia during an 18-year follow-up study period, according to findings in Neurology. “Cognitive test performance predicts development of subsequent [Alzheimer’s disease] dementia in European American populations.

**Neurotransmitter measures in the cerebrospinal fluid of patients with Alzheimer's disease: a review.**
25 Jun 2015 - ovidsp.uk.ovid.com
Author Names: Strac DS, Muck-Seler D, Pivac N
Database Source: Ovid MEDLINE(R) <2011 to June Week 3 2015>
Journal Title: Psychiatria Danubina
Article Title: Neurotransmitter measures in the cerebrospinal fluid of patients with Alzheimer's disease: a review.

**An ensemble-of-classifiers based approach for early diagnosis of Alzheimer's disease: classification using structural features of brain images.**
25 Jun 2015 - ovidsp.uk.ovid.com
Author Names: Farhan S, Fahiem MA, Tauseef H
Database Source: Ovid MEDLINE(R) <2011 to June Week 3 2015>
Journal Title: Computational & Mathematical Methods in Medicine

**Clinical correlates of unawareness of deficits among patients with dementia due to Alzheimer's disease.**
25 Jun 2015 - ovidsp.uk.ovid.com
Author Names: Chen YL, Chen HM, Huang MF, Yeh YC, Yen CF, Chen CS
Database Source: Ovid MEDLINE(R) <2011 to June Week 3 2015>
Journal Title: American Journal of Alzheimer's Disease & Other Dementias
Article Title: Clinical correlates of unawareness of deficits among patients with dementia due to Alzheimer's disease.

Advanced Dementia


Foreword. This Journal feature begins with a case vignette highlighting a common clinical problem. Evidence supporting various strategies is then presented, followed by a review of formal guidelines, when they exist. The article ends with the author’s clinical recommendations. Stage. An 89-year…

@laurajanefraser Great article. Several brief screening tools are available for early detection of #dementia http://ow.ly/OK75X
24 Jun 2015 - Twitter

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**Cognitive impairment 18 years before clinical diagnosis of Alzheimer disease dementia**
24 Jun 2015 - neurology.org
Objective: To examine the relation of performance on brief cognitive tests to development of clinically diagnosed Alzheimer disease (AD) dementia over the following 18 years in a sample of African Americans and European Americans.
EVIDENCE: Several brief screening tools are available for early detection of #CognitiveDecline & #Dementia http://ow.ly/OJZx6
24 Jun 2015 - Twitter
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Cognitive aging: A report from the Institute of Medicine
19 Jun 2015 - ovidsp.uk.ovid.com
Author Names: Blazer D.G., Yaffe K., Karlawish J. Database Source: Embase Journal Title: JAMA - Journal of the American Medical Association Article Title: Cognitive aging: A report from the Institute of Medicine Year: 2015 Issue: 21 Volume: 313 Abstract:

Symptoms

18 Jun 2015 - ovidsp.uk.ovid.com
Author Names: Weiler M, Teixeira CV, Nogueira MH, de Campos BM, Damasceno BP, Cendes F, Balthazar ML Database Source: Ovid MEDLINE(R) <2011 to June Week 2 2015> Journal Title: Brain Connectivity Article Title: Differences and the relationship in default mode network intrinsic activity and functional connectivity in mild Alzheimer's disease and amnestic mild cognitive impairment

Dynamic information flow analysis in Vascular Dementia patients during the performance of a visual oddball task.
18 Jun 2015 - ovidsp.uk.ovid.com
Author Names: Wang C, Xu J, Lou W, Zhao S Database Source: Ovid MEDLINE(R) <2011 to June Week 2 2015> Journal Title: Neuroscience Letters Article Title: Dynamic information flow analysis in Vascular Dementia patients during the performance of a visual oddball task

Neuropsychiatric symptoms as early manifestations of emergent dementia: Provisional diagnostic criteria for mild behavioral impairment
18 Jun 2015 - alzheimersanddementia.com
Neuropsychiatric symptoms (NPSs) are common in dementia and in predementia syndromes such as mild cognitive impairment (MCI). NPSs in MCI confer a greater risk for conversion to dementia in comparison to MCI patients without NPS. NPS in older adults with normal cognition also confers a greater risk of cognitive decline in comparison to older adults without NPS

Treatment

What matters most for end-of-life care? Perspectives from community-based palliative care providers and administrators
29 Jun 2015 - British Medical Journal
Objectives There has been little research conducted to understand the essential meaning of quality, community-based, end-of-life (EOL) care, despite the expansion of these services. The purpose of this study was to define what matters most for EOL care from the perspective of a diverse range of palliative care providers in the community who have daily encounters with death and dying

EVIDENCE: agitation in #Dementia is reduced with music therapy programmes offered in #LongTermCare homes http://ow.ly/OQ6uV
Chronic hypoxia facilitates Alzheimer's disease through demethylation of γ-secretase by downregulating DNA methyltransferase 3b

Environmental factors and epigenetic mechanisms are believed to contribute to Alzheimer's disease (AD). We previously documented that prenatal hypoxia aggravated the cognitive impairment and neuropathology in offspring mice. Here, we investigate the chronic hypoxia-induced epigenetic modifications in AD.

Cognitive Tests to Detect Dementia: A Systematic Review and Meta-analysis.


Database Source: Ovid MEDLINE(R) <2011 to June Week 3 2015> Journal Title: Journal of Nutrition, Health & Aging Article Title: Souvenaid: a new approach to management of early Alzheimer's disease

Cognitive stimulation for Portuguese older adults with cognitive impairment: a randomized controlled trial of efficacy, comparative duration, feasibility, and experiential relevance.

Author Names: Alves J, Alves-Costa F, Magalhaes R, Goncalves OF, Sampaio A

Database Source: Ovid MEDLINE(R) <2011 to June Week 3 2015> Journal Title: American Journal of Alzheimer's Disease & Other Dementias Article Title: Cognitive stimulation for Portuguese older adults with cognitive impairment: a randomized controlled trial of efficacy, comparative duration, feasibility, and experiential

Comparing recruitment, retention, and safety reporting among geographic regions in multinational Alzheimer's disease clinical trials

Introduction: Most Alzheimer's disease (AD) clinical trials enroll participants multinationally. Yet, few data exist to guide investigators and sponsors regarding the types of patients enrolled in these studies and whether participant characteristics vary by region

More evidence needed on pharmacologic treatment of Lewy body dementia

The evidence base for pharmacologic strategies for Lewy body dementia is lacking, according to a meta-analysis in the American Journal of Psychiatry. "While a range of pharmacological strategies are used in an attempt to ameliorate the symptoms of Lewy body dementia, and while clinical guidelines have recommended cholinesterase inhibitors for cognitive and psychiatric symptoms, the current

IOM Cognitive Aging Guidelines for Health Care Professionals

The Institute of Medicine (IOM) in April released a report on cognitive aging that includes an action guide for clinicians caring for elderly patients; a summary of core competencies for health care professionals who treat older adults; and a list of assessment, practice guideline, and patient education resources (http://bit.ly/1A6Q78R).
Blood glucose, diet-based glycemic load and cognitive aging among dementia-free older adults.
25 Jun 2015 - ovidsp.uk.ovid.com
Author Names: Seetharaman S,Andel R,McEvoy C,Dahl Aslan AK,Finkel D,Pedersen NL
Database Source: Ovid MEDLINE(R) <2011 to June Week 3 2015>
Journal Title: Journals of Gerontology Series A-Biological Sciences & Medical Sciences
Article Title: Blood glucose, diet-based glycemic load and cognitive aging among dementia-free older adults

Co-morbidity

Alzheimer's disease and periodontitis--an elusive link.
25 Jun 2015 - ovidsp.uk.ovid.com
Author Names: Gurav AN
Database Source: Ovid MEDLINE(R) <2011 to June Week 3 2015>
Journal Title: Revista Da Associacao Medica Brasileira
Article Title: Alzheimer's disease and periodontitis--an elusive link.
Year: 2014 Issue: 2 Volume: 60
Abstract: Alzheimer's disease is the preeminent cause and commonest form of dementia

Periodontal health condition in patients with Alzheimer's disease.
25 Jun 2015 - ovidsp.uk.ovid.com
Author Names: Martande SS,Pradeep AR,Singh SP,Kumari M,Suke DK,Raju AP,Naik SB,Singh P,Guruprasad CN,Chatterji A
Database Source: Ovid MEDLINE(R) <2011 to June Week 3 2015>
Journal Title: American Journal of Alzheimer's Disease & Other Dementias
Article Title: Periodontal health condition in patients with Alzheimer's disease

Vascular dementia-a growing problem in renal disease
24 Jun 2015 - ovidsp.uk.ovid.com
Author Names: Wilkie M.
Database Source: Embase
Journal Title: Peritoneal Dialysis International
Article Title: Vascular dementia-a growing problem in renal disease
Year: 2015 Issue: 2 Volume: 35
Abstract:

Prevalence and clinicoradiological analyses of patients with Alzheimer disease coexisting multiple microbleeds.
18 Jun 2015 - ovidsp.uk.ovid.com
Author Names: Nagasawa J,Kiyozaka T,Ikeda K
Database Source: Ovid MEDLINE(R) <2011 to June Week 2 2015>
Journal Title: Journal of Stroke & Cerebrovascular Diseases
Article Title: Prevalence and clinicoradiological analyses of patients with Alzheimer disease coexisting multiple microbleeds

18 Jun 2015 - ovidsp.uk.ovid.com
Author Names: Lin IC,Wang YH,Wang TJ,Wang IJ,Shen YD,Chi NF,Chien LN
Database Source: Ovid MEDLINE(R) <2011 to June Week 2 2015>
Journal Title: PLoS ONE [Electronic Resource]
Article Title: Glaucoma, Alzheimer's disease, and Parkinson's disease: an 8-year population-based follow-up study

Ageing and dementia in a longitudinal study of a cohort with Down syndrome.
18 Jun 2015 - ovidsp.uk.ovid.com
Author Names: Carr J,Collins S
Database Source: Ovid MEDLINE(R) <2011 to June Week 2 2015>
Journal Title: Journal of Applied Research in Intellectual Disabilities
Article Title: Ageing and dementia in a longitudinal study of a cohort with Down syndrome

Advanced care
Video decision aids to assist with advance care planning: a systematic review and meta-analysis
24 Jun 2015 - British Medical Journal
Objective Advance care planning (ACP) can result in end-of-life care that is more congruent with patients’ values and preferences. There is increasing interest in video decision aids to assist with ACP. The objective of this study was to evaluate the impact of video decision aids on patients’ preferences regarding life-sustaining treatments (primary outcome)

Service provision

Elderly-Friendly Neighborhoods: Case Lauttasaari
26 Jun 2015 - Taylor & Francis Online

Scandinavian Contrasts and Norwegian Variations in Special Housing for Older People
26 Jun 2015 - Taylor & Francis Online

The feasibility of volunteers facilitating personalized activities for nursing home residents with dementia and agitation.
25 Jun 2015 - ovidsp.uk.ovid.com
Author Names: Van der Ploeg ES,Walker H,O’Connor DW Database Source: Ovid MEDLINE(R) <2011 to June Week 3 2015> Journal Title: Geriatric Nursing Article Title: The feasibility of volunteers facilitating personalized activities for nursing home residents with dementia and agitation

Survey identifies key dementia research priorities.
25 Jun 2015 - ovidsp.uk.ovid.com
Author Names: McCallum J Database Source: Ovid MEDLINE(R) <2011 to June Week 3 2015> Journal Title: Medical Journal of Australia Article Title: Survey identifies key dementia research priorities. Year: 2015 Issue: 6 Volume: 202 Abstract:

Decreasing spatial disorientation in care-home settings: How psychology can guide the development of dementia friendly design guidelines
25 Jun 2015 - Sage Journals
Alzheimer’s disease results in marked declines in navigation skills that are particularly pronounced in unfamiliar environments. However, many people with Alzheimer’s disease eventually face the challenge of having to learn their way around unfamiliar environments when moving into assisted living or care-homes

New #CochraneEvidence: Medical day hospital care for older people vs alternative forms of care http://ow.ly/OGG5w @mancunianmedic
23 Jun 2015 - Twitter
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Patient experience

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Room transfers and the risk of delirium incidence amongst hospitalized elderly medical patients: a case–control study
25 Jun 2015 - biomedcentral.com
Background: Room transfers are suspected to promote the development of delirium in hospitalized elderly patients, but no studies have systematically examined the relationship between room transfers and delirium incidence.

Patients' diagnosis decisions in Alzheimer's disease: the influence of family factors.
18 Jun 2015 - ovidsp.uk.ovid.com
Author Names: Rapp T Database Source: Ovid MEDLINE(R) <2011 to June Week 2 2015> Journal Title: Social Science & Medicine Article Title: Patients’ diagnosis decisions in Alzheimer's disease: the influence of family factors.

Inequalities

What causes health inequality? A systematic review on the relative importance of social causation and health selection.
18 Jun 2015 - Oxford Journals
Background: The social gradient in health is one of the most reliable findings in public health research. The two competing hypotheses that try to explain this gradient are known as the social causation and the health selection hypothesis. There is currently no synthesis of the results of studies that test both hypotheses.

Quality of life

Association of living alone and hospitalization among community-dwelling elders with and without dementia.
25 Jun 2015 - ovidsp.uk.ovid.com
Author Names: Ennis SK, Larson EB, Grothaus L, Helfrich CD, Balch S, Phelan EA Database Source: Ovid MEDLINE(R) <2011 to June Week 3 2015> Journal Title: Journal of General Internal Medicine Article Title: Association of living alone and hospitalization among community-dwelling elders with and without dementia.

Variables associated to quality of life among nursing home patients with dementia.
18 Jun 2015 - ovidsp.uk.ovid.com
Author Names: Mjorud M, Kirkevold M, Rosvik J, Selbaek G, Engedal K Database Source: Ovid MEDLINE(R) <2011 to June Week 2 2015> Journal Title: Aging & Mental Health Article Title: Variables associated to quality of life among nursing home patients with dementia.

Change and predictors of quality of life in institutionalized older adults with dementia.
18 Jun 2015 - ovidsp.uk.ovid.com
Carer support

Protocol for a randomised controlled trial of an outreach support program for family carers of older people discharged from hospital
25 Jun 2015 - biomedcentral.com
Background: Presentations to hospital of older people receiving family care at home incur substantial costs for patients, families, and the health care system, yet there can be positive carer outcomes when systematically assessing/addressing their support needs, and reductions in older people’s returns to hospital attributed to appropriate discharge planning.

EVIDENCE: Person-centred care for patients with #dementia may also benefit #caregivers http://ow.ly/OuzNd @TheWindsorStar
18 Jun 2015 - Twitter
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Factors contributing to caregiver burden in dementia in a country without formal caregiver support.
18 Jun 2015 - ovidsp.uk.ovid.com
Author Names: Wang J,Xiao LD,He GP,Ullah S,De Bellis A Database Source: Ovid MEDLINE(R) <2011 to June Week 2 2015> Journal Title: Aging & Mental Health Article Title: Factors contributing to caregiver burden in dementia in a country without formal caregiver support

Evidence based practice

Clinical significance in dementia research: a review of the literature.
25 Jun 2015 - ovidsp.uk.ovid.com
Author Names: Shabbir SH,Sanders AE Database Source: Ovid MEDLINE(R) <2011 to June Week 3 2015> Journal Title: American Journal of Alzheimer's Disease & Other Dementias Article Title: Clinical significance in dementia research: a review of the literature

Reports and additional material

Reports and additional material

This film made by @SCIE_socialcare takes an innovative approach to what it might feel like to live with #dementia http://socsi.in/4P4Y8
30 Jun 2015 - Twitter
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Tackling the Dementia Challenge - MODEM May 2015 Newsletter
29 Jun 2015 - ilcuk.org.uk
Researchers from the London School of Economics and Political Science, Southampton University, Newcastle University, Sussex University and the ILC-UK are carrying out a 4-year study that will project needs, supports and costs to help plan good, affordable dementia care up to 2040
News

Understanding the challenges of air travel and dementia
http://medx.cc/353830522 via @medical_xpress
29 Jun 2015 - Twitter
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This teenager has made a gadget to stop Alzheimer's patients getting lost:
http://buff.ly/1FJcDjZ #alzheimers pic.twitter.com/98VKOzDbRp
29 Jun 2015 - Twitter
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Dementia Dogs - A New Way to Serve People with Alzheimer's
http://www.letstalkseniorcare.com/2015/06/28/dementia-dogs-a-new-way-to-serve-people-with-alzheimers/ ... via @sailynnd
29 Jun 2015 - Twitter
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The @nhsconfed lit review will focus on practical steps to improve #urgentcare and report to the #improvingurgentcareforolderpelecommission
27 Jun 2015 - Twitter
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Delighted that we've been commissioned by @nhsconfed to conduct literature review on improving #urgentcare for #olderpeople
26 Jun 2015 – Twitter

NEWS: The power of music brings back long lost memories
http://ow.ly/OQ6tW #dementia
26 Jun 2015 – Twitter
Learn more

Dealing with your feelings when you're caring for someone w/ #dementia - carers said this http://ow.ly/OMi0J
26 Jun 2015 - Twitter
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Health and well-being of older men in the UK slipping through the net, @age_uk comments @GMandGM2Journal http://bit.ly/1LJ74Y0 #menshealth
26 Jun 2015 - Twitter
Embed this Video Learn more

ILC-UK’s launch of the Centre for Later Life Funding
26 Jun 2015 - ilcuk.org.uk
ILC-UK’s launch of the Centre for Later Life Funding Pensions,Work and Retirement Friday 26th June 2015; 08:00 (for an 08:30 start) – 10:00; Great Hall, Chartered Insurance Institute, 20 Aldermanbury, London, EC2V 7HY I am delighted to invite you to the ILC-UK’s launch of the new Centre for Later Life Funding
25 Lessons Learned in #Alzheimers and #dementia #caregiving -
Look out for Independent Age's Older People in the Media Awards 2015, now open for nominations. Nominations to http://www.gransnet.com

NEWS: #Dementia tools and training for doctors part of first N.S. strategy http://ow.ly/OK3E1 @laurajanefraser @chronicleherald

NEWS: One-third of #dementia nurses suffer distress, study says http://ow.ly/ODxPl @EmmaMci @CanadaNurses

Conferences, events, and calls for abstracts

Bristol! Here from your local dementia research experts at our free lecture on Monday 20 July at 6:45pm. More info - http://www.alzheimersresearchuk.org/event/public-lecture-on-dementia-research/

If you're in the Bristol area hear from your local dementia research experts at our free evening lecture - http://www.alzheimersresearchuk.org/event/public-lecture-on-dementia-research/

Less than 2 weeks to go until this year's Defeat Dementia Walk nr Cambridge. Join us & help give dementia the boot - http://www.defeatdementiawalk.org

The 9th Annual Journal of Dementia Care and Dementia Care Matters conference has kicked off to a flying start! pic.twitter.com/LxqFFIGzz4