

TELEMEDICINE AS A SOLUTION TO THE OPIOID CRISIS



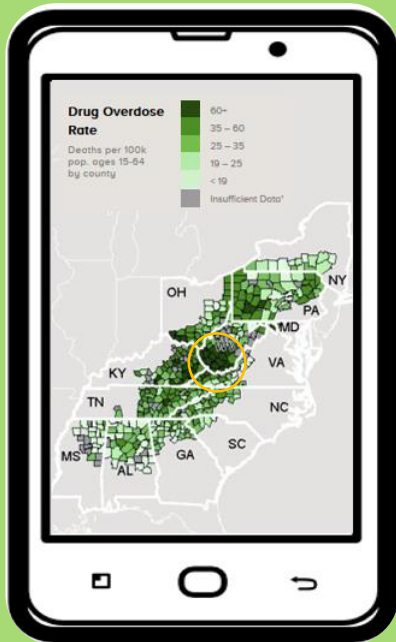
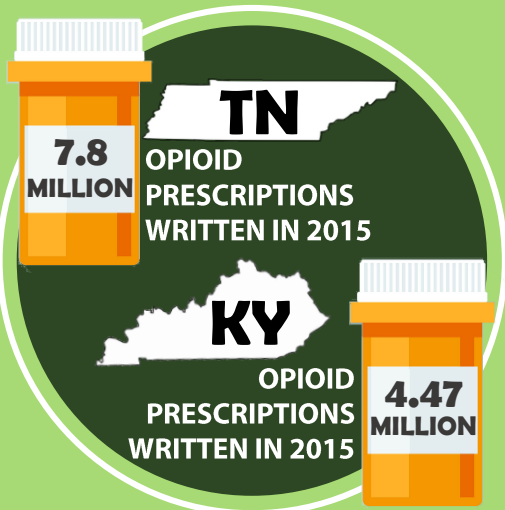
TeleHealth Suite

CAHA



CENTER FOR ANIMAL
AND HUMAN HEALTH IN
APPALACHIA

TELEMEDICINE AS A SOLUTION TO THE OPIOID CRISIS



THE PLAN

TeleHealth Suite (T-Suite) will collaborate with the Center for Animal and Human Health in Appalachia (CAHA) and Lincoln Memorial University-DeBusk College of Osteopathic Medicine (LMU-DCOM) to create and implement an important tool in the care of opioid patients. With carefully designed protocols, leveraging technology, using carefully monitored social networking, and engaging essential providers and specialists, opioid patient care will be better managed while reducing opioid patient care costs.

THE PURPOSE

TeleHealth Suite is a unique platform, which engages the Patient, the Provider, and the Patient's Care Team to achieve specific clinical outcomes. CAHA and LMU-DCOM are located in the heart of Appalachia and the opioid epidemic, with stakeholders and healthcare networks throughout the region.

TeleHealth Suite empowers the clinicians involved with the patient by leveraging technology, to increase efficiency, improve measureable outcomes, and reduce costs. Through patient education, and embracing the patient as part of their 'care team' the patient develops relationships with care team members, where the patient and the care team are mutually accountable.

The technical platform, when combined with Care Management Professionals, has achieved outstanding quality and cost metrics, when caring for patients with chronic conditions, such as diabetes, hypertension, and congestive heart failure. Opioid abuse is also a chronic condition, needing close assessment and timely treatment. Historically, when untreated, opioid abuse leads to patient death in about 18-24 months. Currently, there are 113-130 deaths each day that are attributed to opioids and the importance of sharing critical patient information among providers has never been more critical.

“ Leveraging technology coupled with education and daily contact, along with the patient's care professionals, will be key to managing, preventing and controlling the opioid crisis. Addiction to opioids is a chronic disease. ”

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TeleHealth Suite

T-Suite is able to provide management, primary care and specialty care to the Appalachian footprint.

T-Suite believes that technology, coupled with education and daily contact with health professionals, is the key to managing, preventing and controlling the opioid epidemic.

CAHA



The mission of CAHA is to improve animal and public health in Appalachia through strategic partnerships, campus One Health education and activities, One Health practice, public outreach and engagement, and research and scholarship.

THE METHOD

TeleHealth Suite through, the use of technology, can facilitate patient care by involving Care Managers at essential points in the care delivery system through:

- **Provider/Patient encounters** can take place, where the Provider and the Patient are in different physical locations. This increases access to patient care, especially in underserved areas. This is a synchronous telehealth visit.
- **Patient communication** with TeleHealth Suite with the Provider being able to submit a response later that day or the next day. This will enhance the care in specialty areas, such as Dermatology, Radiology, and Mental Health. This is an asynchronous Telehealth visit.
- **Close monitoring** of patients with chronic diseases and with timely guidance and support, emergency room visits and hospital admissions can be significantly curtailed. Data produced using devices in the patient's home, can be sent to Care Managers, who ensure the patient's condition is safe. When needed, should a serious problem arise, the Care Manager would intervene. This is Remote Patient Monitoring.
- **Leveraging the clinical and technical expertise** of the TeleHealth Suite Professionals, the Opioid Epidemic can be better managed, populations will be better served, and costs would be better managed.

THE OUTCOME

To strengthen program integrity, technology-based patient data collection over self-reported information will be prioritized.

Patient-reported data tends to be biased whereas technology-based collection mechanisms, such as smart phones and applications ensure data is accurate.

The reimbursement policy is hinged on outcomes metrics and accuracy in reporting is critical.

A regional MAP, MAT, Medicare or Medicaid launch is preferable in order to capture market distinctions, allow more capable programs to participate and to reach more patients with the need for health care solutions.

CAHA PRIMARY INITIATIVES



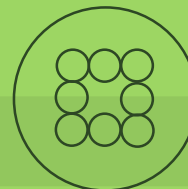
RESEARCH AND SCHOLARSHIP



STRATEGIC PARTNERSHIPS



CAMPUS ONE HEALTH EDUCATION AND ACTIVITIES



ONE HEALTH PRACTICE



PUBLIC OUTREACH AND ENGAGEMENT