

PEER REVIEWED JOURNAL PUBLICATIONS

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- Shankle WR, Romney AK, Hara J, et al. Method to improve the detection of mild cognitive impairment. *PNAS*. 2005; 102(13):4919-24.
- Trenkle D, Shankle WR, Azen SP. Detecting Cognitive Impairment in Primary Care: Performance Assessment of Three Screening Instruments. *Journal of Alzheimer's Disease*. 2007; 11(3):323-335.
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- Rafii M, Taylor C, Coutinho A, Kim K, Galasko D. Comparison of the memory performance index with standard neuropsychological measures of cognition. *Am J Alzheimers Dis Other Dement*. 2011; 26(3):235-9.
- Snyder PJ, Jackson CE, Petersen RC, et al. Assessment of cognition in mild cognitive impairment: a comparative study. *Alzheimers Dement*. 2011; 7(3):338-55.
- Pooley JP, Lee MD, Shankle WR. Understanding Alzheimer's using memory models and hierarchical Bayesian analysis. *Journal of Mathematical Psychology*. 2011;55:47-56.

- Hachinski V, Oveisgharan S, Romney AK, Shankle WR. Optimizing The Hachinski Ischemic Scale. *Archives of Neurology*. 2012; 69(2):169-175. (Epub ahead of print on October 10, 2011)
- Shankle WR, Pooly J, Steyvers M, Hara J, Mangrola T, Reisberg B, Lee MD. Relating Memory To Functional Capacity In Normal Aging to Dementia Using Hierarchical Bayesian Cognitive Processing Models. *ADAD*. (in press)
- Shankle WR, Hara J, Mangrola M, Alva G, Lee MD. Generative Modeling Methods For Analyzing Clinical Trial Data: Hierarchical Bayesian Cognitive Processing Models. *Alzheimer's & Dementias*. (in press)

CONFERENCE PRESENTATIONS

- Shankle, W. R., Shankar, K., Hara, J., "Screening Large Populations to Detect Early Stages of Alzheimer's Disease and Related Disorders: *Comparison of Available Screening Tests with The Mental Skills Test*", The 9th International Conference on Alzheimer's Disease and Related Disorders, Philadelphia, July 2004.
- Shankle, W. R., Fortier, D., Hara, J., Chen, J. M., Chan, T., Sun, S., Clark, A., "Optimal Properties of an Integrated Healthcare Approach to Alzheimer's Disease and Related Disorders", The 9th International Conference on Alzheimer's Disease and Related Disorders, Philadelphia, July 2004.
- Shankle, W. R., "Toward Prevention of Alzheimer's Disease and Related Disorders: Risk Factor and Treatment Identification With Evidenced- Based Medicine", Alzheimer's Prevention Conference, Poster Presentation, Chicago, June 2005.
- Shankle, W.R., Tsai, W., Chan, T., Chen, J., "Early Detection of Alzheimer's Disease and Related Disorders in Primary Care Practice", American Academy of Family Physician, Oral Presentation, San Francisco, October 2005.
- Hara, J. and Shankle, W.R., "Estimating Overall Alzheimer's Disease Risk with Evidenced-Based Methods: Toward Prevention", The 10th International Conference on Alzheimer's Disease and Related Disorders, Poster Presentation, Madrid, July 2006.
- Trenkle, D., Shankle, W.R., Chan, T., and Hara, J., "Screening for Mild Cognitive Impairment in Primary Care Settings", The 10th International Conference on Alzheimer's Disease and Related Disorders, Poster Presentation, Madrid, July 2006.
- Shankle, W.R. and Hara, J., "Large Sample Analyses of AD and ADRD Risk Factors", Alzheimer's Association International Conference on Prevention of Dementia, Poster Presentation, Washington DC, June, 2007
- Shankle, W.R., Trenkle, D. and Hara, J. "Clinical Validity of Routine Screening for Memory Loss", The Vas-Cog 2007, San Antonio, TX, July 2007.
- Shankle, W.R. "Towards Recommending Early Detection of Alzheimer's Disease and Related Disorders: What Is Needed?", GAS 2007, Workshop: Research Directions to Support Global Dementia Screening, San Francisco, Nov 2007.
- Shankle WR, CALA Spring 2008, San Jose, 2008.
- Huang G, Shankle WR, and Hara J. IVIG therapy in Alzheimer's and Lewy body disease. The 11th International Conference on Alzheimer's Disease and Related Disorders. Poster Presentation, Chicago, July 2008.

- Shankle WR, Hara J, Mangrola T, Chan T. Validation of the Memory Performance Index: Aggregated Analysis of 38,000 Subjects. The 11th International Conference on Alzheimer's Disease and Related Disorders. Poster Presentation, Chicago, July 2008.
- Shankle WR, Hara J, Mangrola T, Chan T. Reducing Noise In Clinical Trials: Improving The ADAS-Cog Scoring. The 11th International Conference on Alzheimer's Disease and Related Disorders. Poster Presentation, Chicago, July 2008.
- Hara J and Shankle WR. Disease delaying effects of 5-year treatment of early stage Alzheimer's disease: A case series. The 11th International Conference on Alzheimer's Disease and Related Disorders. Poster Presentation, Chicago, July 2008.
- Shankle WR and Hara J, Longitudinal Measure of IVIG Treatment Effect in Patients with Alzheimer's and Lewy Body Disease. American Academy of Neurology Annual Meeting. Poster Presentation, Seattle, April 2009.
- Shankle WR, Hara J, Huang G and Cordola A. Longitudinal Measure of IVIG Treatment Effect in Patients with Alzheimer's and Lewy Body Disease. ICAD 2009. Poster Presentation, Vienna, July 2009.
- Shankle WR et al. Reducing noise in the ADASCOG Wordlist task. ICAD 2009. Oral Presentation, Vienna, July 2009.
- Shankle WR. Reducing Measurement error Using the Memory Performance Index. Clinical Trail in Alzheimer's Disease. Oral Presentation. Las Vegas. October 2009.
- Shankle WR, Fleisher A, Rafii M, Ferris SH, Peterson R, Aisen P. Effect of list word presentation order on noise level in verbal memory tasks. ICAD 2010. Poster Presentation, Hawaii, July 2010.
- Shankle WR, Alva G, Lee MD. Bayesian cognitive models increase sensitivity for detecting treatment effect: Analysis of Flurizan phase 3 trial data. ICAD 2010. Poster Presentation, Hawaii, July 2010.
- Hara J, Masatsugu K, Shankle WR. IVIg treatment in Alzheimer's and Lewy body disease: Potential disease delaying effect. ICAD 2010. Poster Presentation, Hawaii, July 2010.
- Shankle WR, Oveisgharan S, Hachinski V. Optimizing the Hachinski Ischemic Scale. ICAD 2010. Poster Presentation, Hawaii, July 2010.
- Shankle WR. Alzheimer's Disease: Prevention and Early Detection. The Osteopathic Physicians and Surgeons of California 50th Annual Convention. Keynote Presentation, San Diego, CA, February 2011.
- Shankle WR. MCI Screen. NIA Workshop: Assessment of Cognition in Early Dementia. Bethesda, MD, March 31-April 1, 2010.
- Shankle WR. Preventing Alzheimer's Disease. Hoag Neurosciences Symposium 2011. Oral Presentation, Newport Beach, CA, March 2011.
- Shankle WR and Lee MD. Application of Hierarchical Bayesian Cognitive Processing Models in Clinical Trials for Alzheimer's Disease. AAN 2011. Poster Presentation, Hawaii, April 2011.
- Shankle WR and Hara J. Long-Term IVIg Treatment Delays Progression of Alzheimer's and Lewy Body Disease. ICAD 2011. Poster Presentation, Paris, July 2011.
- Shankle WR, Pooley JP, Steyvers M, Hara J, Reisberg B, Lee MD. Relating Memory To Functional Capacity From Normal Aging to Dementia Using Hierarchical Bayesian Cognitive Processing Models. ICAD 2011. Poster Presentation, Paris, July 2011.

- Shankle WR, Dick-Muehlke C, Brant-Zawadzki M, Hara J, Fortier D, Holnagel D, Keeble C, Nguyen NG, Capell S. Orange County Vital Aging Program: A Community-Based Approach to Reduce Impact of Alzheimer's Disease on Health Care Resources. ICAD 2011. Poster Presentation, Paris, July 2011.
- Shankle WR, Atri A, Hendrix S. Improving Measurement Methodology To Detect Treatment Effect In Clinical Trials. 2011 CTAD Symposium. San Diego, November 2011.
- Shankle WR, Hara J, Brant-Zawadzki M, Fortier D, Holnagel D, Keeble D, Nguyen NG. Orange County Vital Aging Program: A Community-Based Approach to Reduce Impact of Alzheimer's Disease on Health Care Resources. Poster presentation. AAN2012. New Orleans, April 2012.