

Foundational Competencies in Older Adult Mental Health

Cognition and Aging Part 2

References

Slide 4 - Delirium

- Oh, E. S., Fong, T. G., Hshieh, T. T., & Inouye, S. K. (2017). Delirium in Older Persons: Advances in Diagnosis and Treatment. *JAMA*, 318(12), 1161–1174. <https://doi.org/10.1001/jama.2017.12067>
- Marcantonio E. R. (2017). Delirium in Hospitalized Older Adults. *The New England journal of medicine*, 377(15), 1456–1466. <https://doi.org/10.1056/NEJMcp1605501>
- Cole, M. G., Ciampi, A., Belzile, E., & Zhong, L. (2009). Persistent delirium in older hospital patients: a systematic review of frequency and prognosis. *Age and ageing*, 38(1), 19–26. <https://doi.org/10.1093/ageing/afn253>
- Inouye, S. K., & Charpentier, P. A. (1996). Precipitating factors for delirium in hospitalized elderly persons. Predictive model and interrelationship with baseline vulnerability. *JAMA*, 275(11), 852–857.
- Inouye, S. K., Westendorp, R. G., & Saczynski, J. S. (2014). Delirium in elderly people. *Lancet (London, England)*, 383(9920), 911–922. [https://doi.org/10.1016/S0140-6736\(13\)60688-1](https://doi.org/10.1016/S0140-6736(13)60688-1)

Slide 5 - Symptoms of Delirium

- American Psychiatric Association. (2013). *Diagnostic and statistical manual of mental disorders* (5th ed.). <https://doi.org/10.1176/appi.books.9780890425596>
- Marcantonio E. R. (2017). Delirium in Hospitalized Older Adults. *The New England journal of medicine*, 377(15), 1456–1466. <https://doi.org/10.1056/NEJMcp1605501>

Slide 6 - Delirium Risk Factors

- Inouye, S. K., Westendorp, R. G., & Saczynski, J. S. (2014). Delirium in elderly people. *Lancet (London, England)*, 383(9920), 911–922. [https://doi.org/10.1016/S0140-6736\(13\)60688-1](https://doi.org/10.1016/S0140-6736(13)60688-1)

Slide 7 - Delirium at Any Age

- Levkoff, S., Cleary, P., Liptzin, B., & Evans, D. A. (1991). Epidemiology of delirium: an overview of research issues and findings. *International psychogeriatrics*, 3(2), 149–167. <https://doi.org/10.1017/s1041610291000625>
- Siddiqi, N., House, A. O., & Holmes, J. D. (2006). Occurrence and outcome of delirium in medical in-patients: a systematic literature review. *Age and ageing*, 35(4), 350–364. <https://doi.org/10.1093/ageing/afl005>
- Cole, M. G., Ciampi, A., Belzile, E., & Zhong, L. (2009). Persistent delirium in older hospital patients: a systematic review of frequency and prognosis. *Age and ageing*, 38(1), 19–26. <https://doi.org/10.1093/ageing/afn253>

Slide 8 - Depression

- Pantzar, A., Laukka, E. J., Atti, A. R., Fastbom, J., Fratiglioni, L., & Bäckman, L. (2014). Cognitive deficits in unipolar old-age depression: a population-based study. *Psychological medicine*, 44(5), 937–947. <https://doi.org/10.1017/S0033291713001736>
- Brodaty, H., & Connors, M. H. (2020). Pseudodementia, pseudo-pseudodementia, and pseudodepression. *Alzheimer's & dementia (Amsterdam, Netherlands)*, 12(1), e12027. <https://doi.org/10.1002/dad2.12027>
- Herrmann, L. L., Goodwin, G. M., & Ebmeier, K. P. (2007). The cognitive neuropsychology of depression in the elderly. *Psychological medicine*, 37(12), 1693–1702. <https://doi.org/10.1017/S0033291707001134>

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References

Slide 12 - Preclinical Stage

- Sperling, R.A., Aisen, P.S., Beckett, L.A., Bennett, D.A., Craft, S., Fagan, A.M, Iwatsubo, T., Jack Jr., C.R., Kaye, J., Montine, T.J., Park, D.C., Reiman, E.M., Rowe, C.C., Siemers, E., Stern, Y., Yaffe, K., Carrillo, M.C., THies, B., Morrison-Bogorad, M., Wagster, M.V., Phelps, C.H. Toward defining the preclinical stages of Alzheimer's disease: Recommendations from the National Institute on Aging-Alzheimer's Association workgroups on diagnostic guidelines for Alzheimer's disease. (2011) *Alzheimers Dement.* 7(3) 280-292. <https://doi.org/10.1016/j.jalz.2011.03.003>
- Petersen, R. C., Lopez, O., Armstrong, M. J., Getchius, T., Ganguli, M., Gloss, D., Gronseth, G. S., Marson, D., Pringsheim, T., Day, G. S., Sager, M., Stevens, J., & Rae-Grant, A. (2018). Practice guideline update summary: Mild cognitive impairment: Report of the Guideline Development, Dissemination, and Implementation Subcommittee of the American Academy of Neurology. *Neurology*, 90(3), 126–135. <https://doi.org/10.1212/WNL.0000000000004826>
- Ward, A., Tardiff, S., Dye, C., & Arrighi, H. M. (2013). Rate of conversion from prodromal Alzheimer's disease to Alzheimer's dementia: a systematic review of the literature. *Dementia and geriatric cognitive disorders extra*, 3(1), 320–332. <https://doi.org/10.1159/000354370>

Slide 13 - Alzheimer's Disease

- 2021 Alzheimer's disease facts and figures. (2021). *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 17(3), 327–406. <https://doi.org/10.1002/alz.12328>

Slide 14 - Alzheimer's Disease and Memory

- Weintraub, S., Wicklund, A. H., & Salmon, D. P. (2012). The neuropsychological profile of Alzheimer disease. *Cold Spring Harbor perspectives in medicine*, 2(4), a006171. <https://doi.org/10.1101/cshperspect.a006171>

Slide 15 - Alzheimer's Disease Progression

- 2021 Alzheimer's disease facts and figures. (2021). *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 17(3), 327–406. <https://doi.org/10.1002/alz.12328>

Slide 16-19 - Cerebrovascular Disease

- 2021 Alzheimer's disease facts and figures. (2021). *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 17(3), 327–406. <https://doi.org/10.1002/alz.12328>
- Kalaria R. N. (2018). The pathology and pathophysiology of vascular dementia. *Neuropharmacology*, 134(Pt B), 226–239. <https://doi.org/10.1016/j.neuropharm.2017.12.030>
- Tariq, S., & Barber, P. A. (2018). Dementia risk and prevention by targeting modifiable vascular risk factors. *Journal of neurochemistry*, 144(5), 565–581. <https://doi.org/10.1111/jnc.14132>
- Desmond D. W. (2004). The neuropsychology of vascular cognitive impairment: is there a specific cognitive deficit?. *Journal of the neurological sciences*, 226(1-2), 3–7. <https://doi.org/10.1016/j.jns.2004.09.002>

Slide 20 - Lewy Body Disease

- Lewy Body Dementia Association. 2017. Diagnosing and Managing Lewy Body Dementia: A Comprehensive Guide for Healthcare Professionals. Retrieved from

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References

<https://www.lbda.org/wp-content/uploads/2011/02/3737-lbda-physicians-book-22dec17.pdf>

Slide 21 - Frontotemporal Lobar Degeneration

- Alzheimer's Association. 2021 Alzheimer's disease facts and figures. (2021). *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 17(3), 327–406. <https://doi.org/10.1002/alz.12328>

Slide 28 - Cognitive Screening Tools

- Tombaugh, T. N., McDowell, I., Kristjansson, B., & Hubley, A. M. (1996). Mini-Mental State Examination (MMSE) and the Modified MMSE (3MS): A psychometric comparison and normative data. *Psychological Assessment*, 8(1), 48–59. <https://doi.org/10.1037/1040-3590.8.1.48>
- Julayanont, P., Phillips, N., Chertkow, H., & Nasreddine, Z. S. (2013). Montreal Cognitive Assessment (MoCA): Concept and clinical review. In A. J. Larner (Ed.), *Cognitive screening instruments: A practical approach* (p. 111–151). Springer-Verlag Publishing. https://doi.org/10.1007/978-1-4471-2452-8_6
- MacLulich, A. M., Shenkin, S. D., Goodacre, S., Godfrey, M., Hanley, J., Stíobhairt, A., Lavender, E., Boyd, J., Stephen, J., Weir, C., MacRaid, A., Steven, J., Black, P., Diernberger, K., Hall, P., Tiegies, Z., Fox, C., Anand, A., Young, J., Siddiqi, N., ... Gray, A. (2019). The 4 'A's test for detecting delirium in acute medical patients: a diagnostic accuracy study. *Health technology assessment (Winchester, England)*, 23(40), 1–194. <https://doi.org/10.3310/hta23400>
- Wei, L. A., Fearing, M. A., Sternberg, E. J., & Inouye, S. K. (2008). The Confusion Assessment Method: a systematic review of current usage. *Journal of the American Geriatrics Society*, 56(5), 823–830. <https://doi.org/10.1111/j.1532-5415.2008.01674.x>

Slide 34 - Communicating with Older Adults Living with Alzheimer's Dementia

- Fried-Oken, M., Mooney, A., & Peters, B. (2015). Supporting communication for patients with neurodegenerative disease. *NeuroRehabilitation*, 37(1), 69–87. <https://doi.org/10.3233/NRE-151241>

Slide 38 - Behavioral Management of Delirium

- Fong, T. G., Tulebaev, S. R., & Inouye, S. K. (2009). Delirium in elderly adults: diagnosis, prevention and treatment. *Nature reviews. Neurology*, 5(4), 210–220. <https://doi.org/10.1038/nrneurol.2009.24>

Slide 40 - Sundowning

- Canevelli, M., Valletta, M., Trebbastoni, A., Sarli, G., D'Antonio, F., Tariciotti, L., de Lena, C., & Bruno, G. (2016). Sundowning in Dementia: Clinical Relevance, Pathophysiological Determinants, and Therapeutic Approaches. *Frontiers in medicine*, 3, 73. <https://doi.org/10.3389/fmed.2016.00073>
- Khachiyants, N., Trinkle, D., Son, S. J., & Kim, K. Y. (2011). Sundown syndrome in persons with dementia: an update. *Psychiatry investigation*, 8(4), 275–287. <https://doi.org/10.4306/pi.2011.8.4.275>

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References

- Alzheimer's Association. (2022). Sleep Issues and Sundowning. Alzheimer's Disease and Dementia. <https://www.alz.org/help-support/caregiving/stages-behaviors/sleep-issues-sundowning>

Slide 41 - Managing Unhelpful behaviors

- Cohen-Mansfield J. (2013). Nonpharmacologic treatment of behavioral disorders in dementia. *Current treatment options in neurology*, 15(6), 765–785. <https://doi.org/10.1007/s11940-013-0257-2>

Slide 42 - Prevention

- Cacabelos, R., Takeda, M., & Winblad, B. (1999). The glutamatergic system and neurodegeneration in dementia: preventive strategies in Alzheimer's disease. *International journal of geriatric psychiatry*, 14(1), 3–47. [https://doi.org/10.1002/\(sici\)1099-1166\(199901\)14:1<3::aid-gps897>3.0.co;2-7](https://doi.org/10.1002/(sici)1099-1166(199901)14:1<3::aid-gps897>3.0.co;2-7)
- Ahlskog, J. E., Geda, Y. E., Graff-Radford, N. R., & Petersen, R. C. (2011). Physical exercise as a preventive or disease-modifying treatment of dementia and brain aging. *Mayo Clinic proceedings*, 86(9), 876–884. <https://doi.org/10.4065/mcp.2011.0252>
- Morris, M. C., Tangney, C. C., Wang, Y., Sacks, F. M., Barnes, L. L., Bennett, D. A., & Aggarwal, N. T. (2015). MIND diet slows cognitive decline with aging. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 11(9), 1015–1022. <https://doi.org/10.1016/j.jalz.2015.04.011>
- Sabia, S., Fayosse, A., Dumurgier, J., van Hees, V. T., Paquet, C., Sommerlad, A., ... & Singh-Manoux, A. (2021). Association of sleep duration in middle and old age with incidence of dementia. *Nature Communications*, 12(1), 1-10.