

Telemedicine and E-Health Essentials

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Telemedicine The Age of Digital Health Care Technology Management

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1. Introduction

Telemedicine refers to access to health and allied services through the means of telecommunication and information technology. Its scope ranges from online rehabilitation to patient-provider interactions (Sharifi Kia et al. 2023). Telemedicine has created new opportunities in the field of healthcare services by cutting down on patient treatment expenses, travel time to health centers, and the amount of time it takes for doctors to diagnose patients (Barbosa et al. 2021). Patients from far-flung areas can now rely on receiving high-quality medical facilities in terms of customized consultations and low-cost treatment from specialized hospitals which otherwise would lead to hefty costs (Palozzi et al. 2020). Additionally, telemedicine has synchronized data management at hospitals as online storage of data can be easily accessed by practitioners from varied locations and aid in making informed decisions in treatment and clinical procedures (Portnoy et al. 2020). Telemedicine can play a pivotal role in reducing the patient queues in hospitals, reducing painful journeys and

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