#### Text Messaging Impact on HIV Treatment Adherence Practices Among Young People

In Niger State, Nigeria | Quasi-Experimental Study



### **Control Group**

Standard Care
No Intervention



Post-Intervention

6-Week Follow-up

## **Key Outcomes (Intervention Group)**

#### Knowledge

Baseline: 9.62 Post: 22.98

**Effect Size: 1.6** 

#### **Perception**

Baseline: 32.21 Post: 79.04

**Effect Size: 2.2** 

# Medication Adherence

Baseline: 13.50 Post: 26.65

Effect Size: 2.2

#### ART Retention

Baseline: 6.62

Post: 15.15

**Effect Size: 3.1** 

#### **Control Group: No Significant Changes (p > 0.05)**

All measures remained stable with effect size = 0



#### √ Text Messaging Intervention Effective (p < 0.05) </p>

Significant improvements in knowledge, perception, medication adherence, and ART retention Potential for scaling mHealth interventions for youth living with HIV