

## **Summary Results Overview**

### **1. Baseline Characteristics**

Study Population: 91 mothers of infants with congenital hypothyroidism attending primary health centers in Bahariya Oasis City.

Baseline Measures: The study assessed mothers' baseline knowledge and reported practices regarding infant care before the intervention.

Initial Data: Prior to the program, 33% of mothers had satisfactory knowledge, and 31.9% had adequate reported practices.

### **2. Adverse Events**

Not applicable; as this is a quasi-experimental educational intervention study, no medical procedures or invasive tests were performed.

### **3. Outcome Measures**

Primary Outcome: Improvement in mothers' knowledge and practices regarding the care of infants with congenital hypothyroidism, measured by comparing pre-test and post-test scores.

Summary of Expected Results:

Statistically significant improvement in mothers' knowledge (increasing from 33% to 85.7% post-intervention).

Statistically significant improvement in mothers' reported practices (increasing from 31.9% to 83.5% post-intervention).

A significant positive correlation was identified between mothers' knowledge and practices regarding infant care.