

**EFFECTS OF IN-HOME PARENT TRAINING FOR PARENTS OF CHILDREN WITH ATTENTION DEFICIT HYPERACTIVITY DISORDER (ADHD) BASED ON RESULTS OF A BRIEF FUNCTIONAL ANALYSIS**

Eileen Cormier, PHD, RN  
Florida A&M University  
School of Nursing  
216 Ware Rhaney Building  
Tallahassee FL 32307

Assessment-Based Parent Training

The purpose of the study was to examine the effects of in-home parent training (PT) for parents of children diagnosed with attention deficit hyperactivity disorder (ADHD), based on the results of brief functional analysis. Specifically, the study assessed the effects of individualized PT on (a) parents' ratings of child behavior, (b) direct observation frequencies of parent and child behavior, (c) parents' perceptions of self-efficacy, and (d) parents' knowledge of ADHD. The theoretical framework incorporated self-efficacy theory; King's theory of goal attainment; and contributions of behavioral, learning, and family systems theory into the development of parent training approaches.

A single-case experimental design with three participants and their mothers was used. The study was conducted in two phases for each family. In Phase I, a 90-minute functional analysis assessment was conducted. The functional assessment identified maintaining contingencies of problem behaviors and consisted of a series of analogue conditions lasting 10 minute or less, including replication conditions to verify findings. In Phase II, individualized behavioral interventions were implemented and evaluated. Parents, rather than trained experts, functioned as therapists and implemented the behavioral interventions.

Positive treatment effects were demonstrated on parent and child behaviors, parents' perceived self-efficacy, and parents' knowledge of ADHD for two of three parent and child participants. The interventions received high treatment acceptability ratings from these two parents. This study may be among the first to demonstrate the efficacy of functional assessment-based interventions in the context of a collaborative parent training protocol applied to children with ADHD. It is recommended that future researchers replicate the assessment-based PT model used in this study with a larger sample of participants and include fathers in the evaluation.