Functional Cognitive Activities for Adults with Traumatic Brain Injury: Pilot Case Studies

Karen Huang
*Dominican University of California*

Ashley Cook
*Dominican University of California*

Ajay Pala
*Dominican University of California*

**Survey:** Let us know how this paper benefits you.
Follow this and additional works at: [https://scholar.dominican.edu/ug-student-posters](https://scholar.dominican.edu/ug-student-posters)

Part of the [Occupational Therapy Commons](https://scholar.dominican.edu/ug-student-posters/61)

**Recommended Citation**
[https://scholar.dominican.edu/ug-student-posters/61](https://scholar.dominican.edu/ug-student-posters/61)

This Presentation is brought to you for free and open access by the The Dominican Experience at Dominican Scholar. It has been accepted for inclusion in Student Research Posters by an authorized administrator of Dominican Scholar. For more information, please contact michael.pujals@dominican.edu.
FUNCTIONAL COGNITIVE ACTIVITIES APPROACH

The Functional Cognitive Activities (FCA) approach was developed to improve everyday occupational performance in adults with TBI through the utilization of a task-centered approach involving the three global elements. The FCA approach is designed to generalize learned skills in a therapy setting in order to engage in meaningful occupations across a variety of context. The purpose of these pilot case studies is to provide preliminary evidence to determine the effectiveness of the FCA approach for improving generalizability in adults with TBI.

3 Global Elements

- Interpersonal Relationships
  - The ability to initiate communication with others, utilize appropriate behavior in a group, understand tasks and reading materials, follow commands, regulate emotions, correct errors, have insight of others, utilize appropriate behavior in a group.

- Environmental
  - The ability to visually scan, orient self to place, arrange workplaces appropriately in order to complete the task, acknowledge safety hazards, safely navigate, and use a map and/or compensatory devices.

- Time Parameters
  - The ability to initiate tasks and estimate the time needed to complete them, follow schedules, orient to the time of day, and manage multiple tasks at once.

CONCLUSION AND RECOMMENDATIONS

Conclusion

- The FCA approach can be an effective method for facilitating the generalization of functional cognition skills in daily occupations across contexts and environments for adults with TBI.
- The FCA approach can guide therapists to evaluate an individual's cognitive performance level and determine the proper amount of support needed in order to be able to adhere to a time schedule.

Recommendations

- Formal training of the implementation of the approach prior to beginning treatment sessions with participants.
- More thorough selection process including an interview with the potential participants regarding their acceptance of their condition.
- Involving caregivers in intervention goals and implementation to avoid caregiver barriers.

REFERENCES