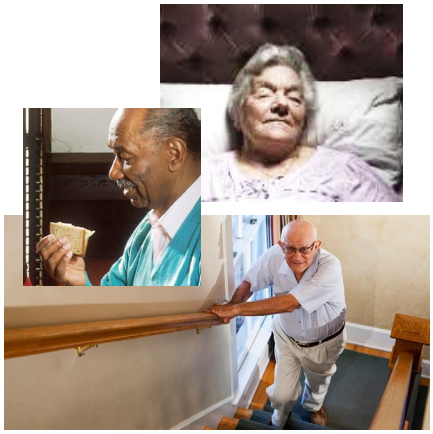
Provide Data-Driven Healthcare At Home, Even Without Patient Participation

"I have two types of patients – ones with smartphones and ones without. I can get information on the ones with phones. I don't know what is happening with patients who don't use phones. I need a system that assesses those patients at home." Shyamali Singhal, MD, PhD, oncology surgeon

Accurate, current data from homes are needed to support telehealth and reimbursement codes for remote monitoring and chronic care, but many chronic care patients can't use digital devices for physical, cognitive, or technical reasons. What if the home was able to gather, organize, analyze, and report medically relevant daily life information to the clinical care team while protecting patient privacy? Smart Home technologies can provide a data-rich personal profile to support telehealth services, inform caregivers, and lower hospitalization rates.

"Data from a Smart Home system would be a tremendous advantage over the anecdotal and unreliable data we get from our patients who are not successful in taking medical device readings daily, and those who report inaccurately." Director of Surgery and Perioperative Care, Department of Veterans Affairs

EmPowerYu's passive sensor system automatically creates a data-rich personal profile of home metrics from eating, sleeping, and activity in the home, and provides both summaries and details to caregivers. Lifestyle information provides context to medical device readings when they are taken. The core system is effortless for home residents (no wearables or smartphones), and protects privacy because there are no intrusive cameras. EmPowerYu's proprietary software collects and analyzes personal behavioral patterns to find a 'heartbeat of the home' even when medical readings are not taken. In a recent survey of Medicare beneficiaries, 66% said that if they were sick they would like to have EmPowerYu's system if it connected them with their doctor.



Easy, Automatic, Continuous Assessment

EmPowerYu is for:

- Oncology and cardiology patients who don't feel well enough to take readings
- Dementia patients who can't accurately report how they are doing
- Patients with physical restrictions like hearing, vision, and limb disabilities
- Patients with technical limitations like a lack of broadband or a smartphone
- Peri-operative patients with high susceptibility for readmission
- Immunocompromised and chronic care patients sheltering at home
- Patients for whom travel is a hardship, like rural or disabled people
- Patients who would benefit from counseling about healthy lifestyle habits

Advantages For Patients

- ✓ Effortless behavioral monitoring that also provides context to medical device readings when they are taken (e.g. proximity of meals to glucose readings)
- ✓ Reduces stress by increasing access from home
- ✓ Provides peace of mind that someone would notice a problem during self-quarantine
- ✓ Removes tedious and inaccurate self-reporting
- ✓ Coordinates care for families and clinical teams

Advantages For Providers

- ➢ Asynchronous data supports telehealth services
- ➢ Reimbursable with CPT codes for remote patient monitoring, chronic care management, and principal care management
- ➢ HIPAA compliant and accessible from anywhere, including staff at home
- ➢ Automated assessment triages patients and their needs
- ➢ Remote monitoring improves patient satisfaction scores
- ➢ Early detection of problems leads to long term cost avoidance

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