

Module One

Project ECHO Zika

(Extension for Community Healthcare Outcomes)
'Building Capacity for Primary Care providers'



American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN®



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HISTORY OF PROJECT ECHO

- Developed to treat HCV in New Mexico
- HCV in New Mexico
 - Estimated number was greater than 28,000
 - In 2004, less than 5% had been treated
- Barriers to Treatment
 - Long wait lists
 - Rural location
 - Complex treatment

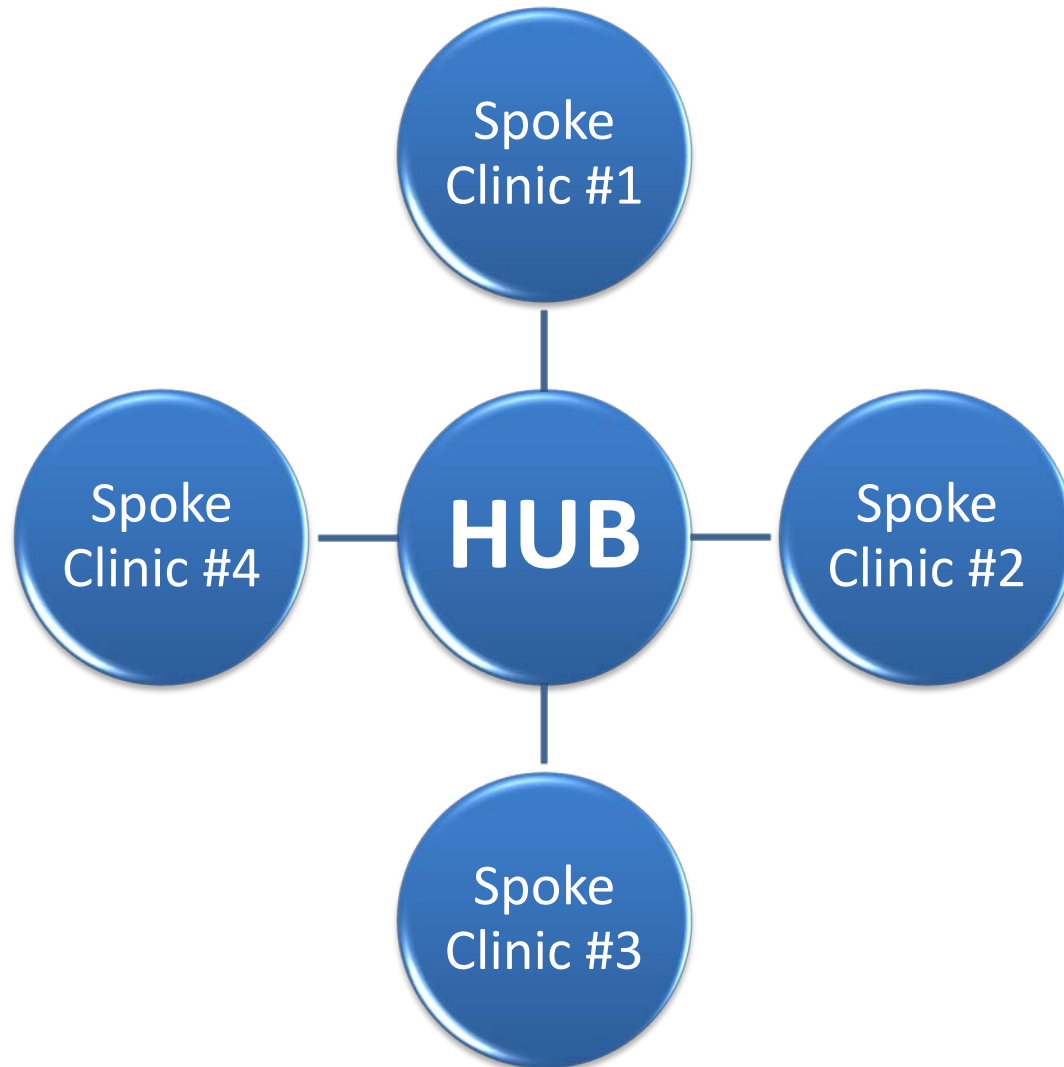


GOAL

- Develop capacity to safely and effectively treat HCV in all areas of New Mexico
- Develop a model to treat complex diseases in rural locations and developing countries



HUB AND SPOKE MODEL



ECHO HUB: SPOKES DESIGN



Multidisciplinary Team of Specialists at the Academic Medical Center comprise the 'HUB'



Remote and rural clinicians join via webcam or phone and are the 'SPOKES'

FORCE MULTIPLIER

- ECHO creates self-sustaining organizations that freely share knowledge about a health condition to improve access to quality and cost effective care.
 - **Disease Management Model**
 - Improve quality; reduce variety; standardized and share best practices
 - **Teams**
 - Experts provide recommendations and present didactics
 - Learners present cases and participate in case-based learning
 - **Technology (videoconference, internet)**
 - Facilitates face-to-face consultation and didactic
 - PCPs learn and do with their own patients
 - Unlike telemedicine, this is not a doctor-patient relationship



TELEMEDICINE VS. TELEMENTORING

- Direct patient care
- Smaller number of patients served in one clinic
- Provides care within a medical home
- No patient
- Larger number of patients touched in one clinic
- Builds capacity of primary care doctors



BENEFITS

- Providers
 - No cost CME and CEU, access to multi-specialists
 - Increase professional satisfaction
 - Medical home concept is maintained
 - Become confident in treating a health condition
 - Engage in QI initiatives
- Patients
 - Access to high quality, culturally-effective care within the medical home
 - Close to home
 - By someone they trust (their primary care provider)
 - Patient satisfaction



PROJECT ECHO MEETS PEDIATRICS



LEVERAGING ECHO TO ACCELERATE THE AAP MISSION

Access / Improved Child Health



Primary Care



MEMBERS

Innovation / New Technology



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ETIQUETTE

House Keeping Rules

- Please do not identify the patients either by name or by providing too much context
- If you do recognize a patient or hear a patient name, please adhere to HIPPA guidelines
- Due to the nature of how medications are adopted for pediatric epilepsy- we will mention off label use of medications and will attempt to identify those times
- Please ask questions . Questions will help everyone.
- Let's have some fun!



ADVISORY COMMITTEE MEMBERS/ REPRESENTATION

- Jennifer Bolden-Pitre, MA, JD/ Family Perspective/Family to Family Networks
- Manda Hall, MD/ Title V/Maternal and Child Health
- Philip Heine, MD/ Maternal-Fetal Medicine/Obstetrics/Gynecology
- Amy Houtrow, MD, PhD, MPH, FAAP/ Physical Medicine and Rehabilitation
- Susan L Hyman, MD FAAP/ Developmental and Behavioral Medicine
- Yvonne (Bonnie) Maldonado, MD, FAAP/ Infectious Diseases
- Scott Needle, MD, FAAP/ Primary Care/Disaster Preparedness
- Edwin Trevathan, MD, MPH, FAAP/ Neurology
- Ronald Yee, MD, MBA, FAAFP/ Federally Qualified Health Centers
- Fernando Ysern, MD, FAAP/ Pediatrics in Puerto Rico



FACULTY MEMBERS/ REPRESENTATION

- James Bale, MD, FAAP/ Neurology
- Steve Caddle, MD, FAAP/ Primary Care
- Margaret Fisher, MD, FAAP/ Infectious Disease/Disaster Preparedness
- Deliana Garcia, MD/ Migrant Clinicians Network
- Dixie Griffin, MD, FAAP/ Primary Care
- Abigail Kroening, MD, FAAP/ Developmental/Behavioral Pediatrics
- Ana Medina, MD, FAAP/ Pediatrics in Puerto Rico
- Marilyn Ruiz/ Family Perspective
- Perry Sheffield, MD, FAAP/ Public and Environmental Health
- Neil Silverman, MD/ Obstetrics and Gynecology
- Marcia Tartarella, MD/Ophthalmology



COURSE OUTLINE

- 8 week session
- 15 minutes of didactics
- 45 minutes of case presentations



WHAT'S NEXT?

Module Two: History and Incidence of Zika virus

