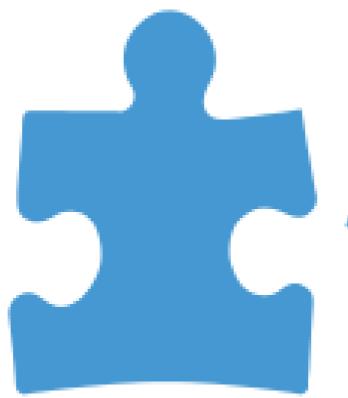
# **AUTISM SPEAKS®**

Autism Awareness Interagency Roundtable Indian Health Service

Pamela J. Dixon, PhD, LP Director, Clinical Services and Inclusion | Public Health Autism Speaks | Washington, D.C.

April 2, 2019





# AUTISM SPEAKS® **Enhancing lives today** and accelerating a spectrum of solutions for tomorrow

### **Presentation Outline**

### Importance of early:

-Screening

-Assessment/Evaluation

-Intervention



## Early Identification



## **Screening/Early Identification**

- Each state has an Early Intervention Program
- Discuss with Pediatrician American Academy of Pediatrics recommendations
- All children screened at 18 and 24-month well child visits -Modified Checklist for Autism in Toddlers-R (MCHAT-R)
- Challenges
  - -Parents often do not feel "heard"
    - get a second opinion

• parents from minority groups may not feel comfortable challenging pediatrician Complete the online MCHAT-R and bring to pediatrician

### Public Awareness Campaign partnership with Sesame Workshop



- Partnership with Sesame Workshop  $\bullet$
- The new public awareness campaign aims to help lower the age of diagnosis for all children, no matter their ethnicity or socioeconomic status
- Spanish- and English-language content
- Digital, print and out-of-home ads, television to follow in late summer 2019



Websites - <u>ScreenForAutism.org</u> and <u>DeteccionDeAutismo.org</u>, families can find resources

Get your blue gear for April 2



What Is Autism?

Help & Information

# Instructions for Taking and Scoring the M-CHAT-R (available in other languages here)

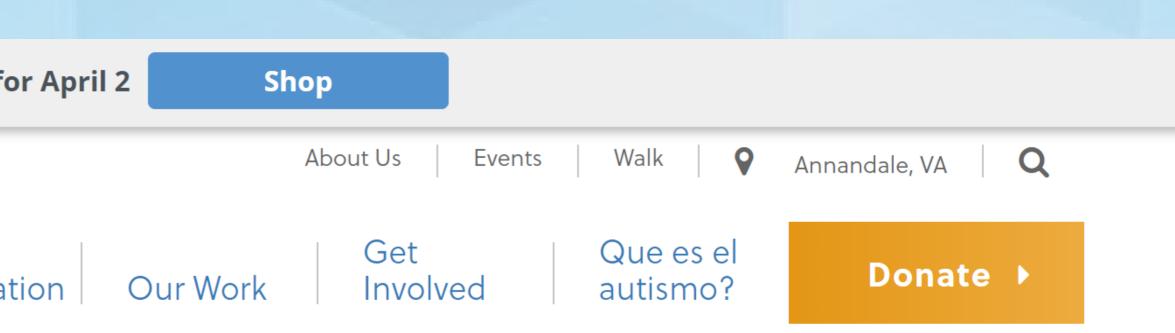
The Modified Checklist for Autism in Toddlers, Revised (M-CHAT-R) is a screener that will ask a series of 20 questions about your child's behavior. The results will let you know if a further evaluation may be needed. You can use the results of the screener to discuss any concerns that you may have with your child's healthcare provider.

Please answer questions to reflect your child's usual behaviors. If the behavior is rare (e.g., you've seen it only once or twice), answer as if the child has not acquired the behavior.

### M-CHAT-R (Modified Checklist for Autism in Toddlers, Revised)

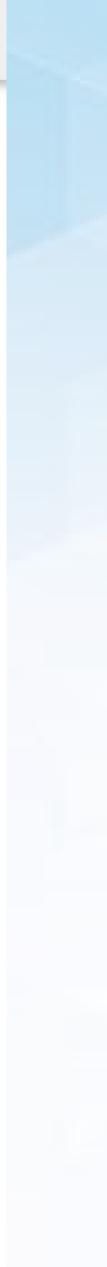
1. If you point at something across the room, does your child look
(FOR EXAMPLE, if you point at a toy or an animal, does your child
VES NO
Next »

© 1999 Diana Robins, Deborah Fein & Marianne Barton



at it? I look at the toy or animal?)







## Assessment/Diagnosis



### **Education:** Special Education Classification

- Testing in schools to determine educational classification -Autism Impaired (AI)
- Most likely will include the following components
  - -Developmental level/intelligence
  - -Academic status
  - -Autism Symptoms using questionnaires and observational measures
  - -Classroom observation
- Results in Individualized Education Plan/Program (IEP)

### "Medical" Diagnosis

- Most likely will include the following components -Developmental level/intelligence -Adaptive Functioning
  - -Autism symptoms using evidence-based observational measures
    - ADOS-2
    - ADI-R
  - -SRS/SCQ
- to gain access to intervention

Psychologist/Developmental Pediatrician/Pediatrician/Neurologist

• Results in diagnosis and treatment plan (optimally) that can be used

### Intervention

(Wong, Odom, Hume, Cox, Fettig et al, 2015)

- Comprehensive Treatment Models Denver Model
- Focused Intervention Practices -Examples: Discrete Trial Teaching, prompting, PECS, naturalistic intervention, parent-implemented intervention
- Challenges

# -Set of practices designed to achieve broad impact on core deficits of ASD -Examples: Pivotal Response Training, TEACCH, LEAP Model, Early Start

-Designed to address single skills, building blocks for comprehensive models



### **Importance of Early Intervention**

- Children with ASD who receive intervention see gains in development
  - -Increases in developmental level/IQ
  - –Improvements in speech-language functioning
  - Improvements in social-communication behaviors
  - Improvements in daily living /adaptive functioning
  - Decreases in challenging behaviors



Autism Speaks/WHO Caregiver Skills Training Program





### **Next Generation of Behavioral Interventions**

WHO Caregiver Skills Training program (CST)



AUTISM SPEAKS\*

World Health Organization Parent Skills Training for Caregivers of Children with Developmental Delays and Disorders A new package for capacity building - developed in collaboration with Autism Speaks®



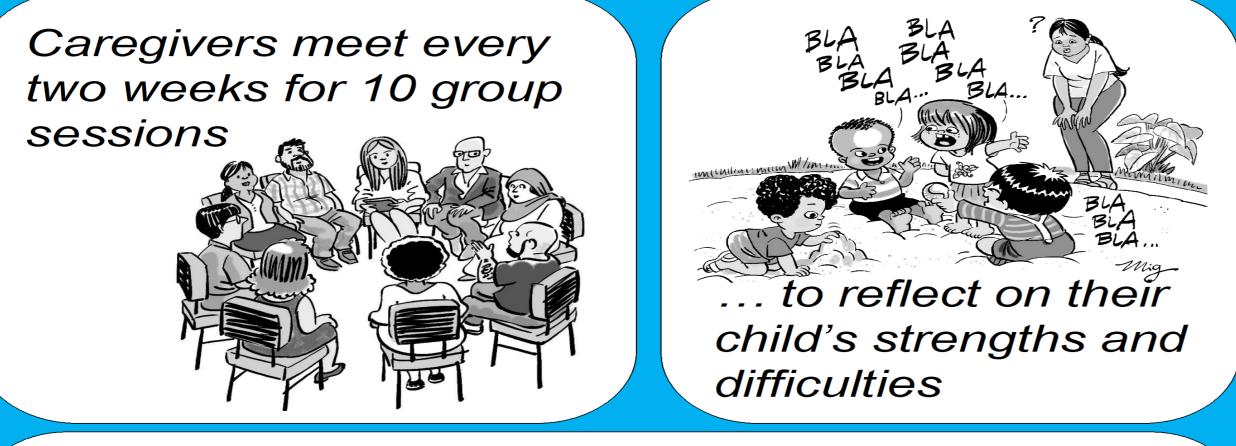
CST at a Glance: Empower caregivers and families with actionable knowledge to promote healthy development and outcomes.

- Acceptable (i.e. culturally competent) and feasible; leverages home routine and play.
- Can be delivered by nonspecialists,

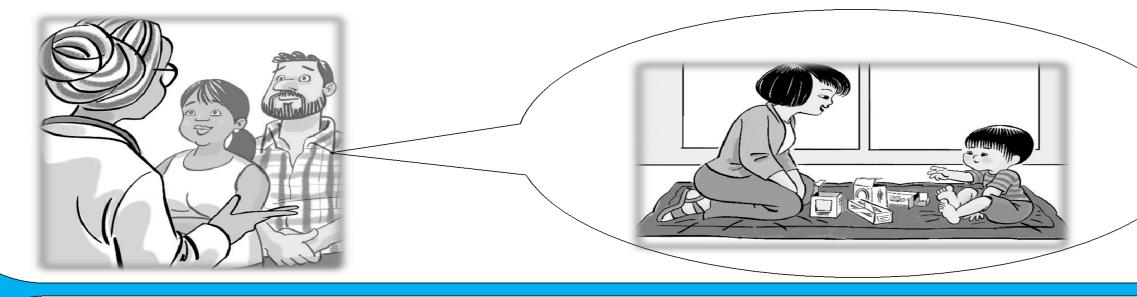
including caregivers.

• Designed to be adapted and integrated into existing services or systems of care, including health, education and social protection...





In group sessions, facilitators describe and show psychoeducational strategies...



The strategies taught aim to promote the development of...



*[illustrations taken from the PST Participant Manual; artwork by Miguel Mendez]* 

### The PST programme





...and work on their personal goals

...while three home visits are used to tailor the intervention and coach caregivers



... inclusion and **social** engagement

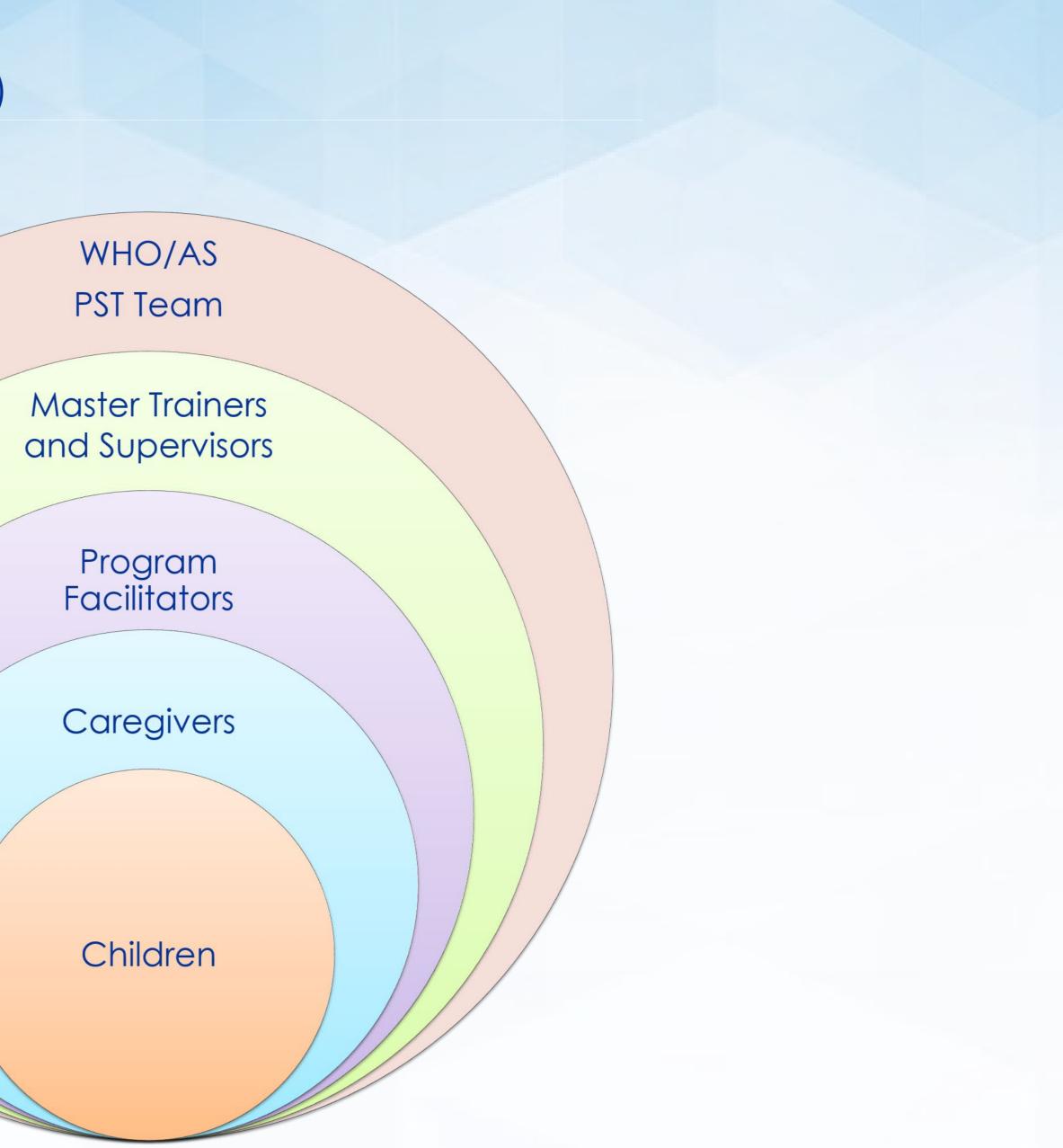


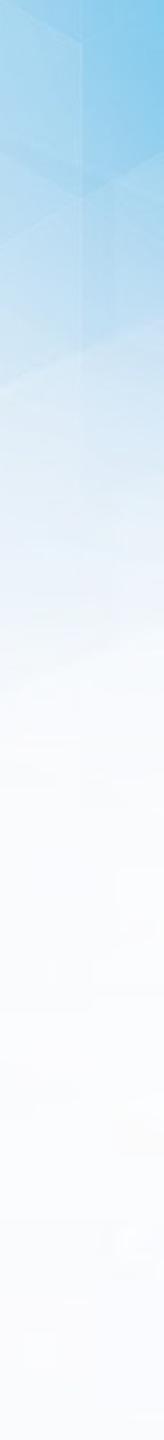




### **Empowering Caregivers**

WHO Parent Skills Training program (PST)





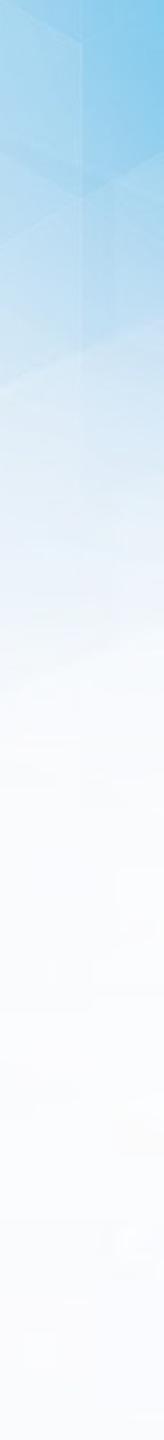


### **Global Reach of CST Implementation**

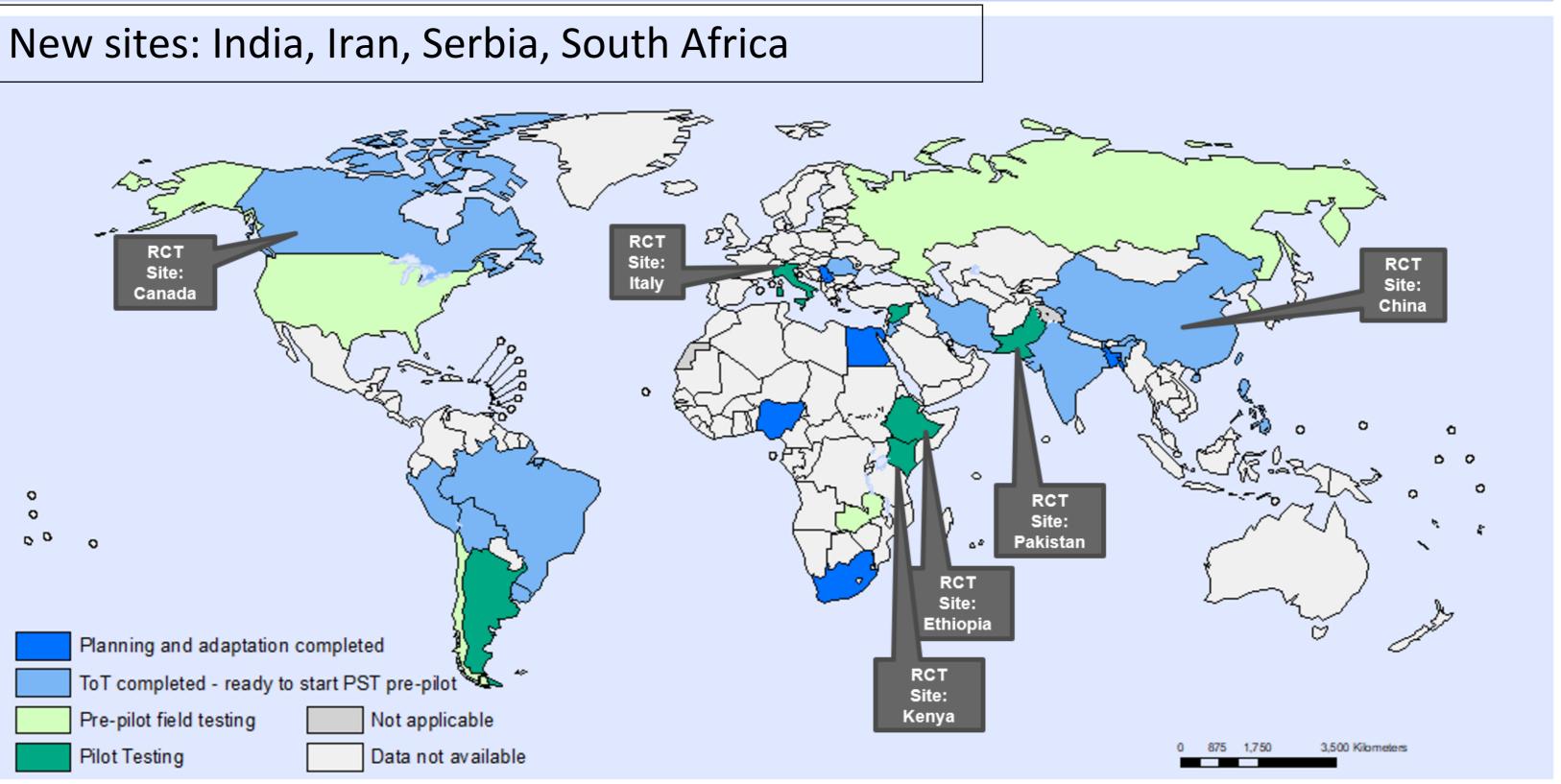
• 28 countries -Select countries (est. Treatment gap > 95%)

• 2 US communities: -Newark, Latinx community -New York City, Chinese community

\*Source: World Bank



## **2018 Field Trials and Implementation Sites N=28**



The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

### Field trials and implementation sites

Data Source: World Health Organization Map Production: Information Evidence and Research (IER) World Health Organization



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### Thank you!

## SPEAKS "Families Are @ the Heart of Everything We Do"

