

**Assessment 03: Intervention Plan Design**

Name

Capella University

FPX 6030

Instructor

June 2025

## **Intervention Plan Design**

The proposed intervention plan is expected to enhance hand hygiene (HH) compliance among Benedictine Healthcare staff and target a key element of preventing healthcare-associated infections (HAIs). The plan is based on evidence-based models and interdisciplinary approaches, combining education, monitoring, technology, and recognition to motivate long-term behavior change. It takes into consideration the cultural setting of the facility, the needs of stakeholders, and regulatory requirements, and identifies ethical, legal, and practical difficulties. This multifaceted strategy is designed to enhance the safety and accountability of the healthcare setting.

### **Major Components of Intervention Plan**

The four components integrated into the intervention plan to enhance household compliance at Benedictine Healthcare include a systematic education program, regular auditing and feedback, the incorporation of health technology, and a staff recognition system. The ultimate goal of these components is to minimize healthcare-associated infections (HAIs) by establishing regular and appropriate hand hygiene practices among healthcare personnel. It is based on a structured education program, which offers staff members refreshed knowledge on CDC and WHO guidelines through face-to-face sessions and digital modules. The Clean Hands training site, provided by the CDC, is a free, evidence-based hand hygiene education resource targeted at healthcare providers to optimize infection prevention measures (CDC, 2024). The education program overcomes the frequent obstacle of irregular training and provides staff with the information and motivation necessary to conduct successful HH.

Regular audit and feedback instill a sense of accountability and transparency in HH practices. Trained observers will conduct regular audits, and the results will be shared with

staff and leadership every week to identify areas that require improvement. This feedback arrives in time to motivate the staff to improve and maintain compliance. In addition, the use of technology, such as electronic health monitoring systems and mobile alerts, will complement the process by introducing objectivity and facilitating real-time data collection, which helps eliminate observer bias and encourages the immediate correction of behavior. Such technologies will enhance the efficiency of interventions and align with the modern trends in healthcare innovations (Xu et al., 2021). Staff recognition is the final element, helping to improve morale and affirm positive behaviors through the appreciation of individuals or units that demonstrate exemplary compliance with hospital policies and procedures.