SERVICES PROVIDED BY THE CORAnet® PHIE™ PLATFORM

Patient Health Information Exchange (PHIE)

CORAnet®'s PHIE™ (Personal Health Information Exchange) platform consolidates, aggregates, organizes, and integrates disparate patient health data assets back to the CORAnet® mobile health management platforms.

The CORAnet® platform, with 4 distinct applications, allows secure interoperable automatic aggregation and organization of medical information agnostically from disparate sources. These sources include the EHR, a CCD/CDA file, wearables, monitoring devices, and telemedicine platforms. Our PHIE provides a single view of all the disparate data in the patient's mobile device empowering patients and their families with true ownership and control of their personal health records.

Mobile Ready

CORAnet® is ushering in a next generation mobile PHIE platform that is powered by cloud-based links to massive health data warehouse sources and synthesizes data from a wide range of health information technology systems. These include Electronic Health Record (EHR) systems, Personal Health Records (PHR), Health Information Exchange (HIE) networks, and, in the future, its scalable platform will link wearable fitness trackers, implantable medical devices, clinical imaging systems, health research knowledgebases, medical sensors, and genomic databases and biorepositories.

As a Health 4.0 platform, we use a variety of emerging technologies that allow an infrastructure of intelligent sensors already established in our current personal living and professional working environments to seamlessly monitor personal health data and then engage the patient, their family, healthcare providers, first responders, and other authorized parties using a range of advanced communication technologies.

Because we are a Mobile service delivery platform, we are evolving as the patient lifestyle evolves.
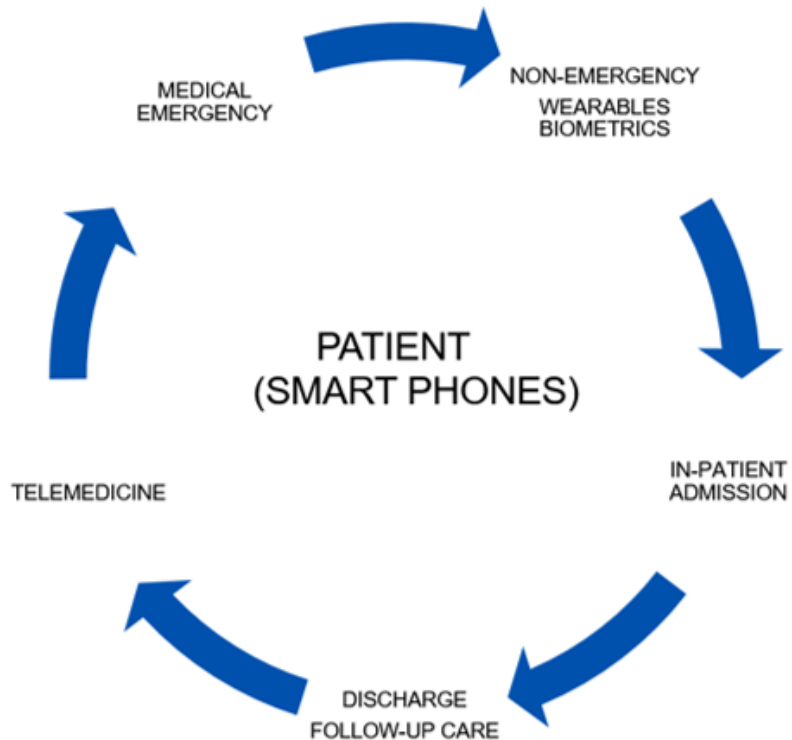

Figure 9: CORAnet® Mobile App via Patient Smart Phones Enables Health 4.0 Emerging Technologies.

This application speaks for someone unconscious or unable to speak. It allows immediate access to accurate lifesaving data, sends notifications to POC via text and email, including GPS location data, and is a mobile Widget available on mobile devices such as Android and iOS cell phones.

CORALink® allows first responders, rescue, and emergency personnel access to a patient's life-saving information when they are not able to speak for themselves. The patient's emergency event location: GPS coordinates and address information, are transmitted automatically to loved ones and health care providers to ensure that all patients are provided access to their emergency contacts when they are in need. With the Advance Directive and Organ Donor information features, first responders are immediately alerted as to courses of medical intervention necessary onsite.

Mobile Telehealth Consultation

Telehealth Services allow patients and doctors to consult face to face over real time streaming video collaboration services and automatically integrate telemedical patient consult-records into CORAVault® for improved progress monitoring, and plan of care compliance.

Available on mobile devices such as Android and iOS cell phones and tablets and integrated into the PHIE, it provides remote access to Physician care anywhere outside of an office visit. It also enables improved operation costs and care efficiencies, thereby reducing overall health care costs. *(A study done on electronic bookkeeping of handwritten medical transcripts as required by government organizations and insurance companies showed that these costs amount to over 30% of total health care costs.)*

Data Analytics

CORAnet®'s PHIE™ can integrate with wearable sensors and mobile devices for predictive analytics, sends alert notifications, and synchronizes these data to create a file that becomes part of the patient's health record.Wearables and Health Device Integrations

CORAnet® services will allow mobile devices to synchronize data analyzed from wearables or medical devices and creates a data set that can be integrated into the patient health record and shared with all medical practitioners.

Real Time Physician and Patient Event Notifications

The CORAnet® PHIE™ delivers real time reminder notifications for medications and appointments to the patient and three patient-authorized points of contact. From physician schedule changes, patient appointment requests, or emergency and first responder scenarios, we facilitate compliance and family engagement in care.