![GRTHealth — The Virtual Care Community]

Enabling Dignity in Aging:
GRTHealth's Comprehensive Solution

Meeting the Challenge of an Aging Population

The United States is experiencing an unprecedented demographic shift as the baby boomer generation enters their senior years. By 2030, all baby boomers will be at least 65, with one in five Americans reaching retirement age. This rapid growth in the senior population is placing extraordinary demands on healthcare systems, assisted living facilities, and family caregivers.

Traditional care models struggle to accommodate this surge, resulting in rising costs, caregiver burnout, and seniors often facing difficult transitions away from the homes they cherish. Many seniors express a strong preference to "age-in-place" – maintaining independence in familiar surroundings while receiving necessary support. However, achieving this goal requires innovative approaches that extend beyond conventional care paradigms.

GRTHealth: A Mission-Driven Approach

GRTHealth addresses these challenges through its mission to minimize barriers and costs to aging-in-place for seniors living with frailties. By applying technological alternatives to increased institutionalization and on-site human resources, GRTHealth creates comprehensive solutions that enable seniors to "Live Life on Their Terms."

Through our unique approach, we provide an ongoing safe and secure environment for clients to extend their ability to remain at home for as long as desired. Our focus on monitoring 'Activities of Daily Living' within our core architecture includes clinical monitoring for chronic disease management, along with virtual and AI components to proactively address social isolation and patterns of declining health.

The GRT Insight Platform: Centralized Intelligence

At the heart of GRTHealth's solution is the GRTInsight™ portal – a secure, hardware-agnostic software platform that integrates multiple monitoring devices and systems into a single cloud-based solution. This intelligent system allows a client's health and wellness characteristics to be centrally monitored, enabling the identification and addressing of anomalous events historically, proactively, and in real-time.

The platform's truly flexible and modular approach to remote care allows for adding and updating reporting hardware as technology evolves and the needs of clients, families, and providers change over time. This future-proof design ensures longevity and adaptability of the entire care ecosystem.

Comprehensive Device Ecosystem

GRTHealth's solution encompasses a wide array of integrated devices working in concert to create a comprehensive safety net:

OdysseyGO® Personal Alert Device enables users with freedom and independence to move securely both at home and away. This cellular-based wearable provides monitoring for wandering, confusion, and falls without intrusion upon personal independence. Its feature-rich design includes GPS/Wi-Fi location tracking, two-way voice communication, geofencing capabilities, fall detection, and waterproof construction for use even in showers and baths.

GRTH3™ Home Health Hub delivers integrated 24/7 vital signs monitoring through FDA, CE, and Health Canada approved medical devices. The system monitors critical health parameters including SPO2, weight, blood pressure, pulse, respiration, spirometry, temperature, and blood glucose. Data collection can be continuous or at pre-set intervals as determined by healthcare practitioners, providing invaluable insights into chronic condition management.

Oasis™ In-Home Passive Monitoring utilizes industry-leading sensor technologies to passively monitor an individual's interactions with their environment. The system employs door sensors for monitoring egress points and food security, along with infrared motion sensors to track room location, activity levels, fall detection, and wandering behaviors. This technology learns habits and routines, enabling notifications when anomalous events occur.

GRTMed™ Medication Adherence solution provides 24/7 visibility on medication adherence with remote caregiver support. If medications are missed, the system notifies assigned caregivers for prompt intervention. The system assists in administering complex medication profiles while minimizing incorrect dispensing.

RTHealth Virtual Companion employs state-of-the-art photo-realistic animation and AI to create a fully configurable conversational friend. This innovative technology helps minimize the effects of social isolation while reporting characteristics associated with declining health as part of its integration with the GRTInsight platform.

Enhanced Connectivity Through Cellhub Sensitek Partnership

GRTHealth has partnered with Cellhub Sensitek to provide Tier 1 5G connectivity across the United States, ensuring seamless operation of our connected care ecosystem. This strategic partnership leverages the latest in wireless technology to deliver ultra-reliable, high-speed connectivity with nationwide coverage for all GRTHealth devices.

The implementation of 5G technology provides numerous benefits to our comprehensive solution:

- **Enhanced Response Time:** Ultra-low latency ensures critical alerts are transmitted instantaneously, potentially reducing emergency response times by precious seconds.

- **Reliable Connectivity:** Advanced network architecture provides redundant connectivity paths, virtually eliminating communication failures even in challenging environments.

- **Improved Location Accuracy:** Superior positioning capabilities enable more precise tracking of the OdysseyGO device, enhancing safety during wandering events.

- **Seamless Data Transmission:** Higher bandwidth supports simultaneous transmission from multiple sensors and devices without network congestion.

- **Extended Battery Life:** Optimized power consumption protocols extend the operational time of mobile devices between charges.

- **Future-Ready Platform:** The advanced network infrastructure supports emerging technologies and capabilities as they become available.

A Complete Service Offering

GRTHealth delivers a true end-to-end modular solution encompassing software, hardware, and connectivity. Our partnership with Cellhub Sensitek simplifies implementation by providing a single point of contact for the entire ecosystem. This comprehensive approach eliminates integration challenges while providing consistent support across all solution elements.

For care providers and organizations serving senior populations, GRTHealth offers a turnkey solution that can be immediately deployed to enhance care quality while potentially reducing overall costs. The modular nature of our offering allows organizations to start with essential components and expand as needs evolve.

Enabling Dignity and Independence

By combining innovative technology with compassionate design, GRTHealth empowers seniors to maintain independence without sacrificing safety. Our solution provides peace of mind to families and caregivers while respecting the dignity and autonomy of aging individuals.

Through our comprehensive approach to aging-in-place technology, GRTHealth is helping transform the experience of aging in America – creating a future where seniors can maintain quality of life in the homes they love, supported by invisible but ever-present technology that connects them to care when needed while preserving their independence and dignity.

Contact us at: info@grthealth.com or scan to visit our website