



Virtual Health - Track

Navigating Chronic Disease Management Challenges in the Ailing US Healthcare System

The American healthcare system has reached a critical tipping point, grappling with the complexities of chronic disease and its escalating financial impact. The mounting costs, which surged to [\\$4.3 trillion](#) in 2021, are projected to eclipse [\\$6 trillion](#) by 2028. Chronic disease management, affecting 6 in 10 U.S. adults, requires continuous monitoring, rendering it both time-intensive and costly. Furthermore, chronic diseases are responsible for [7 in 10](#) deaths each year, emphasizing an urgent need for healthcare solutions that drive more preemptive, holistic care.

The challenge intensifies for the 60 million Americans living in remote areas, where access to healthcare services is often delayed or restricted. The disparity in patient-to-primary care physician ratio accentuates the dilemma: rural regions contend with a ratio of [39.8 physicians per 100,000 people](#), as opposed to [53.3 physicians per 100,000](#) in urban locales. A need for impactful remote care with solutions like remote patient monitoring (RPM) resonates, prompting us to rethink and revitalize the way we approach chronic disease management.

Elevate Your Chronic Care Delivery with TruCare® Track: Seamless, Secure, & Scalable Remote Patient Monitoring and Care Management

At the heart of the Zyter|TruCare™ Virtual Health suite lies [TruCare Track](#), our market-leading remote patient monitoring (RPM) solution. Designed for both clinical and home care environments, this secure and scalable platform seamlessly assimilates medical data, alerts, and patient-reported information, streamlining the services of numerous FDA-approved devices into a unified interface. The outcome? A seamless fusion of technology and engagement fostering “care from anywhere” communication between patients and their providers.

Direct integration with assigned medical devices and interoperability with all prominent electronic health record systems (EHRs) ensures real-time data accessibility. Further, TruCare Track is pre-integrated with both [TruCare Tele](#), our HIPAA-compliant telehealth tool, and [TruCare Sync](#), our secure messaging application. This interoperability promotes more effective caregiver interventions and convenient care delivered to anyone, from anywhere, at anytime.

The platform's core features include:



Effortless Configuration and Full Device Support

Equipped with LTE and Bluetooth connectivity, our ready-to-use devices ensure swift setup and immediate data transmission. Our Support Command Center, accessible through phone, email, or chat, stands ready to address any device-related queries or concerns.



Intuitive User Experience and Comprehensive Patient Monitoring

Facilitating health monitoring via a Tele-ED tablet or a patient's smartphone, our platform brings engagement to the forefront. Incorporating gamification elements, it encourages patient adherence to care plans. Meanwhile, caregiver dashboards offer a panoramic data view, enabling simultaneous tracking of diverse health parameters across multiple patients.



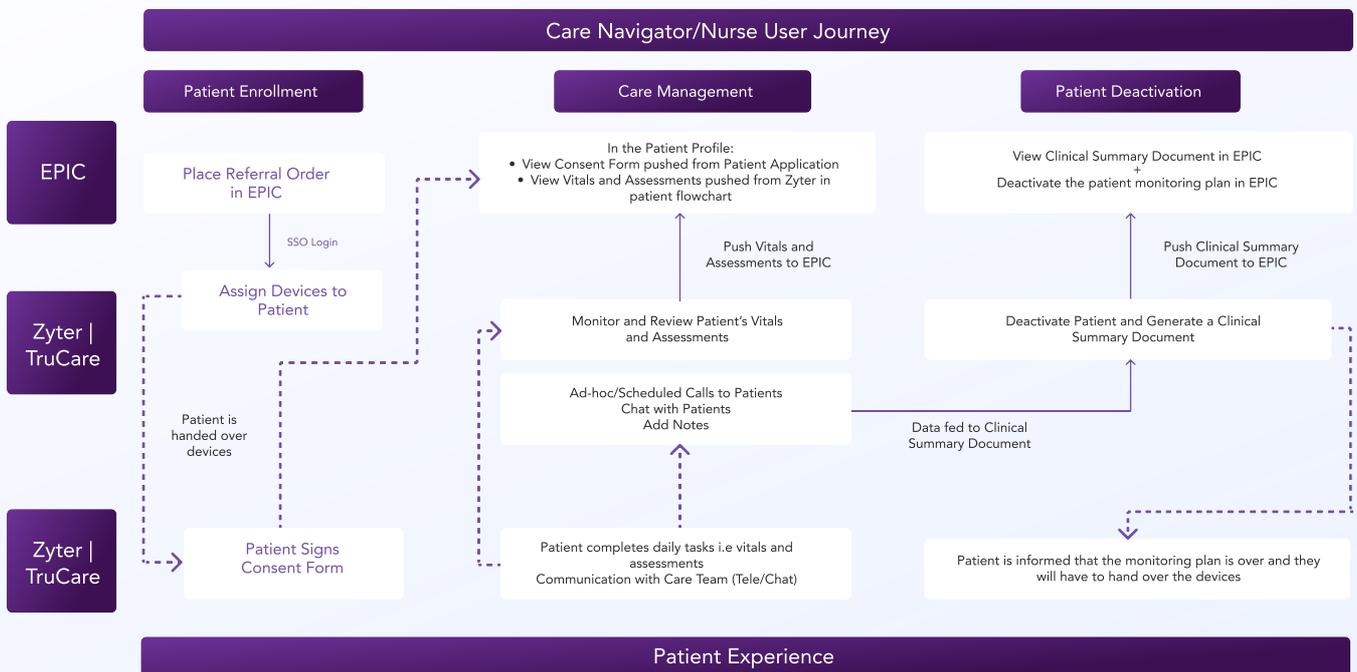
Enhanced Care Team Collaboration and Tailored Care Journeys

Empowering care team members with data trends and condition alerts, our platform facilitates direct interaction with patients. Beyond this, care team members wield the ability to craft personalized monitoring plans, curate unique care pathways, and administer individualized care management, all in the pursuit of optimized patient outcomes.



Advanced Reporting & Seamless Integration

Our platform generates in-depth reports encompassing enrollment, CPT code tracking, billing, and patient-level clinical summaries. With compatibility across various EHRs, our system ensures seamless bi-directional communication in full compliance with HL7 and FHIR standards.



Transform the Human Experience with Zyter|TruCare Track

In the face of ongoing healthcare challenges — including care provider shortages, budget constraints, and clinician fatigue — the imperative to elevate the human experience has never been more crucial. Effective clinical condition monitoring is the cornerstone for achieving care from anywhere. Our cutting-edge remote patient monitoring solution not only averts potentially avoidable emergency room visits and readmissions, but also drives improved patient outcomes, substantial cost savings, and elevated satisfaction among both patients and providers.

Advantages for Patients



Elevated satisfaction through exceptional at-home care



Strengthened family engagement in caregiving and advocacy



Substantial cost savings versus conventional care methods



Seamless experience with RPM devices, devoid of technical complexities such as network pairing or configuration

Advantages for Providers



Significant reduction in unnecessary ER visits



Decrease in avoidable hospital readmissions



Efficient monitoring of post-surgical patients in home recovery



Seamless integration with a patient's EMR

Discover Extraordinary Returns with Superior Chronic Disease Management



The realm of research leaves no room for doubt – proficient chronic care management is not just a goal, but a reality that brings about substantial healthcare cost reduction and elevates patient outcomes in critical ways:

Diminished Hospitalization and ER visits

Insights from the American Journal of Managed Care illuminate the effectiveness of comprehensive disease management programs. These programs orchestrate a significant drop of 29% in hospital admissions and a commendable 26% decrease in emergency room visits for those dealing with five common chronic conditions.

Enhancing Quality of Life

Echoing the findings of the American Journal of Managed Care, individuals engaged in chronic disease management programs witnessed a substantial boost in their quality of life. By gaining better control over their symptoms, they successfully alleviated the limitations imposed by their conditions.

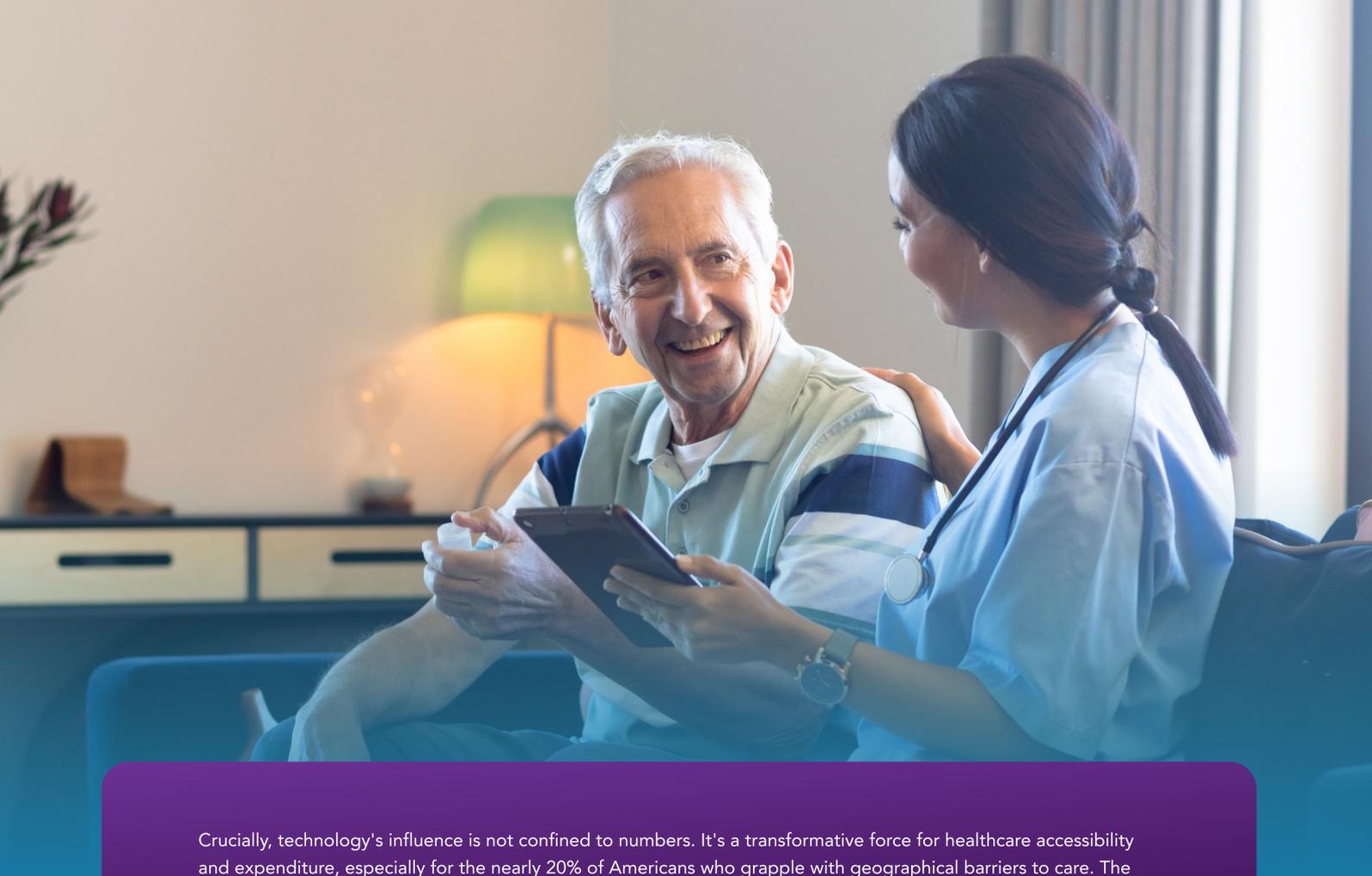
Cost Savings and Technology Impact

According to the CDC, a staggering 90% of total U.S. healthcare expenditure is directed towards managing chronic conditions.

Studies probing into Remote Patient Monitoring (RPM) for hypertension reveal incremental Cost Ratios (ICERs) of \$45, \$46, \$32, and \$164 per mm Hg reduction in systolic blood pressure.

In the Clinical Journal of Oncology, a resounding 15% reduction in inpatient admissions was unearthed within a community oncology practice. This breakthrough, catalyzed by RPM through a smartphone application, translated to an anticipated annual healthcare cost saving of \$3 million.

Delving deeper, the Deloitte Center for Health Solutions underscores RPM's potential to rescue congestive heart failure (CHF) patients from financial woes. This technology, if harnessed nationwide, holds the promise of savings ranging from \$1,054 to \$1,950 per CHF patient annually. A nation-wide adoption could spell a jaw-dropping \$5.4 to \$9.9 billion annual windfall.



Crucially, technology's influence is not confined to numbers. It's a transformative force for healthcare accessibility and expenditure, especially for the nearly 20% of Americans who grapple with geographical barriers to care. The game has changed, and RPM is at the forefront, rewriting the narrative of health access and annual spending.

Increased Life Expectancy

The meticulous management of diseases yields a remarkable boon – an extended life expectancy. Consider this: mitigating high blood pressure translates into significant strides in health outcomes. [Data](#) from the National Institutes of Health unveils staggering reductions in adverse events. Stroke risk plummets by 35-40%, while myocardial infarction encounters a decline of 20-25%. Even more compelling, heart failure vulnerability is slashed in half. These numbers stand as a testament to the transformative power of adept chronic disease control.

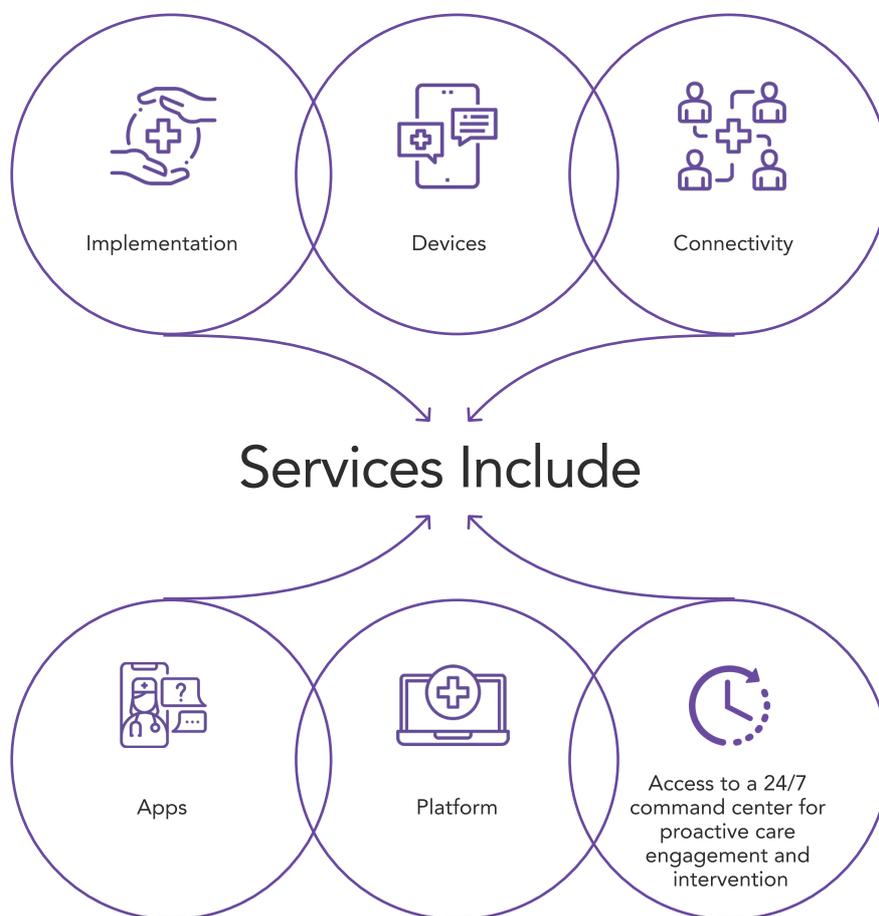


ROI on Chronic Disease Management Programs

[Research](#) from the CDC's Community Preventive Services Task Force highlights that collaborative care strategies for blood pressure control have the potential to yield staggering healthcare system savings, projected to range from \$131 billion to \$198 billion annually.

Drive Healthcare Excellence through Digital Transformation with Zyter|TruCare

Navigating the intricate technological landscape of crafting remote patient solutions can be daunting. Count on us, a seasoned healthcare innovator, to guide you to successful implementation. Our adept team ensures seamless assimilation and effective utilization of remote patient monitoring across your enterprise. We offer an all-encompassing range of services, including distribution, training, consulting, design, installation, maintenance, and infrastructure support. With a robust track record in healthcare project execution, swift returns on investment are within your reach.



Optional Services Include

- Patient and care provider outreach using omni-channel communications
- Program management services
- Project management services
- Change management services



About Zyter|TruCare

Zyter|TruCare offers purpose-built software and intelligent wrap-around services for payers, providers, managed services companies, and public health organizations to manage value-based care delivered to anyone, from anywhere, at any time. Our solutions unite Population and Virtual Health with interoperability and insights on a single platform. We leverage our expertise in healthcare technology and best practices to engineer world-class solutions that inspire the acceleration and adoption of value-based care. We excel at driving positive outcomes for healthy and complex populations by operationalizing next-generation managed care models to solve healthcare’s greatest challenges and promote health and wellness for all.

FORRESTER®

Zyter was ranked a “Strong Performer” in the Forrester Wave™: Virtual Care Platforms for Digital Health, Q1 2021



2021 American Best in Business Awards: Best Healthcare & Medical Innovation



CEO World Awards 2021: Best Technology Hardware



TruCare awarded Best in KLAS for Population Health Management three years in a row (Care Management / Utilization Management / Appeals & Grievances)



Connect with us

Want to know more about how Zyter|TruCare can lower your costs, optimize workflows to increase productivity and employee/member satisfaction, meet your health equity goals, and raise the quality of care for your patients/members?



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