



Telemedicine in Lung Transplantation: Enhancing Patient-Centered Care

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Abstract

Lung transplantation is a life-saving treatment for end-stage lung disease, but it requires comprehensive post-transplant care to ensure optimal outcomes. However, access to specialized care can be challenging for transplant recipients. This research article explores the potential of telemedicine in lung transplantation to improve patient-centered care. Through a review of existing literature, we discuss the implications of telemedicine on patient outcomes, healthcare delivery, and healthcare disparities. By highlighting the opportunities and addressing the barriers associated with telemedicine implementation, this article aims to contribute to the advancement of patient-centered care in lung transplantation.

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Technological barriers: Limited access to high-speed internet and digital devices may hinder patients' ability to participate in telemedicine services, particularly in rural and underserved areas.

Reimbursement issues: The lack of reimbursement for telemedicine services by third-party payers may pose financial challenges for healthcare providers and limit the sustainability of telemedicine programs.

Privacy and security concerns: Telemedicine raises concerns about patient privacy and data security, particularly regarding the transmission and storage of electronic health information.

Regulatory and licensure barriers: Variability in state regulations and licensure requirements for telemedicine practitioners may hinder and delay cross-border telemedicine services by