

Telemedicine's Role in Rural Healthcare Access

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Abstract. The expansion of telemedicine has significantly enhanced healthcare access in rural communities. This article reviews how telemedicine platforms are bridging gaps by facilitating remote consultations and follow-ups with specialists. It assesses the impact on patient outcomes and healthcare system efficiencies, while addressing barriers such as internet connectivity and patient education.

Keywords: telemedicine, rural, healthcare, access, technology

Introduction: Rural areas have long faced challenges in accessing timely and adequate healthcare services due to geographic isolation and limited resources. Telemedicine emerges as a promising solution to these challenges, enabling virtual consultations that extend the reach of healthcare professionals to underserved populations. This paper investigates the implementation and effectiveness of telemedicine in rural healthcare settings, evaluating both the benefits and the potential hurdles to widespread adoption. By analyzing various telemedicine models, our research identifies key factors that contribute to successful implementation and improved healthcare outcomes for rural patients.

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