

The Survey of Wellbeing of Young Children (SWYC)

www.theSWYC.org

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What's the problem?

- 15 - 20% of children have emotional and/or developmental disabilities
- Higher among children
 - born prematurely
 - in poverty
 - with a chronic health condition
- Few are treated

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Recent trends:

- Reported prevalence is increasing
- Increasing awareness
 - ADHD
 - Autism
 - Depression, anxiety
 - Social risk factors
- Growing evidence that early interventions help



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Increased Focus on Children's Development & Mental Health

- Centers for Disease Control (CDC)
- American Academy of Pediatrics (AAP)
 - Task Force on the Family
 - Mental Health Task Force
 - Screening Guidelines 2001, 2006, 2015
 - Practice Guidelines (ADHD, Autism)
 - Bright Futures
- American Academy of Child and Adolescent Psychiatry (AACAP)
- Many state initiatives for screening

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Concerns about Instruments: "Behavior" and "Development"

- Screening instruments have been disconnected
 - Cognitive, language, motor development
 - Social/emotional wellbeing
 - Psychosocial challenges
 - Parental depression
- Evidence of 'development' is 'behavior'
- Inextricably interconnected



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Other Concerns about Screening Instruments

- Most are proprietary
 - Cost
 - Adaptability
 - Electronic format
- Concerns about
 - Feasibility
 - Validity
- Not tested for longitudinal use
- Many require props, follow-up
- Not comprehensive

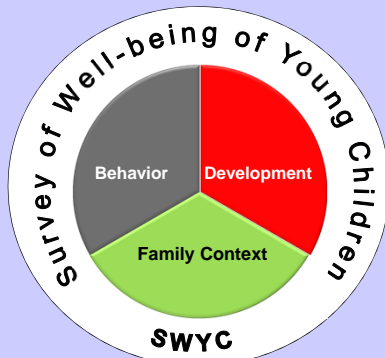


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SWYC goals

- To maximize the amount of information that can be elicited from parents of young children before a visit.
- Comprehensive
 - Behavioral symptoms
 - Developmental milestones
 - Autism symptoms
 - Family risk
- Feasible:
 - Brief
 - Easy to administer and score
 - Amenable to electronic administration
 - Free
- Valid across gender, race/ethnicity, SES

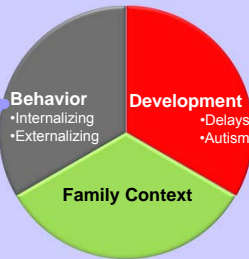
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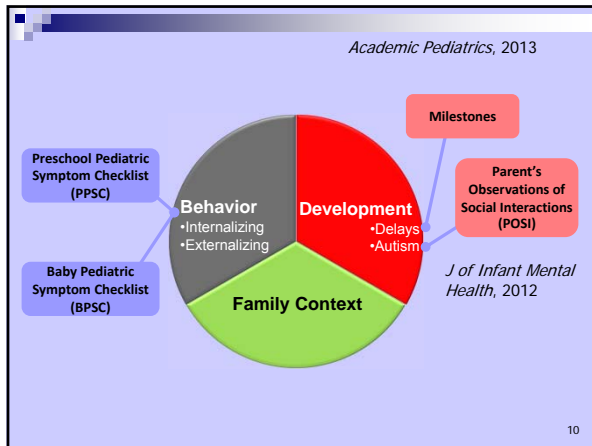
Preschool Pediatric Symptom Checklist (PPSC)

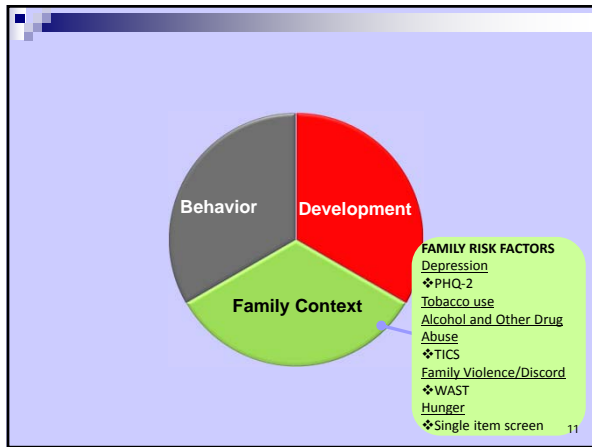
Baby Pediatric Symptom Checklist (BPSC)



Academic Pediatrics, 2012
Academic Pediatrics, 2013

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SWYC forms

Visit on periodicity schedule												
	2	4	6	9	12	15	18	24	30	36	48	60

SWYC forms

Visit on periodicity schedule												
	2	4	6	9	12	15	18	24	30	36	48	60
Social-emotional functioning	●	●	●	●	●	●	●	●	●	●	●	●
Developmental milestones	●	●	●	●	●	●	●	●	●	●	●	●
ASD symptoms							●	●	●			
Family risk	●	●	●	●	●	●	●	●	●	●	●	●

SWYC forms

Visit on periodicity schedule												
	2	4	6	9	12	15	18	24	30	36	48	60
Social-emotional functioning	BPSC						●	●	●	●	●	●
Developmental milestones	●	●	●	●	●	●	●	●	●	●	●	●
ASD symptoms							●	●	●			
Family risk	●	●	●	●	●	●	●	●	●	●	●	●

SWYC forms

Visit on periodicity schedule												
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Social-emotional functioning	BPSC						PPSC					
Developmental milestones	●	●	●	●	●	●	●	●	●	●	●	●
ASD symptoms							●	●	●			
Family risk	●	●	●	●	●	●	●	●	●	●	●	●

Example SWYC Forms

12-Month

Previously validated questions selected from the research literature

- Parental depression
- Parental substance use (tobacco, alcohol, other drugs)
- Parental discord
- Hunger

Family Risk Questions

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Development & initial validation

Initial research on each SWYC domain:

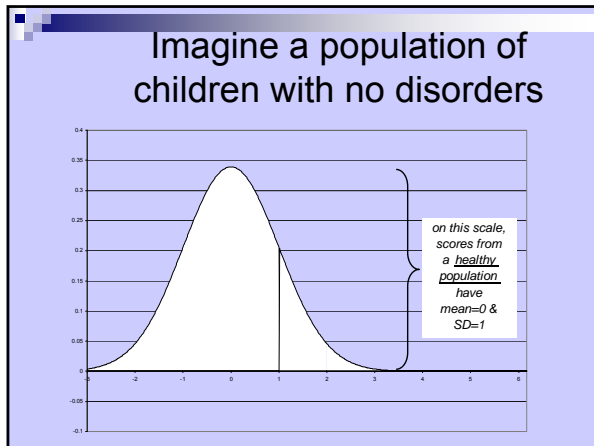
- Is published in a peer-reviewed journal
- Includes findings from 2 independent samples
- Compared accuracy against accepted screeners

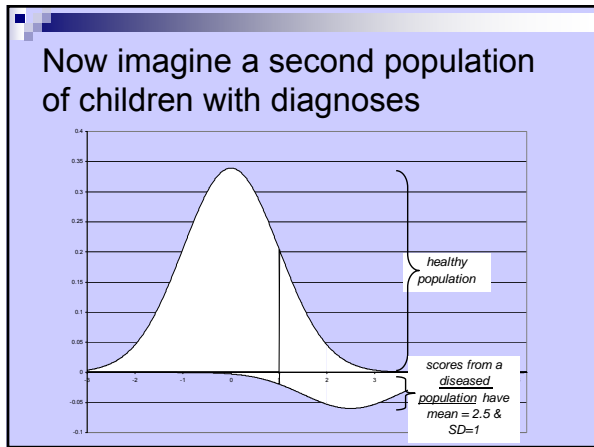
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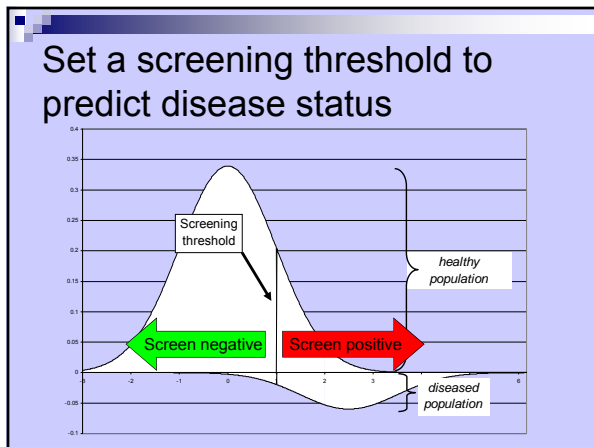
Ongoing work

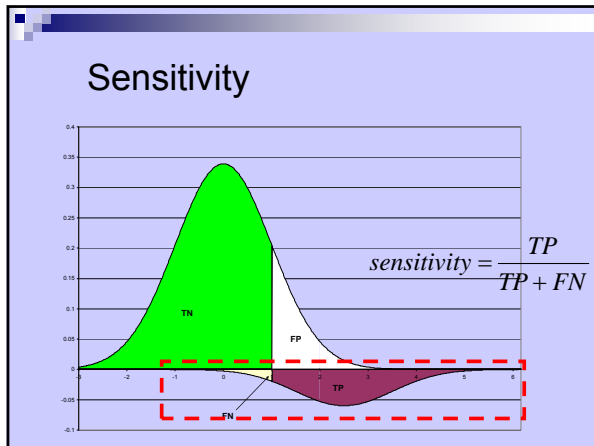
- Manual in process
- Electronic format in process
- Discussions re EMR integration
- Comparative accuracy study funded by NICHD
 - PEDS + MCHAT
 - ASQ + ASQ-SE + MCHAT
 - SWYC
- Translation and replication in Spanish
- Qualitative study by Tribal Early Childhood Research Center
- International interest

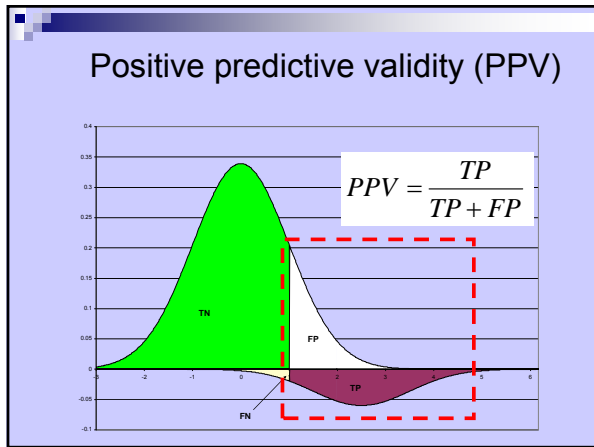
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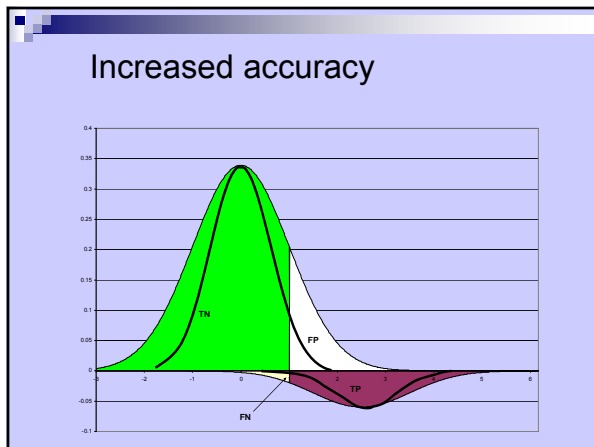


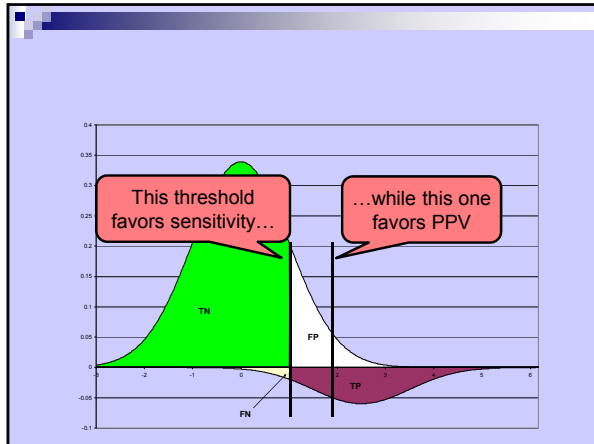












Summary: SWYC

- Brief surveillance (~ 10 minutes)
- Accuracy (sensitivity and specificity) comparable to longer screening instruments
- Comprehensive (cognitive, motor, language and social-emotional development; risk factors)
- Amenable to electronic format
- Freely available in English & Spanish
- Approved for use by MA Medicaid/CBHI
- www.theSWYC.org

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