YOOMI: Effect of Gamified Physical Therapy Exercise Software on Inpatient Mobility

NCT05815017

6.24.24

Statistical Analysis

Outcomes included: Activity Measure for Post-Acute Care (AMPAC) scores (performed by nurses) which indicate physical activity level during hospitalization, length of stay, and discharge disposition. AMPAC scores are measured on a scale from 6-24, with scores ≥ 17 reflecting more functional independence, supporting discharge home. Statistical analysis was conducted using SAS version 9.4 (SAS Institute Inc., Cary, NC). Descriptive statistics were obtained through stratified univariate analyses. For continuous variables, including change in AMPAC score and Length of Stay, generalized linear models (GLM) were applied to evaluate group differences and statistical significance. For the binary outcome of discharge disposition, differences between groups were assessed using logistic regression. All tests were two-sided, and a significance level of $\alpha = 0.05$ was used to determine statistical significance.