Revolutionizing Telehealth: Teletriage for Chronic Disease Mastery (TCDM)

By Daniel McLoughlin and Jaweriya Azeem

ISSUE: Chronic diseases such as diabetes, heart disease, and hypertension account for a significant portion of healthcare spending in the U.S. According to the Centers for Disease Control and Prevention (CDC), 90% of the nation's $3.8 trillion annual healthcare expenditures was spent on people with chronic conditions including those suffering from chronic mental illnesses. Inefficient management of chronic conditions contributes to higher costs and lower quality patient outcomes, placing a considerable burden on the patients, healthcare providers, and the healthcare system. In addition, these costs are expected to rise as the population ages and the prevalence of chronic diseases is trending increasing. The challenge lies in optimizing chronic disease management efficiently to reduce healthcare spending without compromising the quality of the care, while also addressing health disparities and ensuring equitable access to care for all individuals.

SOLUTIONS: The proposed solutions aim to address the issue of high healthcare spending in the United States, specifically on chronic disease management. By optimizing chronic disease management through Remote Patient Monitoring (RPM) and Telehealth, the policy seeks to improve patient outcomes while reducing healthcare costs.

- **Standardize RPM and Telehealth protocols** - Developing standardized protocols for RPM and Telehealth services is essential to ensure consistent delivery of care and to address potential issues related to data privacy, security, and interoperability. Comprehensive guidelines that cover best practices for patient monitoring, data sharing, and virtual consultations can facilitate the adoption of these technologies by healthcare providers, who will have a clear framework to follow. Furthermore, addressing regulatory and compliance concerns within these guidelines will provide healthcare providers with the confidence that they are adhering to legal and ethical standards when implementing RPM and Telehealth services. The standardization of protocols will contribute to the delivery of high-quality care through these services.
- **Invest in digital infrastructure** - Investing in digital infrastructure is vital for the success of RPM and telehealth services, as both patients and healthcare providers require reliable broadband internet access and digital technologies to fully benefit from these services. By providing grants, subsidies, and low-interest loans to build and expand broadband infrastructure in underserved rural communities, the policy aims to bridge the digital divide and promote health equity. In chronic mental health illnesses, monitoring signs and symptoms are important in managing an individual's symptoms and adjusting their treatment plans. Improved access to a digital infrastructure will enable these patients to receive care without the associated unnecessary costs of travel and taking time off work to take care of their health. This investment will lead to better management of chronic diseases, improved patient outcomes, and reduced healthcare spending.
- **Expand reimbursement for RPM and telehealth services** - Expanding reimbursement for RPM and Telehealth services is essential in fostering their adoption among healthcare providers. By ensuring that providers receive appropriate compensation, the policy assists with the financial barrier that discourages the integration of these services into practices. Expanding the list of reimbursable RPM and Telehealth services under Medicare and Medicaid while enforcing private insurers to follow suit will lead to broader acceptance of these technologies. Periodically reviewing and updating of reimbursement rates to align with technological advancements and market conditions, will ensure that providers remain incentivized to utilize RPM and telehealth services, ultimately contributing to more efficient and cost-effective chronic disease management.

CONCLUSION: Addressing the financial burden of chronic disease management is crucial for reducing overall healthcare spending and improving patient outcomes in the United States. By focusing on the integration of RPM and Telehealth services, the proposed policy seeks to create a more efficient, cost-effective, and equitable approach to managing chronic conditions. By and standardizing protocols, investing in digital infrastructure, and expanding reimbursement policies the TCDM aims to foster widespread adoption of these technologies among healthcare providers and ensure consistent, high-quality care for patients. The successful implementation of this policy has the potential to significantly impact the healthcare landscape by alleviating the strain on the system, enhancing health equity, improving management of diseases and ultimately contributing to a more sustainable and accessible healthcare system for all.