

Bibliography for: Facilitating Functional Cognitive Rehabilitation

Pilot Study for Functional Cognitive Activities Approach

[Functional Cognitive Activities for Adults with Traumatic Brain Injury: Pilot Case Studies \(Ashley Cook, Karen Huang, Ajay Pala\) Dominican University May 2017](#)

Time Management in Functional Cognition

Alderman, N., Burgess, P.W., Knight, C., & Henman, C.: (2003). Ecological validity of a simplified version of the multiple errands shopping test. *Journal of the International Neuropsychological Society* 9, 31–44.

Bisson N, Tobin S, Grondin S (2012) Prospective and Retrospective Time Estimates of Children: A Comparison Based on Ecological Tasks. *PLoS ONE* 7(3):e33049

Burgess, P.W. (2000). Strategy application disorder: The role of the frontal lobe in human multitasking research. *Psychological Research*, 63, 279–288.

Burgess, P.W., Alderman, N., Evans, J., Emslie, H., & Wilson, B.A. (1998). The ecological validity of executive function. *Journal of the International Neuropsychological Society*, 4, 547-558.

Kersey, J., Juengst, S. B., & Skidmore, E. (2019). Brief Report—Effect of strategy training on self-awareness of deficits after stroke. *American Journal of Occupational Therapy*, 73, 7303345020.

Morrison. M.Tracy, Giles, Gordon Muir, Ryan, Jennifer D., Baum, Carolyn M., Dromerick, Alexander W., Polatajko, Helene J., Edwards, Dorothy F.. (2013) Multiple Errands Test–Revised (MET–R): A performance-based measure of executive function in people with mild cerebrovascular accident. *American Journal of Occupational Therapy*, 67, 460–468.

Occupation Based Therapy for Functional Cognition

American Occupational Therapy Association (2002). Occupational therapy practice framework: Domain and Practice. *American Journal of Occupational Therapy*, 56, pp. 609-639

Bolina, Monika, Jones, C. Allyson, Koshman, Sheri, Heintz, Erin, Sadowski, Cheryl A. Documentation for Functional Medication Management in Older Adults: A Retrospective Chart Review in Acute Care Hospitalization. *Drugs – Real World Outcomes* (2016) 3:401-407

Boman, L., Lindstedt, M., Hemmingsson, H. & Bartfai, A. (2004) Cognitive training in home environment. *Brain Injury*. Vol. 18, No. 10, 985 – 995

Giles, G.M., Edwards, D.F., Morrison, M.T., Baum, C., & Wolf, T.J. (2017). Health Policy Perspectives: Screening for functional cognition in post acute care and the Improving Medicare Post-Acute Transformation (IMPACT) Act of 2014. *Am. J. of Occupational Therapy*, Sept/Oct 2017, Vol. 71, Number 5, p 1-6.

Godbout, M. C., Grenier, C. M., Braun, J. & Gagnon, S. (2005) Cognitive structure of executive deficits in patients with frontal lesions performing activities of daily living. *Brain Injury*, 19(5): 337–348

Lillie, R., Mateer, C.A. (2006) Constraint-based therapies as a proposed model for cognitive rehabilitation. *Journal of Head Trauma Rehabilitation*. Vol. 21, No. 2, pp. 119-130.

Martin, Roy C., PhD; Triebel, Kristen, PsyD; Dreer, Laura E., PhD; Novack, Thomas A., PhD; Turner, Crystal, BS; Marson, Daniel C., JD, PhD. (2012) Neurocognitive predictors of financial capacity in traumatic brain injury. *J Head Trauma Rehabil*, Vol. 27, No. 6, pp. E81–E90.

Nott, Melissa T.; Chapparo, Christine; Heard, Robert (2008). Effective occupational therapy intervention with adults demonstrating agitation during post-traumatic amnesia. *Brain Injury*, Volume 22, Issue 9, 669 – 683

Peterson, E., Villegas, B. *Functional Learning for the Home and Community: Techniques and Strategies to Assist Clients Return to Life*. (Gaylord, MI: Northern Speech Services), 2002.

Rubio, K. B., Gillen, G. Treatment of cognitive-perceptual deficits: A function-based approach. In: Gillen, G., Burkhardt, A., editors. *Stroke Rehabilitation: A Function-Based Approach*. St. Louis, MO: Mosby; 2004. pp. 427- 446

Shanahan, Lucie; McAllister, Lindy; Curtin, Michael (2011) The Party Planning Task: A useful tool in the functional assessment of planning skills in adolescents with TBI *Brain Injury*, October 2011; 25(11):1080-1090.

Stephens, Jaclyn A., Williamson, Karen-Nicole C & Berryhill, Marian E. (2015). *Cognitive Rehabilitation After Traumatic Brain Injury: A Reference for Occupational Therapists*. *OTJR: Occupation, Participation and Health*, 2015, Vol. 35 (1), 5-22.

Toglia JP. A dynamic interactional model to cognitive rehabilitation. In: Katz N, editor. *Cognition and Occupation Across the Life Span: Models for Intervention in Occupational Therapy*. Bethesda, MD: American Occupational Therapy Association; 2004. pp 10-72.

Toglia, J., Kirk, U. (2000) Understanding awareness deficits following brain injury. *Neurorehabilitation* 15, 57–70.

Toglia, J., Lahav, O., Ben Ari, E. & Kizony, R. (2017). Adult age and cultural difference in performance on the Weekly Calendar Planning Activity (WCPA). *American Journal of Occupational Therapy*, 71, Sept/Oct 2017, Vol 71, Number 5.

Weiner, N. W., Toglia, J., & Berg, C. (2012). Weekly Calendar Planning Activity (WCPA): A performance-based assessment of executive function piloted with at-risk adolescents. *American Journal of Occupational Therapy*, 66, 699–708.

General Topics in Functional Cognition

Andrews, Glenda, Halford, Graeme S., Shum, David H.K., Maujean, Annick, Chappell, Mark, & Birney, Damian P. Verbal learning and memory following stroke. *Brain Injury*, 2014, 28 (4), 442-447.

Corrigan, John D., A "new" way to do research: The TBI practice-based evidence study. *THE Challenge!*, Brain Injury Assoc. of America, Vol. 9, Issue 3, Summer 2015, p 4-8.

Eastvold, Angela D. PhD; Walker, William C. PhD; Curtiss, Glenn PhD; Schwab, Karen PhD; Vanderploeg, Rodney D. PhD. (2013) The Differential Contributions of Posttraumatic Amnesia Duration and Time Since Injury in Prediction of Functional Outcomes Following Moderate-to-Severe Traumatic Brain Injury *J Head Trauma Rehabil*, Vol. 28, No. 1, pp. 48–58

Katz, N.: *Cognition & Occupation Across the Lifespan: Models for intervention in occupational therapy* (Rockville, MD: American Occupational Therapy Association), 2004.

Levine, B., Stuss, D.T., Milberg, W.P., Alexander, M.P., Schwartz, M., & Macdonald, R. (1998). The effects of focal and diffuse brain damage on strategy application: Evidence from focal lesions, traumatic brain injury and normal aging. *Journal of the International Neuropsychological Society*, 4, 247–264.

Marcotte, Thomas, Grant, Igor, *Neuropsychology of Everyday Functioning*. (New York: The Guilford Press) 2010

Sohlberg, M. M. and Mateer, C. A.: *Cognitive Rehabilitation: An Integrative Neuropsychological Approach* (New York: The Guilford Press), 2001.

Sohlberg, M. M. and Mateer, C. A.: *Introduction to Cognitive Rehabilitation* (New York: Guilford Press), 1989.

Self Awareness of Cognitive Deficits

Arnadottir, G. Impact of neurobehavioral deficits on activities of daily living. In: Gillen, G., Burkhardt, A., editors. *Stroke Rehabilitation: A Function-Based Approach*. St. Louis, MO: Mosby); 2004. pp. 376- 426

Bottari, C., Swaine, B., Dutil, E. (2007) Interpreting activity of daily living errors for treatment and discharge planning: the perception of occupational therapists. *Journal of Head Trauma Rehabilitation* Vol. 22, No. 1, pp. 26-30

Gordon, W. A., Cantor, J., Ashman, T., Brown, M. (2004) Treatment of post-tbi executive dysfunction application of theory to clinical practice. *Journal of Head Trauma Rehabilitation*, 21 (2): 156- 167. Goverover, Y., Johnston, M., Toglia, J., Deluca, J., (2007) Treatment to improve self-awareness in persons with acquired brain injury. *Brain Injury*, Vol. 21, No. 9: 913-923

Toglia, Joan., Johnston, Mark V., Goverover, Yael., Dain, Barry. (2010). A multicontext approach to promoting transfer of strategy use and self-regulation after brain injury: An exploratory study. *Brain Injury*, Vol. 24, No. 4 : Pages 664-677.

Compensatory Techniques

Bergman, M. M. (2002) The benefits of a cognitive orthotic in brain injury rehabilitation. *Journal of Head Trauma Rehabilitation*. Vol. 15, No. 5, pp. 431-445

Fleming, J. M., Shum, D., Strong, J., & Lightbody, S. (2005) : Prospective memory rehabilitation for adults with traumatic brain injury: A compensatory training programme. *Brain Injury*, 19(1): 1–10

Levine, B., Robertson, I., Clare, L., Carter, G., Hong, J., Wilson, B.A., Duncan, J., & Stuss, D.T. (2000). Rehabilitation of executive functioning: An experimental-clinical validation of goal management training. *Journal of the International Neuropsychological Society*, 6, 299–312.

Manly, T., Hawkins, K., Evans, J., & Robertson, I. H. (2002). Rehabilitation of executive function: Facilitation of effective goal management on complex tasks using periodic auditory alerts. *Neuropsychologia*, 40, 271–281.

Murdo M. Dowds, PhD; Patricia H. Lee, MA; Jeffrey B. Sheer, PhD; Therese M. O’Neil-Pirozzi, ScD; Annette Xenopoulos-Oddsson, MSc(A); Richard Goldstein, PhD; Kathryn L. Zainea, MS; Mel B. Glenn, MD (2011) Electronic Reminding Technology Following Traumatic Brain Injury: Effects on Timely Task Completion *J Head Trauma Rehabilitation* Vol. 26, No. 5, pp. 339–347.

Shallice, T. & Burgess, P.W. (1991a). Deficits in strategy application following frontal lobe damage in man. *Brain*, 114, 727– 741.

Environmental Management in Functional Cognition

Boyd, T.M., Sautter, C. M. (1993) Route finding: a measure of everyday executive functioning in the head injured adult. *Applied Cognitive Psychology*. Vol. 7, 171-181

Cho, Young Susan, Sohlberg, M. M., Training Adults with Brain Injury How to Help-Seek When Lost: A Pilot Study. *Brain Impairment*, Vol. 10 No. 2 September 2015 pp 90-103

Ehlhardt, L. A., Sohlberg, M. M., Glang, A., & Albin, R. (2005) TEACH-M: A pilot study evaluating an instructional sequence for persons with impaired memory and executive functions. *Brain Injury*, 19(8): 569–583

Sohlberg, M. M., Fickas, S., Hung, P. F., & Fortier, A.: (May 2007) A comparison of four prompt modes for route finding for community travellers with severe cognitive impairments. *Brain Injury* ; 21(5): 531-538.

Evaluation of Functional Cognitive Deficits

Hofheinz M, Mibs M. The prognostic validity of the timed up and go test with a dual task for predicting the risk of falls in the elderly. *Geront Geriatr Med*. 2016; 2:2333721416637798.

Knight, C., Alderman, N., & Burgess, P.W. (2002). Development of a simplified version of the multiple errands test for use in hospital settings. *Neuropsychological Rehabilitation*, 12, 231– 255.

Manchester, D., Priestly, N., Jackson, H., (2004) The assessment of executive functions: coming out of the office. *Brain Injury*, 18 (11), 1067 – 1081.

McCulloch, Karen L., Buxton, Elizabeth, Hackney, Jessica, Lowers, Sean, (2010) Balance, Attention, and Dual-Task Performance during walking after brain injury: Association with falls history. *J. Head Trauma Rehabil*, 25, No. 3 pp. 155-163.

Scherer, Matthew & Weightman, Margaret & Radomski, Mary & Davidson, Leslie & McCulloch, Karen. (2013). Returning Service Members to Duty Following Mild Traumatic Brain Injury: Exploring the Use of Dual-Task and Multitask Assessment Methods. *Physical therapy*. 93. 10.2522/ptj.20120143.

Toglia, J., & Berg, C. (2013). Performance-based measure of executive function: Comparison of community and at-risk youth. *American Journal of Occupational Therapy*, 67, 515–523.

Wesson, J., Clemson, L., Brodaty, H., & Reppermund, S. (2016). Estimating functional cognition in older adults using observational assessments of task performance in complex everyday activities: A systematic review and evaluation of measurement

properties. *Neuroscience and Behavioral Reviews*, 68, 335-360.

Wilson, B. A., Evans, J. J., Emslie, H. et al. (1998). The development of an ecologically valid test for assessing patients with a dysexecutive syndrome. *Neuropsychological Rehabilitation*, 8: 213–228.