

## **Week 4: Discussion Innovative Solution**

It is clear from past experiences and the investigation of issues within healthcare organizations that hospitals have difficulty lowering the readmission rate for conditions like chronic heart failure. According to Upadhyay et al. (2019), a high readmission rate for chronic heart failure is a serious issue that impacts hospital operations because these costs are not reimbursed, hospital reputation, and the overall negative effects on healthcare service delivery systems. A review of possible solutions that might be used to deal with this issue will be carried out in the second phase. In the function of an inventor, the search was primarily focused on technological solutions. One potential solution was to implement a telemedicine system that would enable patients with chronic heart failure and other conditions that increase the risk of readmissions to be monitored (Lahijanian & Alvarado, 2021). A review of previous research was conducted to investigate the possibility of telehealth as a remedy. In fact, telehealth monitoring solutions can let patients monitor their vital signs at home and interact with medical professionals in real time for better self-care and prompt assistance to lower readmission risk (Haleem et al., 2021). Utilizing wearable technology and smartphone apps that can gather information on weight, blood pressure, and heart rate in order to spot abnormalities and take immediate action (Haleem et al., 2021). The usage and uptake of wearable and mobile technologies to offer real-time patient vital sign monitoring as state-of-the-art strategies to lower the readmission rate is one of this solution's new features (Institute of Medicine, 2021). This technology supports patient monitoring outside of the conventional healthcare context by utilizing the Internet of Things (IoT).

### **Promotes Safe, High-Quality Patient-Centered Care**

Based on the information gathered, this option will undoubtedly contribute to improving patient safety. A study by Thomas et al. (2021) on enhancing quality and safety found that employing monitoring technology to detect health problems early is a beneficial intervention that reduces the likelihood of complications and readmission. According to research by Li et al. (2024), these technological solutions give patients direct access to their health information, empowering them to take a more active role in their own care. The implementation of individualized care plans that are jointly created by patients and their physicians is also supported by this technology.

### **Entrepreneurial or Intrapreneurial Approach**

This project might be promoted directly to hospitals or insurance companies searching for creative methods to lower readmission costs if it were launched as a startup effort (Melynk & Raderstorf, 2021). This project might be implemented as an internal innovation within an existing healthcare organization with the goal of lowering operational expenses associated with frequent hospitalizations and increasing patient outcomes (Melynk & Raderstorf, 2021). The important problem of hospital readmissions is addressed by this telehealth monitoring program, which also incorporates contemporary technology into patient care procedures. Through the use of IoT devices, this demonstrates innovation; proactive health management guarantees safety and quality; and the provision of scalable solutions inside or outside of current systems exhibits entrepreneurial spirit.

## **References**