
JINS VIRTUAL ISSUE

Mild Cognitive Impairment

This special issue on Mild Cognitive Impairment (MCI) is composed of papers previously published in the *Journal of the International Neuropsychological Society*, with an introduction by internationally recognized neuropsychologists Mark Bondi and Glenn Smith, who are experts in normal aging, mild cognitive impairment, and dementia. Their introduction delineates the challenges of accurately diagnosing mild cognitive impairment, and the advantages of utilizing detailed neuropsychological measures rather than screening tests to make such diagnoses – especially given their enhanced association with biomarkers. Finally, this set of papers includes research that documents functional deficits in MCI, which is a challenge to the differential diagnosis of MCI and dementia.

Brooks, B.L., Iverson, G.L., Holdnack, J.A., & Feldman, H.H. (2008). Potential for Misclassification of Mild Cognitive Impairment: A Study of Memory Scores on the Wechsler Memory Scale-III in Healthy Older Adults. *Journal of the International Neuropsychological Society*, 14(3), pp. 463–478.

Howieson, D.B., Carlson, N.E., Moore, M.M., Wasserman, D., Abendroth, C.D., Payne-Murphy, J., & Kaye, J.A. (2008). Trajectory of Mild Cognitive Impairment Onset. *Journal of the International Neuropsychological Society*, 14(2), pp. 192–198.

Libon, D.J., Xie, S.X., Eppig, J., Wicas, W., Lamar, M., Lippa, C., Bettcher, B.M., Price, C.C., Giovannetti, T., Swenson, R., & Wambach, D.M. (2010). The Heterogeneity of Mild Cognitive Impairment: A Neuropsychological Analysis. *Journal of the International Neuropsychological Society*, 16(1), pp. 84–93.

Clark, L.R., Delano-Wood, L., Libon, D.J., McDonald, C.R., Nation, D.A., Bangen, K.J., Jak, A.J., Au, R., Salmon, D.P., & Bondi, M.W. (2013). Are Empirically-Derived Subtypes of Mild Cognitive Impairment Consistent with Conventional Subtypes? *Journal of the International Neuropsychological Society*, 19(6), pp. 635–645.

Nordlund, A., Rolstad, S., Klang, O., Lind, K., Pedersen, M., Blennow, K., Edman, Å., Hansen, S., & Wallin, A. (2008). Episodic Memory and Speed/Attention Deficits are Associated with Alzheimer-Typical CSF Abnormalities in MCI. *Journal of the International Neuropsychological Society*, 14(4), pp. 582–590.

Hantke, N., Nielson, K.A., Woodard, J.L., Guidotti Breting, L.M., Butts, A., Seidenberg, M., Smith, J.C., Durgerian, S., Lancaster, M., Matthews, M., Sugarman, M.A., & Rao, S.M. (2013). Comparison of Semantic and Episodic Memory BOLD fMRI Activation in Predicting Cognitive Decline in Older Adults. *Journal of the International Neuropsychological Society*, 19(1), pp. 11–21.

Stricker, N.H., Salat, D.H., Foley, J.M., Zink, T.A., Kellison, I.L., McFarland, C.P., Grande, L.J., McGlinchey, R.E., Milberg, W.P., & Leritz, E.C. (2013). Decreased White Matter Integrity in Neuropsychologically Defined Mild Cognitive Impairment Is Independent of Cortical Thinning. *Journal of the International Neuropsychological Society*, 19(8), pp. 925–937.

Aretouli, E., Okonkwo, O.C., Samek, J., & Brandt, J. (2011). The Fate of the 0.5s: Predictors of 2-Year Outcome in Mild Cognitive Impairment. *Journal of the International Neuropsychological Society*, 17(2), pp. 277–288.

Sherod, M.G., Griffith, H.R., Copeland, J., Belue, K., Krzywanski, S., Zamrini, E.Y., Harrell, L.E., Clark, D.G., Brockington, J.C., Powers, R.E., & Marson, D.C. (2009). Neurocognitive Predictors of Financial Capacity Across the Dementia Spectrum: Normal Aging, Mild Cognitive Impairment, and Alzheimer's Disease. *Journal of the International Neuropsychological Society*, 15(2), pp. 258–267.

Okonkwo, O.C., Griggith, H.R., Belue, K., Lanza, S., Zamrini, E.Y., Harrell, L.E., Brockington, J.C., Clark, D., Raman, R., & Marson, D.C. (2008). Cognitive Models of Medical Decision-Making Capacity in Patients with Mild Cognitive Impairment. *Journal of the International Neuropsychological Society*, 14(2), pp. 297–308.

Bangen, K.J., Jak, A.J., Schiehser, D.M., Delano-Wood, L., Tuminello, E., Han, S.D., Delis, D.C., & Bondi, M.W. (2010). Complex Activities of Daily Living Vary by Mild Cognitive Impairment Subtype. *Journal of the International Neuropsychological Society*, 16(4), pp. 630–639.

Although the print version of the Introduction to this Virtual Issue is in this current issue of *JINS*, the entire Virtual Issue, including the papers, which have already been published in *JINS*, can be found online at <http://journals.cambridge.org/JINSMCI>.