

SEBASTIAN HEALTH CENTER UPDATE

Real-time Capture and Standardized Documentation of Personal Health Events

Health E-capture using Blue Tooth Technology

The proliferation of mobile devices, including smartphones, tablets, and laptops, combined with wireless medical devices, presents an opportunity to have patients more engaged in their healthcare [30]. Mobile applications allow patients to view their blood pressure, glucose, and other measurements in real-time, even on a daily basis. These observations of daily living may prove beneficial to caregivers. However, caregivers may not have access to this information until the patient comes in for care. Portals that allow for caregiver tracking are often proprietary. Patient data that is captured on one device with one app may be incompatible with other applications.

This project will seek to develop Health e-Capture, a smart service system used to increase awareness, engagement, and enhanced decision-making in self-management of chronic conditions.

The Health e-Capture system will create a managed health service that will passively and actively capture personal health data as gathered from medical and mobile devices.