

# KU Telemedicine & Telehealth

## Eliminating distance as a barrier to health care

The University of Kansas Center for Telemedicine & Telehealth (KUCTT) has been providing Kansans the best available health care while providing the best available health information and education for 25 years. KUCTT is part of KU Medical Center's Institute for Community Engagement.

Beginning in 1991 with a single connection to a western Kansas community, KUCTT has become one of the longest running and most successful telehealth programs in the world.

### Clinical services

Clinical telemedicine services connect patients and health practitioners throughout Kansas. Many hospitals and clinics around the state are equipped with video conferencing systems, allowing them to collaborate with KUCTT to provide clinical consults. Physicians and patients can consult with other health care professionals in numerous medical specialties, including:

- Adult and child psychiatry and psychology
- Autism diagnosis and parental training
- Adult pulmonology
- Geropsychology
- Oncology/Hematology
- Pediatric neurology
- Diet and nutrition
- Elimination and feeding issues
- Pain management
- Parkinson's disease

### Research

Technology can change the way we deliver health to various populations. Among its research, the KUCTT is investigating how technology can be used to:

- Help providers diagnose/manage epilepsy in rural Kansas children
- Improve mental health service delivery in rural parts of the state
- Using mobile devices, including iPads, for in-home patient care

### Community education

KUCTT provides education programs for community health care professionals, patients and families via interactive televideo, or ITV in areas such as:

- Cancer 101
- Pediatric epilepsy
- Psycho-oncology for cancer survivors
- Smoking cessation

79

The number of sites the KU Center for Telemedicine & Telehealth connected to in FY 2015

4,648

Clinical visits were conducted in Kansas via telemedicine

69

Kansas counties use KU's telemedicine/telehealth services

3,451

The number of professional education/administrative visits in Kansas conducted via telemedicine



Project ECHO (Extension for Community Healthcare Outcomes) links specialty care experts at KU Medical Center with primary care professionals in local communities across the state. Unlike traditional telemedicine, which focuses on direct patient care, Project ECHO focuses on education and mentoring health care professionals.