Dementia Bulletin May 2019

Articles

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Evidence that active pain treatment improves sleep quality and quantity in people with depression and dementia.
Swift A. Evidence-Based Nursing 2019;22(2):49.
[A total of 106 patients were enrolled into this study. The groups were all affected by depression, cognitive impairment and pain. Active pain treatment improved three measures of sleep quality. Total sleep time improved for those who started the study with poor sleep with a small-to-moderate effect size and buprenorphin produced a better result than paracetamol. No difference was found for sleep parameters in a subgroup analysis of participants with pain at the start of the trial.]
Available with an NHS OpenAthens password

Refusal and resistance to care by people living with dementia being cared for within acute hospital wards: an ethnographic study.
[Staff approaches towards people living with dementia in acute hospitals are often both a response and trigger to the high levels of resistance to care observable in the setting.]
Freely available online

Spectral-domain OCT measurements in Alzheimer’s Disease: a systematic review and meta-analysis.
[OCT is a noninvasive tool to measure specific retinal layers in the eye. The relationship of retinal spectral-domain (SD) OCT measurements with Alzheimer’s disease (AD) and mild cognitive impairment (MCI) remains unclear. Hence, we conducted a systematic review and meta-analysis to examine the SD OCT measurements in AD and MCI. The results confirmed the associations between retinal measurements of SD OCT and AD, highlighting the potential usefulness of SD OCT measurements as biomarkers of AD.]
Available with an NHS OpenAthens password for eligible users

[Study findings of this meta-analysis suggest that MBE have the potential to improve various cognitive functions in people with MCI.]
Contact the library for a copy of this article
Guidelines

The following new guidance has recently been published:

**Risk reduction of cognitive decline and dementia.**
World Health Organization (WHO); 2019.
[The WHO Guidelines on risk reduction of cognitive decline and dementia provide evidence-based recommendations on lifestyle behaviours and interventions to delay or prevent cognitive decline and dementia.]

Reports

The following report(s) may be of interest:

**Goal-setting can help people with early-stage dementia improve function.**
NIHR Dissemination Centre; 2019.
[https://discove...](https://discove...)
[NIHR Signal. Goal-setting as part of cognitive rehabilitation delivered by occupational therapists helped people with early dementia progress towards independence in daily tasks, with benefits lasting for nine months. This approach focuses on the everyday tasks needing concentration and memory and prioritising those that matter most to individuals, from using the cooker or answering the phone.]

*Freely available online*

**New genes implicated in Alzheimer’s disease.**
The Mental Elf; 2019.
[A recent genome-wide meta-analysis identifies new loci and functional pathways influencing Alzheimer’s disease risk.]

*Freely available online*

**New type of dementia identified.**
NHS Behind the Headlines; 2019.
[An international team of researchers has proposed a name for a type of brain disease that causes dementia symptoms: Limbic-predominant Age-related TDP-43 Encephalopathy, or LATE. The researchers say it may explain why some recent trials of treatments for Alzheimer’s disease have been unsuccessful. They say treatments may have effectively treated the proteins that cause damage in Alzheimer’s disease, but LATE may have continued, masking any improvements to Alzheimer's symptoms.]

*Freely available online*
New books on the shelves at Poole Hospital Library:

Somebody I used to know / Mitchell, Wendy. (2018) WM225

This Bulletin was created by Su Keill, Librarian & Knowledge Specialist of NHS East Dorset Knowledge and Library Service.

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