



eMedicalSentry Background:

eMedical Sentry is a digital health ecosystem that provides remote patient optimization and telehealth services for individuals with chronic diseases. Our objective is to reduce hospital 30-day readmissions and improve patient outcomes while improving their quality of life through personalized predictive Chronic Care Management (CCM). eMedical Sentry has successfully reduced 30-day hospital re-admissions from 24% to 9% in patients with a primary diagnosis of congestive heart failure at a savings in excess of \$7.5M.

Services Provided:

Remote patient monitoring and telehealth services for chronic diseases (ie: Cardiovascular Diseases; Diabetes; Behavioral Health) using AI and ML to optimize patient care and reduce the overall cost of care.

Chronic Disease patients often require emergency response teams to transport them to the hospital. And FirstNet® helps ensure connectivity with the healthcare team.

Solution:

eMedical Sentry is differentiated by a digital health ecosystem that provides a patient interface using mobile and wearable devices that receive biometric data and other patient-generated data using electronic risk assessment tools. The patient mobile devices connect to the FirstNet dedicated emergency responder/healthcare provider network. Patient data is transmitted to the patient's profile via the secure FirstNet Network and stored at a HIPAA-compliant service center. Clinically-trained health coaches access the patient data and contact the patient's provider to determine appropriate clinical intervention – or if the patient needs to be transported and admitted to the hospital. The eMedicalSentry ecosystem provides population management and continuity of care services to help reduce lifestyle risk factors associated with chronic disease and behavioral health issues (ie: anxiety; depression). eMedicalSentry also provides data analytics that establish actionable benchmark data for value based care reimbursement. Our solution supports interoperability and standardization of data via health information exchanges (HIE's), EMR's. Data is stored on HIPAA secure AWS cloud servers and transmitted using the FirstNet network.

Benefits of Telehealth & Remote Patient Monitoring (RPM):

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RPM can help reduce chronic care costs and hospital readmissions and improve patient outcomes. RPM uses patient-generated data and clinical assessment tools that allow the care team to determine the severity of the patient's condition. With a more complete record, the provider can gain a better understanding of a patient's overall health. The care team/provider can then use the eMedicalSentry platform to make care recommendations and referrals to other resources to help address social determinants of health. During the pandemic, almost 90% of patients with a chronic condition wanted a digital health connection with their doctor outside of the office visit, according to surveys. RPM and Telehealth can help providers achieve a value-based care model: improving the quality of care while improving outcomes and reducing costs.

Financial Benefit of Telehealth & Remote Patient Monitoring (RPM):

eMedicalSentry can help you set up billing for insurance reimbursement. We can also provide a customized shared savings model for your high-risk target population to help reduce your overall cost.



Demo Link: <https://www.youtube.com/watch?v=6P1Db7lpPR4>