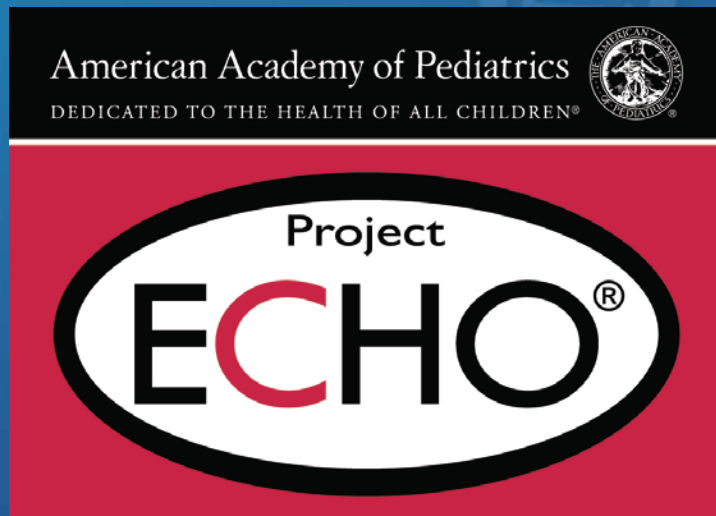


AAP ZIKA ECHO

(EXTENSION FOR COMMUNITY
HEALTHCARE OUTCOMES)



HOUSEKEEPING ITEMS

- For educational and quality improvement purposes, this ECHO session will be recorded
- Project ECHO® collects participation data for each ECHO session. This data allows Project ECHO to measure, analyze, and report on the ECHO movement's reach. Data is used in reports, on maps and visualizations, for research, for communications and surveys, for data quality assurance activities, and for decision-making related to new initiatives.
- **To protect patient privacy, please do not provide any (PHI) protected health information.**
- Please mute your microphone when not speaking. If you have video capability, please enable it.
- There is a chat function in Zoom that may be used to send messages to the group. For IT help, please chat to the AAP Admin and we will assist you.



ACKNOWLEDGMENTS

This project is supported by the Maternal and Child Health Bureau, Health Resources and Services Administration (HRSA) of the U.S. Department of Health and Human Services (HHS) under grant number U43MC09134



US Virgin Islands Zika Health Brigade, 2018

Shana Godfred-Cato, DO, FAAP
Jim Bale, MD, FAAP

Presented June 18, 2018

American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN®



DISCLOSURES

- We have no relevant financial relationships with the manufacturers(s) of any commercial products(s) and/or provider of commercial services discussed in this activity.
- We do not intend to discuss an unapproved/investigative use of a commercial product/device in this presentation.



OVERVIEW OF ZIKA IN THE US VIRGIN ISLANDS

- Jan 25, 2016 the first laboratory confirmed case in the US Virgin Islands

ZIKA UPDATE: CDC WARNS AGAINST TRAVELING TO US VIRGIN ISLANDS

Breaking News / Featured / Health / News / Top Stories / Virgin Islands / January 27, 2016

- 37,000+ positive tests for Zika virus in the U.S. territories
 - ~4500 are pregnant women
 - ~290 infants born to Zika positive mothers in the U.S. Virgin Islands in the last 2 years

USVI HEALTHCARE

- Care in the USVI for the pediatric population is delivered by
 - Pediatricians
 - Family medicine physicians
 - Med Peds physicians
 - Pediatric neurologist who travels to the islands a few times per year for a few days
 - Developmental pediatrician who also travels a few times a year to the islands
 - Audiologist split between St Thomas and St Croix



PURPOSE OF THE ZIKA HEALTH BRIGADE

- USVI Department of Health requested assistance from CDC, AAP, Family Voices, and HRSA
- Health Brigade provided pediatric specialists to come for 6 days and evaluate infants born to Zika positive mothers
- Specialists that participated included:
 - Pediatric Neurologists
 - Pediatric Ophthalmologists
 - Pediatric Audiologists
 - Developmental Pediatricians



ZIKA HEALTH BRIGADE

- Families with infants/children born to Zika positive mothers were scheduled in clinic for a 2 hour block
- Children were evaluated by audiology, ophthalmology, neurology, and developmental specialists
- Child life specialists assisted with the examinations and explaining procedures and examinations to families, also assisting with siblings
- Referrals were made based on abnormalities found
- Department of Health has the list of children needing follow-up care and are connecting them with local providers



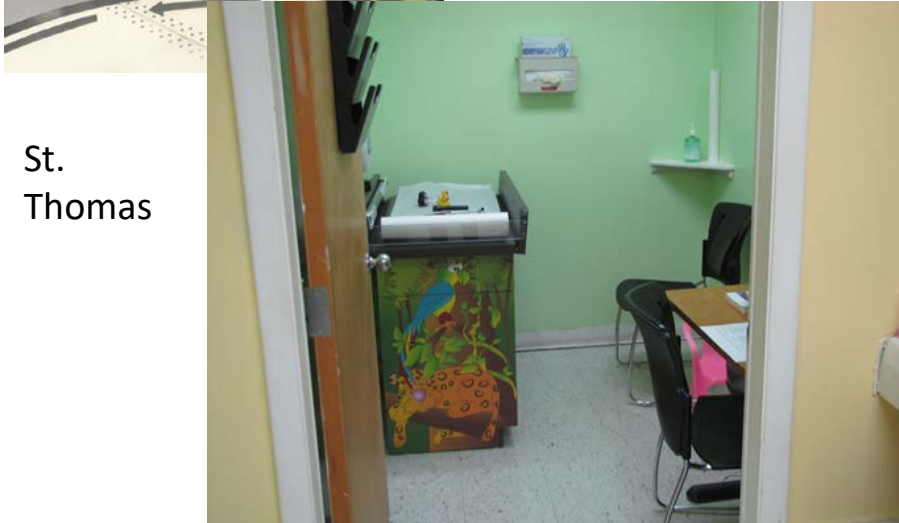
THE TEAM



THE LOCATIONS



St. Croix



St. Thomas



American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN®



DEMOGRAPHICS AND REFERRALS (88 PATIENTS)

Total Number of Pediatric Patients			88 (100)
Selected Demographic Characteristics	Health Brigade Site	St. Croix	23 (26.1)
		St. Thomas	65 (73.9)
	Sex	Male	53 (60.2)
		Female	35 (39.8)
	Age (Months)	0-2	8 (9.1)
		3-6	18 (20.5)
		7-12	40 (45.4)
		13-24	22 (25.0)
Referrals for Specialty Care Follow-up Among Health Brigade Participants*	# of Patients Referred for Follow-Up		62 (70.5)
	Audiology		46 (52.3)
	Neurology		10 (11.4)
	Developmental Pediatrics		10 (11.4)
	Ophthalmology		10 (11.4)
	Early Intervention Services		13 (14.8)
	Infant and Toddlers Program		25 (28.4)

REFERRALS

- **Audiology** referrals include referral for additional monitoring or evaluation by an otolaryngologist, audiologist, or pediatrician
- **Neurology** referrals include referral for additional evaluation or monitoring by a specialist in neurology and/or referral for neuroimaging
- **Developmental Pediatrics** referrals include referral for additional evaluation or monitoring by a specialist in developmental pediatrics
- **Ophthalmology** referrals include referral for corrective lenses and/or additional monitoring and evaluation by an ophthalmologist
- **Early Intervention Services** include referrals to speech therapy, physical therapy, and/or occupational therapy
- **Infant and Toddlers Program** referral includes referral to the USVI Infant and Toddlers Program for parent support services



CASE STUDY

- An 18-month-old was seen in the St. Thomas clinic. Examination showed a distinctive facial appearance with prominent epicanthal folds and microcephaly (OFC <10th %tile). She had mild, global developmental delays, most notable for language. Audiological and ophthalmological examinations were normal.
- Her mother had a similar facial appearance. She had been seen as a child in the St. Thomas MCH clinic for developmental concerns. Her OFC was 51 cm (average OFC for an adult woman = 54.5 cm).



FOLLOW-UP CARE

- Pediatric Neurologist will continue to return a few times a year for follow-up
- Adult neurologist will cover in the meantime
- Audiology (working on hiring a second, one for each island)
- Developmental pediatrician will return a few times a year for follow-up (currently on St Croix, working on clinic location for St Thomas)
- Adult ophthalmology will cover
- Primary care providers will continue to provide well child examinations, follow development and growth parameters



FUTURE ZIKA WORK

- HRSA is connecting with local physicians to provide education
- DOH is working to recruit more pediatric specialty providers, pediatrician for MCH clinic on St Croix and an audiologist for St Thomas
- DOH is continuing to follow the patients that were seen during the health brigade to ensure follow-up is occurring





THANK YOU

- For any questions please contact shanaecato@gmail.com

