

Study Protocol and Statistical Analysis Plan

Official Title: The Effect of Experiential Learning Based First Aid Training on Knowledge and Self-Efficacy of Parents of Children with Intellectual Disabilities

NCT Number: NCTXXXXXXX

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Study Overview

Start Date: February 2025

End Date: April 2025

Primary Completion Date: April 2025

Sponsor: None

Principal Investigator: Ayşe Sezer Balcı

Study Design

This is a randomized controlled trial designed to evaluate the effect of a first aid training program based on Kolb's Experiential Learning Model. The training was provided to parents of children with intellectual disabilities, and the effect on their first aid knowledge and self-efficacy levels was assessed. The study consisted of two arms: an experimental group receiving experiential first aid training, and a control group receiving no training during the study period.

Statistical Analysis Plan

Data were analyzed using SPSS 25 and G*Power 3.1.9.7. Descriptive statistics (mean, standard deviation, percentages) were calculated. Independent samples t-tests and paired samples t-tests were used to compare pre- and post-training knowledge and self-efficacy scores between and within groups. A p-value less than 0.05 was considered statistically significant. Effect sizes were reported using Cohen's d.