Module One
Project ECHO Zika
(Extension for Community Healthcare Outcomes)
‘Building Capacity for Primary Care providers’
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‘Building Capacity for Primary Care providers’
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

HUB

Spoke Clinic #1

Spoke Clinic #2

Spoke Clinic #3

Spoke Clinic #4
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

Innovation / New Technology

American Academy of Pediatrics
DEDICATED TO THE HEALTH OF ALL CHILDREN®
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