

# SDOH SCREENING TOOLS FOR PUBLIC HOUSING RESIDENTS

## LEARNING COLLABORATIVE

Implementing a Screening  
Process with Whole Families in  
Mind

May 18, 2021



# National Center for Health in Public Housing



The National Center for Health in Public Housing (NCHPH), a project of North American Management, is supported by the Health Resources and Services Administration (HRSA) of the U.S. Department of Health and Human Services (HHS) under grant number U30CS09734, a National Training and Technical Assistance Cooperative Agreement (NCA) for \$2,006,400 and is 100% financed by this grant. This information or content and conclusions are those of the author and should not be construed as the official position or policy of, nor should any endorsements be inferred by HRSA, HHS or the U.S. Government.

An illustration of a hand holding a laptop. The laptop screen displays the Zoom logo in blue lowercase letters. The background is a light blue sky with stylized clouds. The hand is wearing a white shirt cuff and a yellow tie.

zoom

# Housekeeping

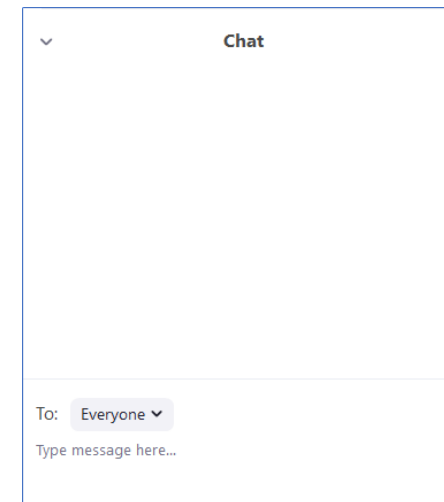
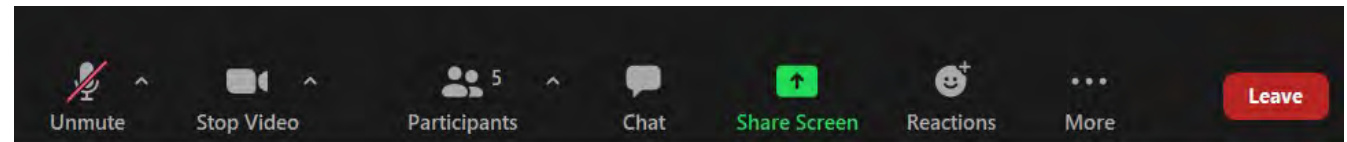
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- All participants muted upon entry
- Cameras on (if possible)
- Engage in chat
- Raise hand if you would like to unmute
- Meeting is being recorded
- Slides and recording link will be sent via email and posted to Moodle within a week after session

# Icebreakers

## In the Chat

- Name and role
- Health center name
- City and State



# Moodle

- Materials related to LC will be available through this platform
- Visit [Moodle.nchph.org](https://moodle.nchph.org) select “Screening SDOH for Public Housing Residents”
- Create account
- Detailed instructions on how to access materials included in our “Welcome Packet”



# Moderator and Facilitators

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Saqi Maleque Cho, DrPH, MSPH  
Director of Research, Policy, and Health Promotion  
National Center for Health in Public Housing  
[saqi.cho@namgt.com](mailto:saqi.cho@namgt.com)



Abdin Noboa-Rios, PhD  
President  
Innovative Consultants International, Inc.  
[abdin.noboa@namgt.com](mailto:abdin.noboa@namgt.com)

# Guest Speaker

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Dr. Christina Bethell

Professor, Bloomberg School of Public Health

Department of Population, Family and Reproductive Health

Director, Child and Adolescent Health Measurement Initiative

Johns Hopkins University



# Agenda

- Review of previous session
- Session 3 overview
- Case Study
- Guest Speaker- Dr. Christina Bethell
- Q&A
- Wrap up



# Criteria for Choosing a Standardized Screenener

- Domains
- Length of assessment
- Reading level
- Languages available
- Cost
- Integration into EHRs
- Flexibility
- Resources needed to implement screening tool
- Rating or ranking

# What is PRAPARE?

A national **standardized** patient risk assessment **protocol built into the EHR** designed to **engage patients** in assessing and addressing social determinants of health.



[www.nachc.org/prapare](http://www.nachc.org/prapare)

# SDOH Data Collection: Five Rights Framework



**THE RIGHT  
INFORMATION**

**WHAT**



**IN THE  
RIGHT FORMAT**

**HOW**



**WITH THE  
RIGHT PEOPLE**

**WHO**



**VIA THE RIGHT  
CHANNELS**

**WHERE**



**AT THE  
RIGHT TIMES**

**WHEN**

# Session 3: Guiding Questions

1. How can trust be built between patients and providers when addressing patient risks?
2. It is important to integrate social needs data into the delivery of health care, but how?
3. Can screening tools be helpful in the assessment of quality of care? How?



# Implementing a Screening Process with Whole Families in Mind

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- Learning Objectives
  - Identify ways to build trust between patients and providers when identifying and addressing social risks.
  - Describe practical ways to integrate data from screening tools and guides with clinical summary reports to prepare for inpatient visits.
  - Discuss practical methods to measure and assess quality of care based on input from screening tools.

# Polling Question:

- What pediatric screening tools are you currently using? (Check all that apply.)
  - Ages and Stages Questionnaire (ASQ-3 or ASQ-SE-2)
  - Parents' Evaluation of Developmental Status (PEDS)
  - Survey of Wellbeing of Young Children (any component)
  - Modified Checklist for Autism in Toddlers (MCHAT)
  - Patient Health Questionnaire or EPDS (PHQ-2 or PHQ-9)
  - Accountable Health Communities (AHC) HRSN Screening Tool
  - Health Leads Screening Tool
  - PEARLS- Pediatric ACEs Screening and Related Life-events Screener
  - A Safe Environment for Every Kid (SEEK) Questionnaire
  - Well Child Care, Evaluation, Communities Resources, Advocacy, Referral, Education Survey Instrument (WE CARE)

# SAMPLE PATIENT FOR EARLY CHILDHOOD AND FAMILY PREVENTIVE CARE

**Case:** Rocio is a 17-year-old who is pregnant and has a 1-year-old child. She has come in for her child's 12-month well child visit. As she has reported, she is having difficulty with her pregnancy and very afraid for her health and seems to be lacking support.

**Implications for SDOH screening:** How can the screening of the social determinants of health help reduce her risk of adverse pregnancy as well as support her well-being?

## **SCIENCE AND EPIDEMIOLOGY OF CHILD DEVELOPMENT AND MATERNAL HEALTH:**

- **Fact:** Over 60% of young children have mothers who do not have excellent or very good health and nearly 30% of mothers report lacking emotional support. This often prevents healthy attachment, which impact child brain development and early and lifelong health and well-being of children and families.
- **Implications for SDOH screening:** What does this mean for screening the social determinants of health?

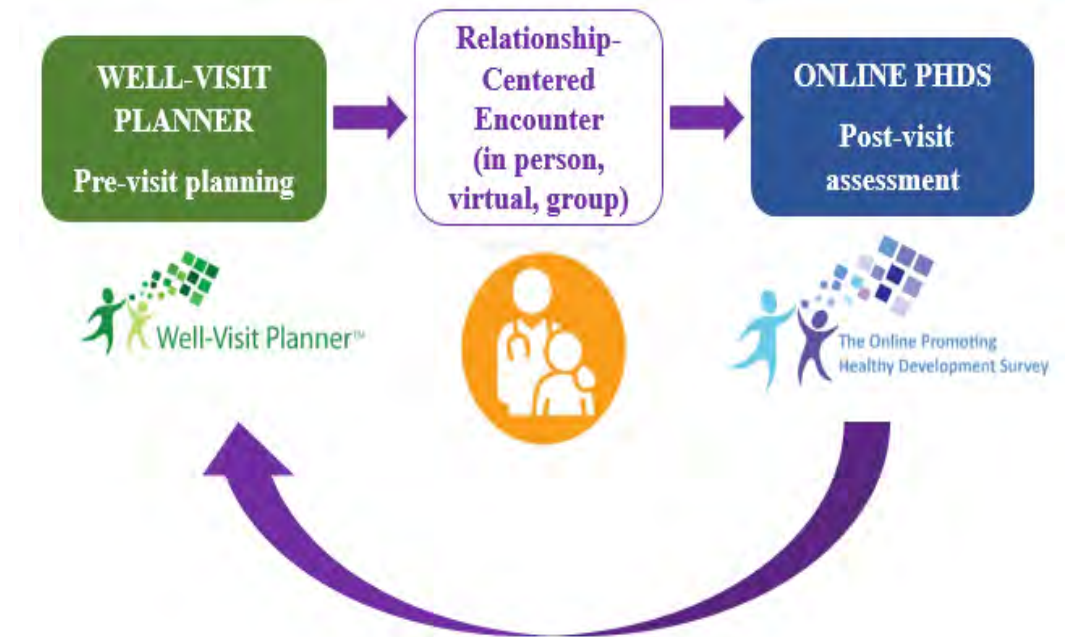
Guest Speaker



# Creating a Cycle of Engagement to Promote Child and Family Well Being: Implementing a Screening and Care Process with the Whole Family in Mind

Christina Bethell, PhD, MPH, MBA

Professor, Johns Hopkins Bloomberg School of Public Health  
Director, Child and Adolescent Health Measurement Initiative





## WHO WE ARE

The Child and Adolescent Health Measurement Initiative (CAHMI) is a national initiative that strives to promote early and lifelong health for children, families, and communities using family-centered measurement, data, and engagement tools with a particular focus on factors that make flourishing possible.



Data In Action

Measurement In Action

Engagement In Action

Flourishing in Action

## WHAT IS CAHMI?

**OUR MISSION:** CAHMI seeks to address what we need to know about children, families and communities, how to measure it, and how that data can be used to improve outcomes through advancing change in policy and practice.

**OUR VALUES:** CAHMI believes all children, families and communities deserve equitable, safe, stable environments, and through actionable data, transformational partnerships, and transformative goals, that can be a reality for all.

### National Survey of Children's Health Interactive Data Query

Video Tour of the Interactive Data Query

2018-2019 (two years combined)

Nationwide

**Note:** For the most reliable estimates, use the two-year combined data (e.g. 2018-2019).

[Continue](#)

Archived Data Query for NSCH and NS-CSHCN (prior to 2016)



### How to Use the DRC Website

The DRC advances the use of the National Survey of Children's Health, led by HRSA MCHB. Find more resources here:

- About the DRC
- DRC Video Overview
- DRC Frequently Asked Questions
- Data available in the online data query
- Request NSCH datasets
- Download NSCH codebooks

### For Title V

The DRC focuses on data and resources for Title V programs and partners. For over 75 years, the HRSA Maternal and Child Health Bureau (MCHB) has funded the Title V program to ensure the health of the nation's mothers, women, children and youth.

- [Link to Ways to Compare Data Across States on the DRC Website](#)
- [Link to HRSA MCHB Title V Information System](#)
- [Link to Get Help](#)

### Compare Data Across States



### Highlights and Updates



Combined 2018-2019 NSCH downloadable data sets and codebooks are now available on the DRC



Single year 2019 NSCH estimates, downloadable data sets, and codebooks will be available through the DRC in late



Estimates from the combined 2018-2019 National Survey of Children's Health available on the DRC Interactive

### @childhealthdata

Data Resource Center  
@childhealthdata

66.5% of children and adolescents meet all 3 flourishing measures according to the #NSCH18-19. Learn more at [bit.ly/3eaj8ax](https://bit.ly/3eaj8ax). NSCH funded and directed by @HRSAgov.

### Current Search Criteria

Survey: 2018-2019 National Survey of Children's Health  
Starting Point: Child and Family Health Measures  
State/Region: Nationwide ([quick edit](#))  
Topic: Family Health and Activities  
Question: Indicator 6.26: Food insufficiency   
Sub Group: Adverse childhood experiences

### Edit Search Criteria

Select a State or Region to Compare

Adverse childhood experiences

[Change Question, Topic or Survey](#)

Indicator 6.26: Which of these statements best describes your household's ability to afford the food you need during the past 12 months?

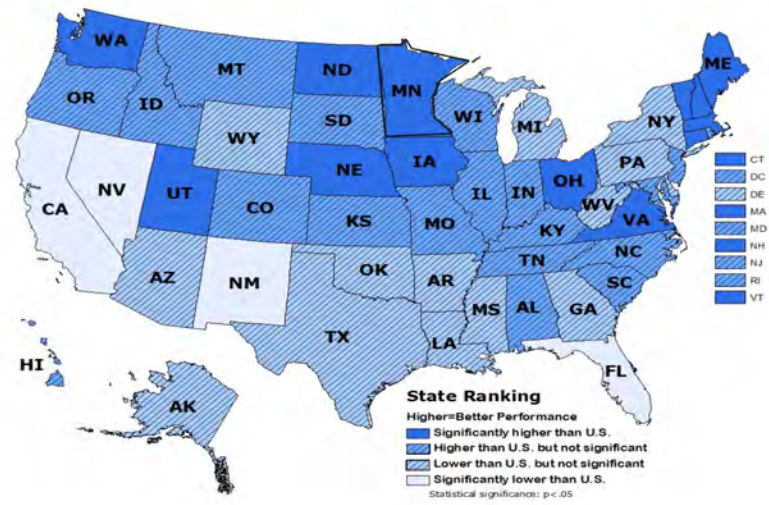
		We could always afford to eat good nutritious meals	We could always afford enough to eat but not always the kinds of food we should eat	Sometimes we could not afford enough to eat	Often we could not afford enough to eat	Total %
No adverse childhood experiences	%	81.0	18.0	0.9	0.1	100.0
	C.I.	80.1 - 81.9	17.1 - 19.0	0.7 - 1.1	0.0 - 0.2	
	Sample Count	30,713	5,307	175	17	
	Pop. Est.	34,798,518	7,750,133	379,902	29,015	
	%	56.7	35.6	6.5	1.2	100.0

### Title V National Performance Measure #11: Percent of children without special health care needs, ages 0 through 17, who have a medical home

2017-2018 National Survey of Children's Health (2 years combined)

Nationwide: 49.4% of children met indicator

Range Across States: 42.4% to 62.3%



## RESEARCH ARTICLE

HEALTH AFFAIRS &gt; VOL. 33, NO. 12 CHILDREN'S HEALTH

# Adverse Childhood Experiences: Assessing The Impact On Health And School Engagement And The Mitigating Role Of Resilience

Christina D. Bethell, Paul Newsome

AFFILIATIONS ▾

PUBLISHED: DECEMBER 2014

RESEARCH ARTICLE CULTURE OF HEALTH

HEALTH AFFAIRS &gt; VOL. 38, NO. 5 SOCIAL DETERMINANTS, CHILDREN &amp; MORE

# Family Resilience And Connection Promote Flourishing Among US Children, Even Amid Adversity

Christina D. Bethell, Narangerel Gombojav, and Robert C. Whitaker

AFFILIATIONS ▾

PUBLISHED: MAY 2019 [Open Access](#)<https://doi.org/10.1377/>

## SUMMARY FROM NATIONAL AGENDA AND FIELD BUILDING COLLABORATION

# Prioritizing Possibilities for Child and Family Health: An Agenda to Address Adverse Childhood Experiences and Foster the Social and Emotional Roots of Well-being in Pediatrics



Christina D. Bethell, PhD, MBA, MPH; Stephanie Guinosso, PhD, MPH; Sandeep K. Paul, MD, MPH; David Ford, BA; Lisa A. Simpson, MB, BCh, FRCR

From the Child and Adolescent Health Measurement Initiative (Solloway), Johns Hopkins Bloomberg School of Public Health School-Based Health Alliance (Dr Guinosso), Berkeley, Ca Pediatric Weight Management, Department of Pediatrics, National Academy Health (Ms Srivastav and Dr Simpson), Washington, D.C. The authors have no conflicts of interest to disclose. Address correspondence to Christina D. Bethell, PhD, MBA, St, Rm E-4152, Baltimore, MD 21205 (e-mail: cbethell@jhmi.edu).

### ABSTRACT

**OBJECTIVE:** A convergence of theoretical and empirical evidence across many scientific disciplines reveals unprecedented possibilities to advance much needed improvements in child and family well-being by addressing adverse childhood experiences (ACEs), promoting resilience, and fostering nurturing and the social and emotional roots of healthy child development.

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### Original Investigation

ONLINE ONLY

September 9, 2019

# Positive Childhood Experiences and Adult Mental and Relational Health in a Statewide Sample

## Associations Across Adverse Childhood Experiences Levels

Christina Bethell, PhD, MBA, MPH<sup>1</sup>; Jennifer Jones, MSW<sup>2</sup>; Narangerel Gombojav, MD, PhD<sup>1</sup>; et al[Author Affiliations](#) | [Article Information](#)

JAMA Pediatr. 2019;173(11):e193007. doi:10.1001/jamapediatrics.2019.3007

[Home](#) > Bright Futures

## Bright Futures



HRSA's Bright Futures Program aims to improve health outcomes for the nation's infants, children, and adolescents by increasing the quality of primary and preventive care through maintenance and dissemination of age-specific, evidence-driven clinical guidelines. HRSA launched the Bright Futures program in 1990 to address a need for unified guidance on how to design the most modern, efficient, and comprehensive pediatric checkup.

One component of the Bright Futures Guidelines is the Periodicity Schedule, a tool describing which preventive services and screenings should be delivered at each of 32 well visits from prenatal to 21 years of age. On December 28, 2020, HRSA accepted the current version of the Bright Futures Periodicity Schedule for purposes of Section 2713 of the Public Health Service Act (42 U.S.C. § 300gg-13) and 45 CFR Part 147). The [Federal Register Notice](#) describes the update. The updated Bright Futures Periodicity Schedule will be made publicly available on the [awardee's webpage](#) in March 2021. All non-grandfathered group health plans and health insurance issuers offering group or individual health insurance coverage must cover the services and screenings listed on the current Bright Futures Periodicity Schedule for plan years (in the individual market, policy years) beginning on or after December 28, 2021.

### Section 2173 of the PHS Act

All non-grandfathered group health plans & health insurance issuers offering group or individual health insurance coverage must cover the services and screenings listed on the current Bright Futures Periodicity Schedule for plan years beginning on or after December 28, 2021

# Pediatric Health Services Transformation –Common Recommendations!

Policy, program and research recommendations/opportunities focused on promoting early and life long health of children and families

## Payment for Progress: Investing to Catalyze Child and Family Well-Being Using Personalized and Integrated Strategies to Address Social and Emotional Determinants of Health

A report on strategic priorities emerging from the "Payment transformation to address social and emotional determinants of health for children" project. Prepared for the Children's Hospital Association by the Child and Adolescent Health Measurement Initiative, Johns Hopkins University, and AcademyHealth.

Christina Bethell, PhD, MBA, MPH; Susan Kennedy, MPP, MSW

## Opportunities for Medicaid to Transform Pediatric Care for Young Children to Promote Health, Development, and Health Equity

CHCS Center for Health Care Strategies, Inc.  
NATIONAL COUNCIL FOR BEHAVIORAL HEALTH

## BEHAVIORAL HEALTH PROVIDER PARTICIPATION IN MEDICAID VALUE-BASED PAYMENT MODELS:

AN ENVIRONMENTAL SCAN AND POLICY CONSIDERATIONS

www.TheNationalCouncil.org

Center for the Study of Social Policy  
SENIOR PARTNERSHIP  
manatt  
JUNE 2019

## Fostering Social and Emotional Health through Pediatric Primary Care: A Blueprint for Leveraging Medicaid and CHIP to Finance Change

Donna Cohen Ross, Center for the Study of Social Policy  
Joseph Cooper, Alice Lam, Madeline Torres, Manatt Health

# Bright Futures

FOURTH EDITION

## Guidelines for Health Supervision of Infants, Children, and Adolescents

**Bright Futures**  
prevention and health promotion for infants, children, adolescents, and their families™

American Academy of Pediatrics  
DEDICATED TO THE HEALTH OF ALL CHILDREN™  
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## Well-Child Visits

- Comprehensive well child visits as required under EPSDT.
- Adherence to AAP Bright Futures scope and schedule.
- Screening for physical, developmental, social-emotional-behavioral health, maternal depression and other social determinants of health.
- Anticipatory guidance and parent education, as required in EPSDT and Bright Futures.
- Family engagement, focused on two-generation approaches to ensuring child health
- Other primary care practice augmentations (e.g., Reach Out and Read).

## Care Coordination / Case Management

- Individualized, with intensity commensurate with need.
- Routine care coordination for all as part of medical home.
- Intensive care coordination/case management for those with higher needs identified.
- Structured, family-focused approach to assess and respond to medical and non-medical health-related needs.
- Linkages to community resources, with active identification and engagement of those resources.

## Other Services

- Child/family support programs, including those designed to be collocated in primary care (e.g., Healthy Steps, Project DULCE).
- Integrated behavioral health in primary care setting.
- Referrals to and integration with other services such as home visiting, family support, early intervention, early childhood mental health, and other programs.

\* InCK Marks Working Paper; Johnson and Bruner and HE & YC papers (2017-2019).

# The Opportunity

*Tremendous opportunities are presented by the large gaps in child flourishing, school readiness and engagement, family resilience, parent-child connection, protective family routines and habits.*

*Research on evidence based opportunities to close gaps give hope!*

9 in 10 children do not receive all of a minimal core set of preventive and developmental services

After decades of work, only 30% of children receive developmental screening; follow up is rare. SDOH screening and FU is much lower.

30-50% of the 65 million per year recommended visits for children age 0-5 do not take place.

## Anticipatory Guidance Topics

28-32 Topics for Each Age

Newborn, 1, 2,  
4,6,9,12,15,18,24,36,48,60,72  
Months  
(etc)

### Example Categories

Physical Care  
Social and Emotional Development  
Injury Prevention  
School Readiness  
Oral Health

### HISTORY

Initial/Interval

### MEASUREMENTS

Weight

Temperature

Length

Head Circumference Index<sup>5</sup>

Blood Pressure<sup>6</sup>

### SCREENING

Vision<sup>7</sup>

Hearing

### PHYSICAL HEALTH

Heart<sup>11</sup>

Teeth<sup>12</sup>

Illness<sup>13</sup>

Assessment<sup>14</sup>

Screening<sup>15</sup>

Maternal Depression Screening<sup>16</sup>

### Pediatric Health Care

### PHYSICAL EXAMINATION<sup>17</sup>

### PROCEDURES<sup>18</sup>

Newborn Blood

Newborn Bilirubin<sup>21</sup>

Critical Congenital Heart Defect<sup>22</sup>

Immunization<sup>23</sup>

Anemia<sup>24</sup>

Lead<sup>25</sup>

Tuberculosis<sup>27</sup>

Dyslipidemia<sup>28</sup>

Sexually Transmitted Infections<sup>29</sup>

HIV<sup>30</sup>

Hepatitis C Virus Infection<sup>31</sup>

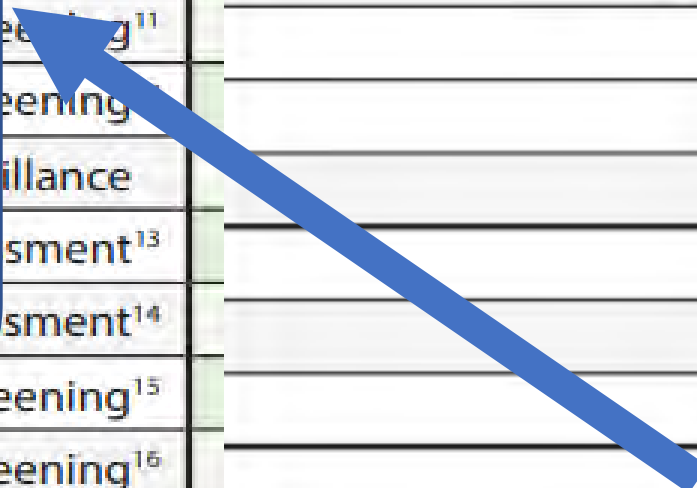
Cervical Dysplasia<sup>32</sup>

### ORAL HEALTH<sup>33</sup>

Fluoride Varnish<sup>35</sup>

Fluoride Supplementation<sup>36</sup>

### ANTICIPATORY GUIDANCE





# DO WE REALLY NEED TO KNOW ALL OF THIS?

## Summary of ten overlapping domains of social determinants of health included across eight prominent measures of SDOH

**Housing Instability:** homelessness, unsafe housing quality, inability to pay mortgage/rent, eviction

**Food Insecurity:** limited or uncertain access to adequate & nutritious food

**Financial Strain:** Unemployment, difficulty paying bills, medication, healthcare underuse due to cost, struggle with basic needs

**Discrimination:** racism, stigmatization, hostility and unemployment

**Social Isolation & Supports:** lack of family and/or friend networks, minimal community contacts, social engagement

**Addiction:** alcohol, tobacco and substance use/addiction

**Exposure to Violence:** intimate partner violence, community violence

**Stress:** daily, chronic stress in any aspect of life (work, school, home, etc.)

**Parent Personal Well-Being:** maternal/caregiver well-being; caregiver tobacco, alcohol and/or drug use/addiction

**Parent Relationship Well-Being:** ability to provide safe, stable, nurturing relationships; bonding and attachment; knowledge of parenting and development; relationship security, stability



Screening Tools Find Tools Doma

Systematic Review of Social Risk Screening Tools

Accountable Health (AHC-HRSN)

Domains:

Economic Stability  
Social and Community Context

Constructs:

Employment  
Expenses  
Social Support Systems  
Quality of Housing  
Transportation

Accountable Health Communities Health-Related Social Needs (HRSN)

HealthBegins

Health Leads

HelpSteps (Online Advocate)

Income, Housing, Education, Legal Status, Literacy, Personal (IHELLP) Questionnaire

Institute of Medicine (IOM)

Legal Checkup

Medical-Legal Partnership (MLP)

Partners in Health Survey

Protocol for Responding to and Assessing Patient Assets, Risks, and Experiences (PRAPARE)

Safe Environment for Every Kid (SEEK)

Social History Template

Social Needs Checklist

Structural Vulnerability Assessment Tool

Survey of Well-being of Young Children (SWYC)

	<i>Integrated Child Risk Index</i> Check mark indicate if each domain contains an item that reflects (R) or contributes to (C) each item in the AHC HRSN.		
<i>Accountable Health Communities (AHC) Health-Related Social Needs (HRSN) Screening Tool from the Centers for Medicare &amp; Medicaid Services (CMS)</i> <sup>64</sup>	Medical Health Risk domain	Social Health Risk domain	Relational Health Risk domain
Housing instability		✓ R, C	
Food insecurity		✓ R	
Transportation problems		✓ R	
Utility help needs		✓ R	
Interpersonal safety		✓ R	✓ R
Financial strain		✓ R	
Employment		✓ R	
Family and community support			✓ R
Education			
Physical activity			
Substance use			✓ R
Mental health			✓ R, C
Disabilities	✓ R		

# The Whole Child Complexity Index: Identified children and youth by the medical, social and relational health risks they experience

## Medical Health Risk (MHR) – 4 criteria

- Children with More Complex Special Health Care Needs
- Overall Health Status Fair or Poor
- Two or More Chronic Conditions (Across 25 conditions)
- Experiences Functional Difficulties - 11 difficulties (frequent, chronic, serious)

## Social Health Risk (SHR) - 4 criteria

- Food Insufficiency/Insecurity
- Economic Hardship/Difficulty paying for housing, transportation, basic needs
- Unsafe Neighborhood/Exposure to Violence
- Treated or Judged Unfairly Due to Race/Ethnicity

## Relational Health Risk (RHR)- 4 criteria

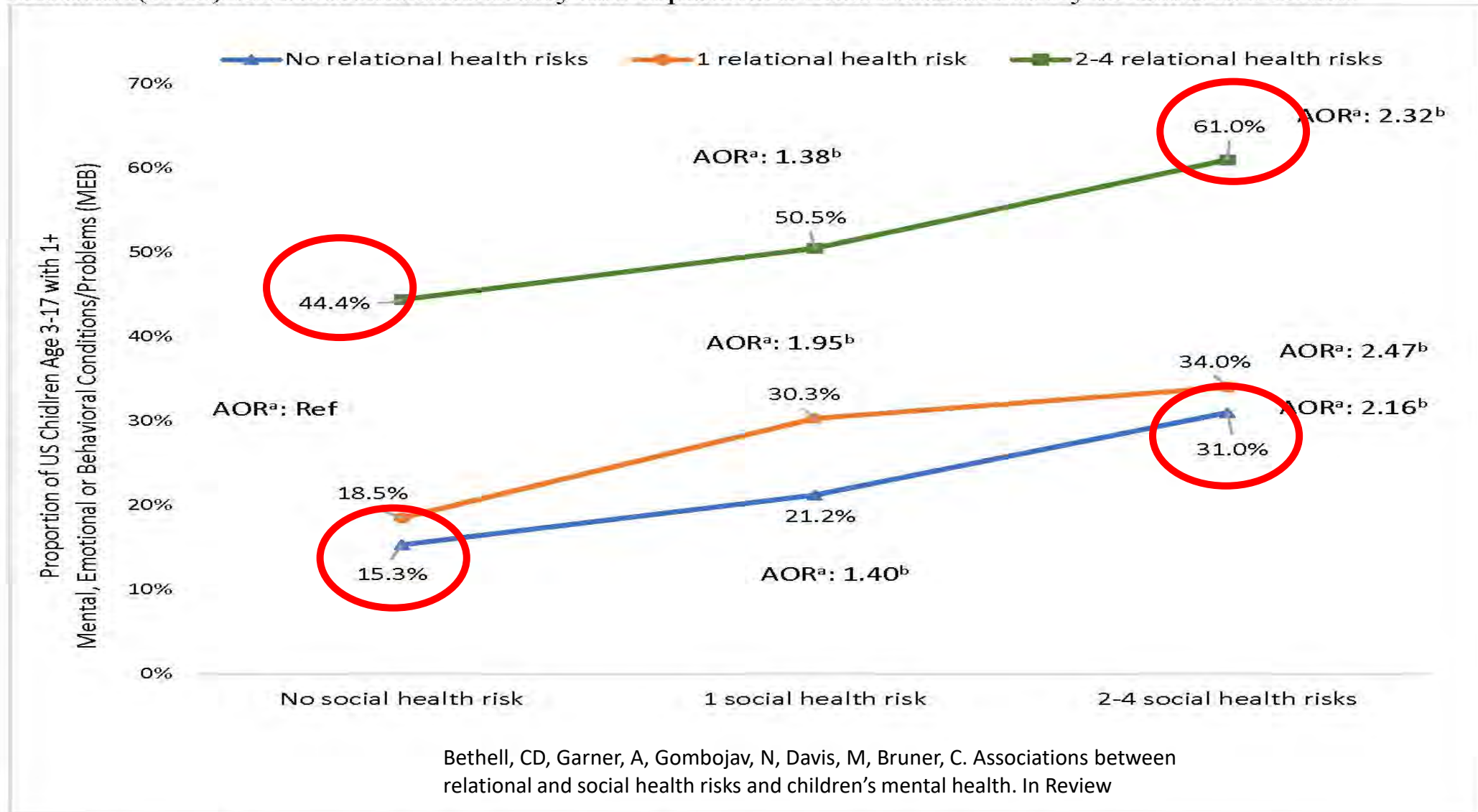
- Two or More Household Adverse Childhood Experiences – 6 items
- Frequent Parental Aggravation and Anger With Child
- Poor/Fair Caregiver Mental Health
- Lower Parental Coping/ Emotional Support

## Scoring Options Evaluated

1. **Domain Count: Medicaid 46% 2+**
2. **Criteria Count: 61% w/3 Domains 5+ criteria**
3. **Domain Combinations** (mutually exclusive)
  - a. No Domains-36.3%
  - b. MHR Only-12.0%
  - c. SHR Only-7.5%
  - d. RHR Only-15.4%
  - e. MHR and SHR Only-4.7%
  - f. MHR and RHR Only-8.1%
  - g. MHR, SHR and RHR -8.8%
  - h. SHR and RHR Only-7.2%

Pearson's correlations coefficients ranged from 0.018 to 0.596, with only 8 cases where correlation was greater than 0.2.

**Figure 2:** Prevalence of US children age 3-17 years who experienced one or more mental, emotional, developmental or behavioral conditions or problems (MEB), by number of Whole Child Complexity Index relational (RHR) and social health risks they also experienced. Data: National Survey of Children's Health



<sup>a</sup>Adjusted Odds Ratios (AOR) are adjusted for age, sex, race/ethnicity, income and insurance coverage type. See Technical Appendix C1<sup>40</sup> for regression analysis details. <sup>b</sup>AORs are statistically significant after adjusting for age, sex, race/ethnicity, income and insurance coverage type.



CAHMI's Early Childhood

# Cycle of Engagement

A project of the Child & Adolescent Health Measurement Initiative



Engages and supports parents in promoting the health and well-being of their child



Facilitates early identification of physical, social, emotional and behavioral issues



Fosters trusting relationships with families and providers, and in doing so, facilitates the effective provision of critical anticipatory guidance, education and resources for parents



Promotes positive child and family health, resilience and social and emotional skills



Provides pediatric practices with real time and continuous feedback on parent-reported aspects of Bright Futures recommended care to help focus and tailor practice efforts to improve the quality and outcomes of well child visits

# What is the Early Childhood\_Cycle of Engagement?

a **personalized, mutual engagement model** of pediatric primary care focused on building trust and personalizing care to child and family strengths, context, needs and priorities

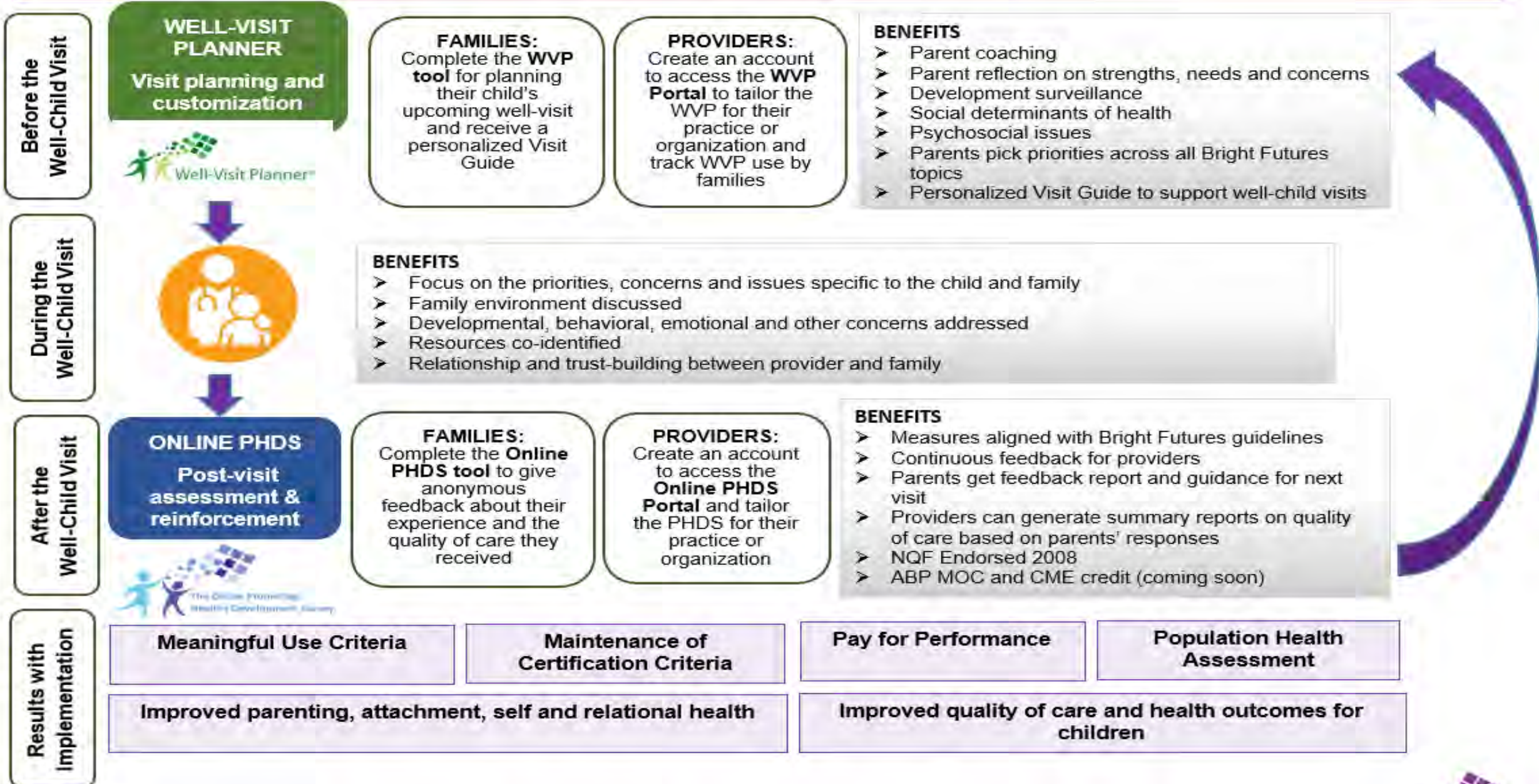
a **family centered, integrated approach** to educating and empowering families and assessing child development, social, family and relational health needs aligned with Bright Futures Guidelines—data transparency (families, clinicians)

## Cycle of Engagement Key Features

a **measurement process** for continuously updating priorities and needs and assessing and improving quality of care aligned with family-centered medical homes and value and team-based care

a **population health strategy** providing aggregate data reports to inform needs, quality of care and drive and inform collaborations to improve care and outcomes for children and families.

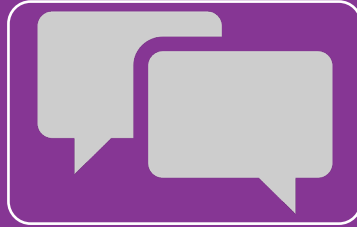
# CAHMI's CYCLE OF ENGAGEMENT MODEL



# COE Seeks to Advance 4 Aspects of Family Engagement

## Common themes:

- Active partnership at all levels
- Family-centered approach
- Collaborative decision making
- Building relationships
- Planning, setting goals, delivering, and evaluating health care



## Communication between families and providers to build trust

- Open and honest interactions
- Child- and family-centered care
- Building trust and relationships



## Family involvement to share decision making and plans of care

- Participation in decision-making
- Joint treatment and goal planning
- Joint input on EMR/patient portal



## Active collaboration with organizations and systems for results

- Family advisory boards
- Partner in program design and care delivery
- Participation in policy/program evaluation



## Engage to improve health and well-being

- Proactive health seeking and pursuit of well-being
- Capacity and will to heal, change and learn
- Health promoting behaviors
- Self-management of conditions

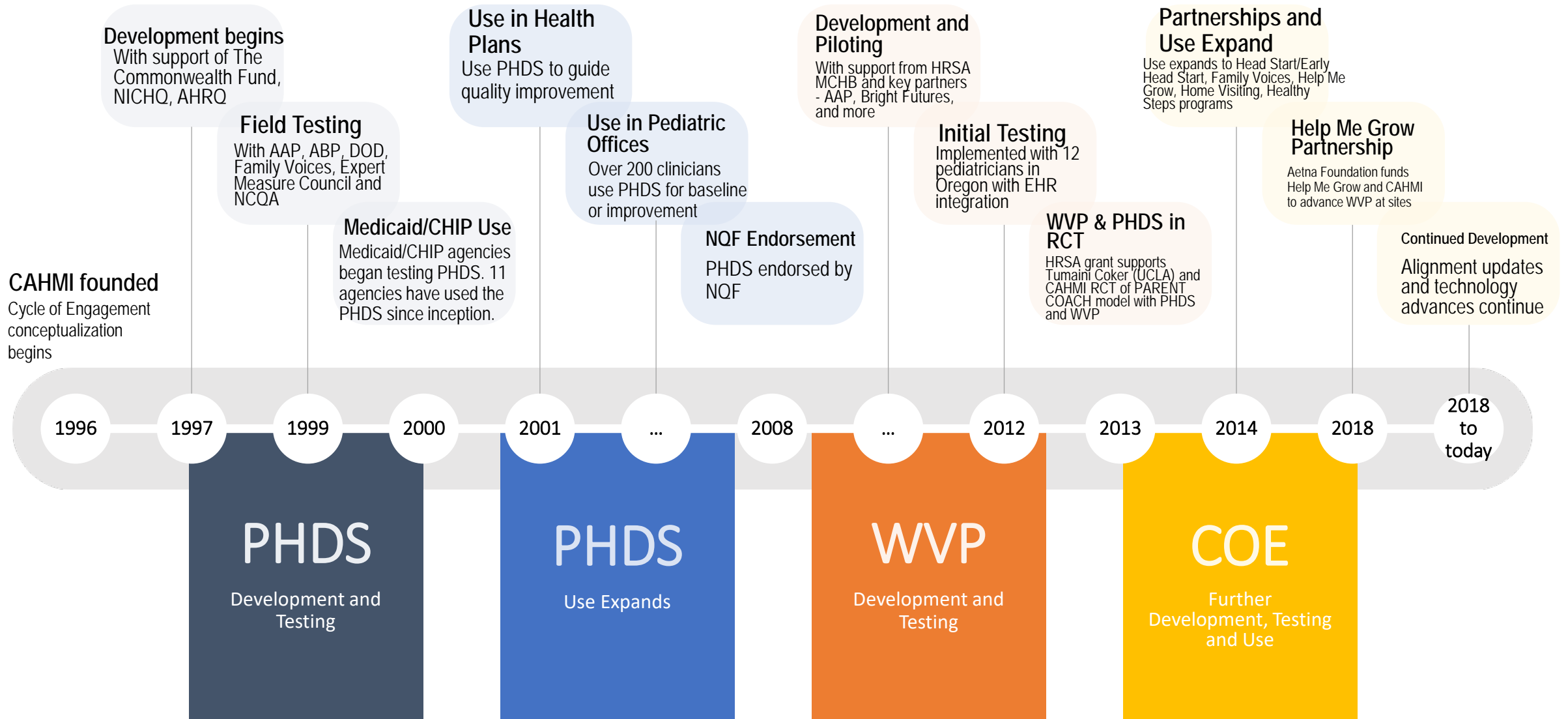




# Summary of the History of the CAHMI's Cycle of Engagement

Promoting early and lifelong health of children, youth and families using family-centered data and tools

## Key Milestones and Partners

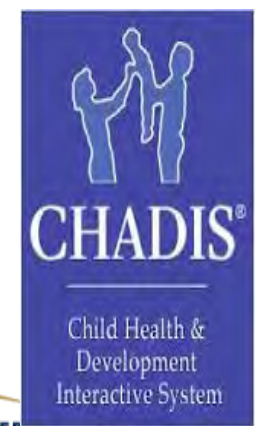


# National, State, Community, Health System and Direct to Public Testing and Applications (2001-present)



13 states

- 1) Louisiana
- 2) Minnesota
- 3) Mississippi
- 4) Ohio



# Roadmap for Resilience

The California Surgeon General's Report on Adverse Childhood Experiences, Toxic Stress, and Health



## Relevance to the “Resilience and Healing” Movement

Bhushan D, Kotz K, McCall J, Wirtz S, Gilgoff R, Dube SR, Powers C, Olson-Morgan J, Galeste M, Patterson K, Harris L, Mills A, Bethell C, Burke Harris N, Office of the California Surgeon General. *Roadmap for Resilience: The California Surgeon General's Report on Adverse Childhood Experiences, Toxic Stress, and Health*. Office of the California Surgeon General, 2020



“Other efforts focus on providing patients with data-sharing platforms to complete screening tools and share data with providers voluntarily in ways that do not violate privacy or confidentiality regulations, such as the **Well-Visit Planner**®”



About us ▾

Programs

## Relevant to community-drive public health approaches



Empower families in advocating for their children's health

“La Salud en Tus Manos” is a program that initiated through a two-year grant from Canada to **promote family engagement in preventive healthcare for children from 4 months to 6 years of age and adolescents. The model is based on Fundación Punta de Mita research on the context of health among the families in Punta de Mita and Higuera Blanca from 2017 and an online tool for family engagement that was developed at Johns Hopkins Bloomberg School of Public Health.**



# Observed Value in RCT & QuasiExp Studies (n = approx. 14,000)

Child and family strengths, priorities & recommended developmental, psychosocial and maternal depression screening and follow up rates are dramatically increased. Parent priorities are addressed.

Time is freed up in encounters to build relationships and partner with families, to address needs and priorities, conduct observational assessment, build skills & better link to community resources.



Child use of urgent care is reduced. Visit adherence improves. Families learn about opportunities to improve child & family health and partner to get needs met.

Care teams' joy, effectiveness, and efficacy in care is improved along with renewed focus on resources & skill building to meet needs.

## Family Experiences (studies to date)

92.4% reported that they were *comfortable with the amount of time it took to complete the Well Visit Planner (WVP) tool.*

92.2% reported that they *would recommend the WVP tool to other parents.*

The majority of parents reported each of the following features as “extremely useful” or “useful:

- 1) ability to complete the questions at home (97.2%);
- 2) ability to complete the tool before every visit, with age-specific questions (95.6%);
- 3) delivery of a report to the provider before the visit (88.5%);
- 4) access to online educational materials (84.3%);
- 5) availability of customized Visit Guide to take to the visit (64.7%); and
- 6) availability of a report to keep as a record for the family (57.8%).



<b>Inherent Value Gained With Engagement of Families</b>	<b>Observed Value in RCT &amp; QuasiExp Studies (n = approx. 14,000)</b>	<b>Hypothesized Value Requiring Further Research</b>
<p>Parents engage via the Well Visit Planner to reflect on strengths, context &amp; concerns, learn about &amp; select priorities, complete standardized assessments using a whole person, integrated approach (English/Spanish)</p>	<p>Child and family strengths, priorities &amp; recommended developmental, psychosocial and maternal depression screening and follow up rates are dramatically increased. Parent priorities are addressed.</p>	<p>Sustainable trust is built with families &amp; children across all visit contexts (in person, group &amp; virtual) &amp; whole child view establishes integrated approaches to address social, relational, physical &amp; mental health needs</p>
<p>Family visit guide generated in real time reflecting parent responses &amp; shared with provider team (parent choice) to customize use of encounter time &amp; focus on relationship-centered care &amp; community-resource linkages</p>	<p>Time is freed up in encounters to build relationships &amp; partner with families, to address needs &amp; priorities, conduct observational assessment, build skills &amp; better link to community resources.</p>	<p>Stigma is reduced enabling more effective approaches to address social &amp; relational determinants of health &amp; promote equity in collaboration with community partners to promote well-being even amid adversity</p>
<p>Required surveillance &amp; screening occurs &amp; practices receive ongoing reports on quality of care based on Bright Futures guidelines using the Promoting Healthy Development survey</p>	<p>Child use of urgent care is reduced. Visit adherence improves. Families learn about opportunities to improve child &amp; family health and partner to get needs met</p>	<p>Child/family and population-based data that is provided can be used to tier children into levels of care and enable effective tiered, targeted, bundled payments &amp; sustainable services</p>
<p>Population-based data is provided to enable targeted improvement efforts, tailored services &amp; coordination of resources with community</p>	<p>Care teams' joy, effectiveness &amp; efficiency in care is improved along with renewed focus on resources &amp; skill building to meet needs</p>	<p>Available quality of care data can be used to qualify for value based purchasing and pay for performance criteria set by payers.</p>

## Alignment with Professional Standards and Requirements

The CAHMI's EC\_COE model and tools are carefully aligned to help you meet your goals, standards, and performance requirements.



**Meet Standards of Care:** The WVP and PHDS align with national *Bright Futures* Guidelines implementation standards set forth by the American Academy of Pediatrics and other standards set forth for home visiting (MIECHV), early care/Head Start, and Child Welfare. [Click here to learn more.](#)



**Complete Required Screenings Using Valid Screening Tools:** All screening tools and items included in the WVP draw on validated measurement and reporting methods tested with families and providers. The WVP is aligned with *Bright Futures* criteria for standardized development surveillance, developmental screening, maternal depression screening, and other screening recommendations. [Click here to learn more.](#)



**Improve Quality of Care:** The WVP and PHDS are designed to foster improvements in quality as measured by the National Committee for Quality Assurance (NCQA) Healthcare Effectiveness Data and Information Set (HEDIS) measures and the Medicaid Core Measurement Set. The WVP and PHDS align with 7 of the 19 HEDIS measures for children, adolescents, and maternal health, 2 of the 4 HEDIS measures related to preventive care for children, and 5 out of 8 Medicaid Core Set "Primary Care Access and Preventive Care" measures (62%).

Beginning in 2024, State Medicaid agency reporting of the Child Core Set will become mandatory as a result of the Bipartisan Budget Act of 2018. The Well Visit Planner and Promoting Healthy Development Survey can help you meet these standards.

[Click here to learn more.](#)



The WVP and PHDS align with 7 of the 19 HEDIS measures for child, adolescent & maternal health, 2 of 4 HEDIS measures on child preventive care and 4 of 8 Medicaid Core Set "Primary Care Access and Preventive Care" measures

**AAP Bright Futures Guidelines for Health Supervision of Infants, Children, and Adolescents, 4th Edition**

**recognizes the SWYC** as a commonly used screening tool in the [Promoting Healthy Development](#) section of its Health Promotion Themes:

*“In monitoring development during infancy and early childhood, ongoing surveillance is supplemented and strengthened by **standardized developmental screening** tests that may be used at certain visits (9 Month, 18 Month, and 2½ Year) and at other times at which concerns are identified. Commonly used developmental screening tools include the Ages and Stages Questionnaires (ASQ), the Parents’ Evaluation of Developmental Status (PEDStest), and the **Survey of Well-being of Young Children (SWYC)**...The **SWYC**, which also includes autism screening; PEDStest; and ASQ all include **psychosocial screening** that can be used to identify cognitive, emotional, and behavioral concerns from birth through age 5 years.”*

Promoting Healthy Development. Bright Futures: Guidelines for Health Supervision of Infants, Children, and Adolescents, 4th Edition. Retrieved from [here](#).

**The EC\_COE’s WVP and PHDS—Alignment child serving programs:**

**Maternal, Infant, Early Childhood Home Visiting Program (MEICHV):** 16 of 19 measures (84%)

**Head Start/Early Head Start:** Aligned with 23 standards across 5 HS/EHS performance standards sections related to child development: 1304.20; 1304.20; 1304.21; 1304.24; 1304.40

**AAP Bright Futures Implementation, Quality Improvement Measures:** Aligned with 13 of 14 QI measures (93%)

**HEDIS/NCQA:** Aligned with 7 of the 19 HEDIS measures for child, adolescent & maternal health & 2 of 4 HEDIS measures on child preventive care

**Medicaid/CHIP Core Measures:** Aligned with 4 of 8 Medicaid Core Set “Primary Care Access and Preventive Care” measures.

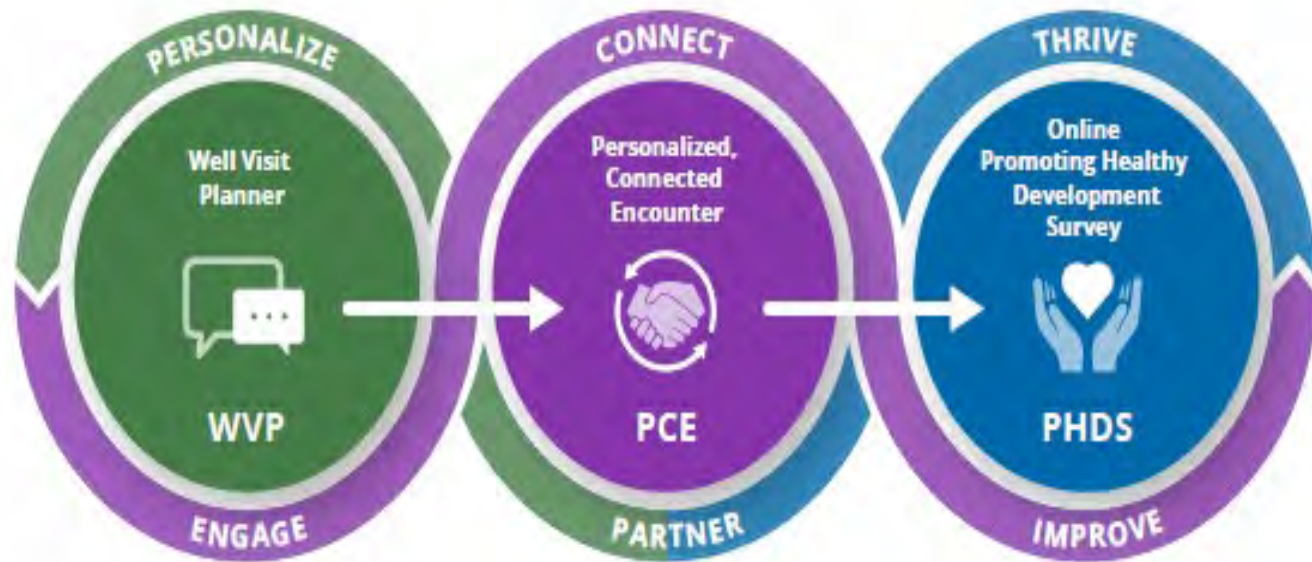




CAHMI's Early Childhood

# Cycle of Engagement

A project of the Child & Adolescent Health Measurement Initiative



## Family Tools and Reports



## Provider and Care Team Dashboards and Reports



# The Early Childhood Cycle of Engagement was built to help you personalize your child's care.

*Your child's health care providers want to partner with you to meet the unique needs of your child and family.*



Make the most of your child's well visit.  
 Save and share your Visit Guide.  
 Have a family account? [Login here](#)

Information you provide is confidential and will only be shared with your provider. We will not allow anyone other than you and your provider to identify your child's Visit Guide, including your name or your email address.



[www.wellvisitplanner.org/paigestest3](http://www.wellvisitplanner.org/paigestest3)

TELL US WHAT YOU THINK

Family account benefits

-  **Keep track**  
Keep track of and save your Visit Guides
-  **Complete and save**  
Complete unfinished WVP (within 48 hours)
-  **Review**  
Review educational materials

**WELCOME TO THE WELL VISIT PLANNER!**

Paige P of Paige's Practice invites you to take **10 minutes to complete the get your customized Visit Guide** to use during your child's well visit to make the best health care possible. The Well Visit Planner will help you and Paige P address your child and family's most important priorities and needs.

Paige P will have access to your Visit Guide, and we encourage you to send through email or your patient portal.

**Your Child, Your Well Visit**  
**Your Child's Personalized 15 Month Well Visit Guide**

Your special keyword is:  
**TestClinicalSummary**

Child's Name:  
 Name Test

Child's initials:  
 CNT

Child's birth month/year:  
 3/2020

WVP Completed:  
 5/11/2021

Parents: This Well Visit Planner Visit Guide includes:

- **Priorities you want to discuss with your child's provider**
- Any special issues or concerns to discuss about how your child is growing or developing
- **Special resources and links from your child's provider**

Don't forget to review **resources and assessments from Paige P at the bottom of this Visit Guide and get ready to partner!**



The Well Visit Planner is a simple, online tool that helps!


- **REFLECT** on what's going well for you and your family
- **IDENTIFY** your needs and concerns
- **PICK** your top priorities and get educational information
- **SHARE** your personalized Visit Guide with your child's provider
- **PARTNER** with your child's provider to make the most of your child's well visit





The Well Visit Planner tool takes approximately 10 minutes to complete

Click the buttons below to save and submit this Visit Guide with your child's provider.

Click the  icons to learn about your options. This Visit Guide is confidential and does not include your child's name or date of their well visit. To be sure your child's provider gets this Visit Guide from you personally, please click on 'Save and Submit' below and choose among your options for sharing with your child's provider. Note: If you created a private family account on the Well Visit Planner website, this Visit Guide will also be saved to your family dashboard. 

SAVE AND SUBMIT 

MAKE THE MOST OF YOUR CHILD'S WELL VISIT 

PRINT THIS VISIT GUIDE 

Create a family account


OR

Continue as a guest



Are you Interested In using the Well Visit Planner with the families you work with?

FIND OUT MORE



About the CAHMI

LEARN MORE

## Topics Assessed Using the Well Visit Planner (WVP)

The Well Visit Planner® is a brief family-completed, pre-visit planning tool anchored to *Bright Futures* guidelines for children ages 4 months to 72 months (other ages coming soon!)

### CORE CONTENT

- Tailored for 11 recommended visits based on *Bright Futures* guidelines (ages 4 months to 72 months)
- English and Spanish
- Mobile optimized
- Not all content applies for all ages

- Child and parent/caregiver **strengths** (what is going well!)
- Developmental **surveillance and standardized developmental screening** using the Survey of Well-Being of Young Children (**SWYC**)
- Caregiver concerns about speaking, vision, hearing
- Other caregiver concerns about development (open ended response)
- Caregiver **depression** using the Patient Health Questionnaire-2 (**PHQ-2**) or Edinburgh Postnatal Depression Scale (**EPDS**)
- Family **psychosocial issues** (e.g., meeting basic needs, alcohol and substance use, smoking, emotional support, coping, experiencing racism, etc.)

- **Intimate Partner Violence** using the Women Abuse Screening Tool-Short (**WAST-Short**)
- **Anticipatory guidance and parental education** prioritization checklist (can pick up to 5 across all recommended; average selected is 3)
- **Other child health** and updates (age-specific; e.g., nutrition, medications, vitamins, having a special health care need, etc.)
- **Other family health** history and updates (heart, stroke, blood pressure, new problems, recent changes or stressors)
- **Other environmental** assessments (e.g., living situation, lead, fluoride)

### OPTIONAL ASSESSMENTS AND TOPICS

- **Child Flourishing Index (CFI)**
- **Family Resilience Index (FRI)**
- Parent-Child **Emotional Connection** Items (derived from the Welch Emotional Connection Screen (WECS))
- **Protective Family Routines and Habits (PFRH)**
- **Pediatric ACEs and Related Life-events Screener (PEARLS)**

- **Other social-emotional screening** (Baby Pediatric Symptom Checklist (BPSC) and Preschool Pediatric Symptom Checklist (PPSC))
- Impact of COVID-19

*Additional assessments will be added as requested by users. Other assessments can be added by you during customization of your WVP.*

# Accessing family Well Visit Guides and provider Clinical Summaries



Paige Endsley

Logout

WVP Dashboard

COE Dashboard

PHDS User Portal

Get Your Well Visit Planner Data

Go to Child Visit Guides and Clinical Summaries

WVP Family Website

View Your Customized WVP Family Website

Update Customized URL, Name, or Logo

Update Assessments and Resource Links

Update Ways to Get Child Visit Guides

WVP Implementation Resources

Account Information

## Get Well Visit Planner Well Visit Guides and Clinical Summaries

Access below available Well Visit Planner family **Well Visit Guides** and provider **Clinical Summaries**. Use the search feature to the right if you wish to search for a Well Visit Guide or Clinical Summary by a child's birth month and year, initials, the visit age (e.g. 4-month, 18-month), or the family's chosen keyword. You can also filter Well Visit Guides and Clinical Summaries by the date the family completed the Well Visit Planner or the date of the child's visit. To download Well Visit Guides and/or Clinical Summaries, click "View PDF." **\*\*If you are having trouble finding a Well Visit Guide or Clinical Summary, search for the Visit Guide Identification Number.\*\***

Showing 61 Results

Child Birth Month/Year	Child Name and/or Initials	Visit Age	Family Special Keyword	Date of Child's Visit	Date WVP Completed	Get Clinical Summary	Clinical Summary View Status	Get Family Well Visit Guide	Visit Guide View Status	Visit Guide Identification Number
3/2020	Name Test (CNT)	15 Month Well Visit	TestClinicalSummary	5/14/2020	5/11/2021	<a href="#">View</a> <a href="#">Download PDF</a>		<a href="#">Download PDF</a>	Viewed	11-32607K511-91
7/2017	SWYC TEST46month (46m)	4 Year Well Visit	SWYC46TEST		5/11/2021	<a href="#">View</a> <a href="#">Download PDF</a>		<a href="#">Download PDF</a>	*New	11-32606K911-91
7/2018	SWYC TEST34month (SWYC)	3 Year Well Visit	swyc34monthtest		5/11/2021	<a href="#">View</a> <a href="#">Download PDF</a>		<a href="#">Download PDF</a>	*New	11-32604K811-91
7/2019	SWYC TEST22month (S22M)	2 Year Well Visit	SWYC22monthtest		5/11/2021	<a href="#">View</a> <a href="#">Download PDF</a>		<a href="#">Download PDF</a>	*New	11-32603K711-91
12/2019	SWYC TEST17month (s17)	18 Month Well Visit	SWYC17Monthtest		5/11/2021	<a href="#">View</a> <a href="#">Download PDF</a>		<a href="#">Download PDF</a>	*New	11-32602K611-91
3/2020	SWYC TEST14month (S14T)	15 Month Well Visit	swyc14monthtest		5/11/2021	<a href="#">View</a> <a href="#">Download PDF</a>		<a href="#">Download PDF</a>	*New	11-32601K511-91
6/2020	SWYC TEST11month (S11M)	12 Month Well Visit	SWYC11monthtest		5/11/2021	<a href="#">View</a> <a href="#">Download PDF</a>		<a href="#">Download PDF</a>	*New	11-32600K411-91

**Filters**

Child Birth Month:  Child Birth Year:

Child Initials:

Age Visit:

Keyword:

Date of Child's Visit:

Range of dates for when the WVP was completed:

## MNEMONIC FOR COMMON FACTORS COMMUNICATION METHODS: HELP

### H = Hope

**Hope** facilitates coping. Increase the family's hopefulness by describing your realistic expectations for improvement and reinforcing the strengths and assets you see in the child and family. Encourage concrete steps toward whatever is achievable.

### E = Empathy

Communicate **empathy** by listening attentively, acknowledging struggles and distress, and sharing happiness experienced by the family.

### L<sup>2</sup> = Language, Loyalty

Use the child and family's own **language** (not a clinical label) to reflect your understanding of the problem as they see it and to give the child and family an opportunity to correct any misperceptions.

Communicate **loyalty** to the family by expressing your support and your commitment to help now and in the future.

### P<sup>3</sup> = Permission, Partnership, Plan

Ask the family's **permission** for you to ask more in-depth and potentially sensitive questions or to make suggestions for further evaluation or management.

**Partner** with the child and family to identify any barriers or resistance to addressing the problem, find strategies to bypass or overcome barriers, and find agreement on achievable steps (or simply an achievable first step) that are aligned with the family's motivation. The more difficult the problem, the more important is the promise of partnership.

On the basis of the child and family's preferences and sense of urgency, establish a **plan** to expand the assessment, change a behavior or family routine, try out a psychosocial intervention, seek help from others, work toward greater readiness to take one or more of these actions, or monitor the problem and follow up with you. The plan might include, for example, completing additional checklists or questionnaires, keeping a diary of symptoms and triggers, gathering information from other sources such as the child's school or child care center, making lifestyle changes, applying new parenting strategies or self-management techniques, reviewing educational resources about the problem or condition, seeking mental health specialty care or social services, or simply returning to the medical home for further discussion.

Use of the HELP mnemonic builds a therapeutic alliance between the clinician and the patient and family and improves the likelihood of follow-through on a plan of care. This approach is well suited to the care of patients who would benefit from a behavior change, patients whose symptoms are undifferentiated and patients whose symptoms do not reach a diagnostic threshold, patients who are resistant or otherwise not yet ready to pursue further diagnostic assessment or treatment, and patients who are awaiting further diagnostic assessment and treatment. Use of the HELP mnemonic should not delay a full diagnostic evaluation or definitive therapy if the patient's symptoms suggest a psychiatric emergency, severe impairment, or marked distress.

Adapted from American Academy of Pediatrics, *Addressing Mental Health Concerns in Primary Care: A Clinician's Toolkit*. Elk Grove Village, IL: American Academy of Pediatrics; 2010. Updated May 2017.

## H Hope

Increase the family's hopefulness by describing your realistic expectations for improvement and reinforcing the strengths and assets you see in the child and family.

## E Empathy

Communicate empathy by listening attentively.

## L<sup>2</sup> Language

Use the child or family's own language to reflect your understanding of the problem as they see it and to give the child and family an opportunity to correct any misperceptions.

## Loyalty

Communicate loyalty to the family by expressing your support and your commitment to help.

## P<sup>3</sup> Permission

Ask the family's permission for you to ask more in-depth questions or make suggestions for further evaluation or management.

## Partnership

Partner with the child and family to identify any barriers or resistance to addressing the problem, find strategies to bypass or overcome barriers, and find agreement on achievable steps aligned with the family's motivation.

## Plan

Establish a plan (or incremental first step) through which the child and family will take some action(s), work toward greater readiness to take action, or monitor the problem, then follow up with you, based on the child and family's preferences and sense of urgency. (The plan might include, for example, gathering information from other sources such as the child's school, making lifestyle changes, applying parenting strategies or self-management techniques, reviewing educational resources about the problem or condition, initiating specific treatment, seeking referral for further assessment or treatment, or returning for further family discussion.)

Considerable evidence suggests that medical generalists can readily learn and retain these techniques.<sup>4-6</sup>



# Promoting Healthy Development Survey Overview

**Purpose:** To measure the quality of well child care as set forth in Bright Futures. **Developed/Validated:** 1997-2001. NQF endorsed: 2008. **Use Highlights:** 12 State Medicaid Agencies, 100's providers; health plans, National Survey of Early Childhood Health, , Research/ABCD Evaluation;

## SUMMARY OF KEY FINDINGS

This summary report lists your quality measure findings. Table 1 below provides a summary of key findings and findings for areas to improve performance.

This report summarizes the findings from the Online PHDS in the following quality of care areas:

1. Anticipatory Guidance and Parental Education ..... 3
2. Asking About and Addressing Parental Concerns About Their Child's Learning, Development, and Behavior ..... 6
3. Follow-Up for Children At-Risk (age 3-48 months at the time of survey) ..... 8
4. Caregiver awareness of receiving Standardized Developmental and Behavioral Screening in the last years (age 9-48 months at the time of visit) ..... 9
5. Parental and Family Health Assessment ..... 11
6. Family-Centered Care ..... 13

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Take time to understand the specific needs of your child	88.1%	Parent answered "Always" or "Usually" to question "How often did your child's doctors or other health providers. . ."
Explain things in a way that was easy to understand	86.9%	



Darian Witting

Logout

# WELCOME TO THE ONLINE PROMOTING HEALTH DEVELOPMENT SURVEY PORTAL!

**SUCCESS!** You have completed the customization of your Online PHDS. ×

Your unique URL link for the Online PHDS <http://demostaging.onlinephds.org/trantow8588> is ready to be shared with your families of children **age 3 to 48 months**. Your unique name for the Online PHDS trantow8588 is ready to be shared with families as well (direct them to [www.onlinephds.org](http://www.onlinephds.org) and have them search your unique name).

Visit your **customized Online PHDS website by clicking on "Your Customized Online PHDS Website for Families"** in the left-hand menu. When you are on the website, you can copy the link/URL and share it with families. Here you can also review and edit your PHDS link/URL name and logo.

To manage your practice or organization information, please visit the [Profile](#) page on the [Cycle of Engagement Portal](#).

## Three Easy Steps to Assess the Quality of Well-Child Care in Your Practice Using the Online PHDS - Track Your Status

**Step 1.** Provider & Practice Information

You are ready to collect parent data.

Complete

## Number of PHDS Surveys Completed by Parents

Surveys  
Completed  
(7 Days)

Surveys  
Completed  
(30 Days)

Surveys  
Completed  
(Total)

Dashboard

Your Customized Online PHDS Website for Families

Review Online PHDS Content

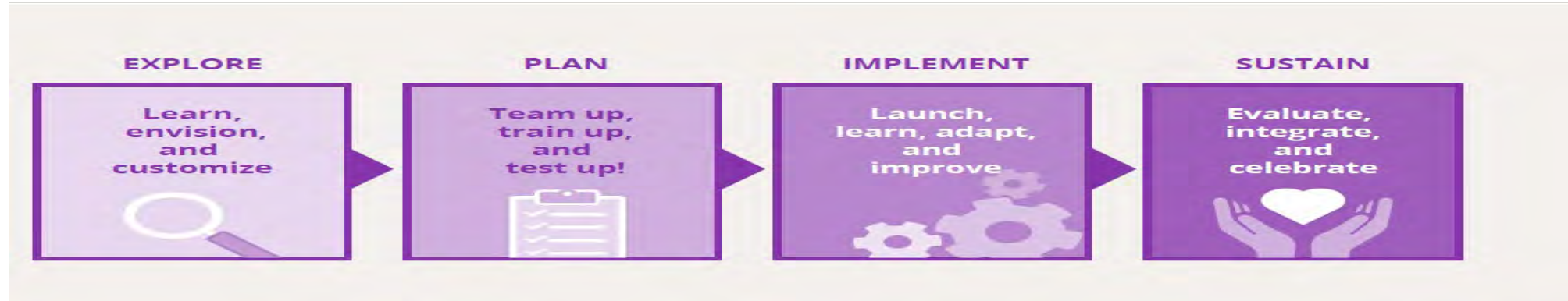
Generate Reports

Get CME Credits (Coming Soon)

ABP Application (Coming Soon)

Implementation and Quality Improvement





Implementation phases	Phase I: Exploration Educate and Engage	Phase II: Planning Plan and Prepare	Phase III: Implementation Implement and Innovate	Phase IV: Sustaining Show and Sustain
	Focus: Decide whether and how to use the COE model and tools	Focus: Prepare and proceed to lay a foundation for success	Focus: Launch, learn and innovate to make it work for you	Focus: Demonstrate success and integrate into operations

**At-a-Glance CAHMI Cycle of Engagement Model and Tools, Implementation Milestones & Resources**

Key Milestones for each implementation phase	Phase I: Exploration	Phase II: Planning	Phase III: Implementation	Phase IV: Sustaining
	<p><b>Discover:</b> Learn about the COE model, the Well Visit Planner, Personalized Connected Encounter and Promoting Healthy Development tools, options and requirements and tips for use.</p> <p><b>Assess:</b> Determine fit of COE model and tools with your aspirations, goals, strengths, and capacity.</p>	<p><b>Team Up:</b> Gather a team to prepare and plan steps, roles and resources needed. Create a team charter and commit to success.</p> <p><b>Train Up:</b> Conduct team learning sessions to plan workflows, processes &amp; materials you need.</p>	<p><b>Launch &amp; Learn:</b> Implement the COE with your team as planned (phases, stages, adaptive process), conduct rapid-cycle learning and improvement</p> <p><b>Partner &amp; Engage:</b> Continuously partner and engage with families to gain value and improve on outcomes and goals for the COE</p>	<p><b>Reflect &amp; Celebrate:</b> Continuously reflect, celebrate what’s working and identify what could be improved.</p> <p><b>Embed &amp; Engage:</b> Establish operational capacity to embed the COE/WVP as standard of care; keep supporting existing and new teams to use, innovate, improve.</p>
	<p><b>Design:</b> Create, customize &amp; test drive your own COE implementation vision and goals.</p>	<p><b>Test Up:</b> Sign up for COE accounts, customize your WVP and/or PHDS and phase implementation as you finalize your processes and plan.</p>	<p><b>Adapt &amp; Evolve:</b> Learn from implementation and continue to adapt and use best practice quality improvement approaches (PDSA).</p>	<p><b>Integrate &amp; Incentivize:</b> Integrate the COE/WVP into training, incentives, performance measurement, branding, etc.</p>

# WVP Postcard

## To be used:

1. Given to families in waiting room to complete WVP before visit
2. Given to families when scheduling after visit
3. Attached to emails/patient portal messages

## MAKE THE MOST OF YOUR CHILD'S WELL VISIT!

We would like to partner with you to improve how we provide well-child care. If your child is six years old or younger, please complete the online Well Visit Planner using the link below before your next well visit. This will help you prepare for your visit and allow us to provide the best possible care for your child.

[wellvisitplanner.org/LBHPedsKrugman](https://wellvisitplanner.org/LBHPedsKrugman)



[lifebridgehealth.org](https://lifebridgehealth.org)

## How it works:

- Go to [wellvisitplanner.org/LBHPedsKrugman](https://wellvisitplanner.org/LBHPedsKrugman) before your visit.
- Create a Well Visit Planner family account and complete the step-by-step tool. You can also review a wide variety of information on children's health at the site from pediatric experts.
- After completion, you will receive a personalized Visit Guide. Please save and share your Visit Guide from the options listed on the website above. The Visit Guide will help us focus on your child's strengths as well as your questions and priorities.
- Within your family account, you can access completed Visit Guides and plan for upcoming visits.

**Thank you for partnering with us.**

**If you need help, email [info@cahmi.org](mailto:info@cahmi.org).**



# QR Codes for Inviting Families to Complete the WVP and PHDS

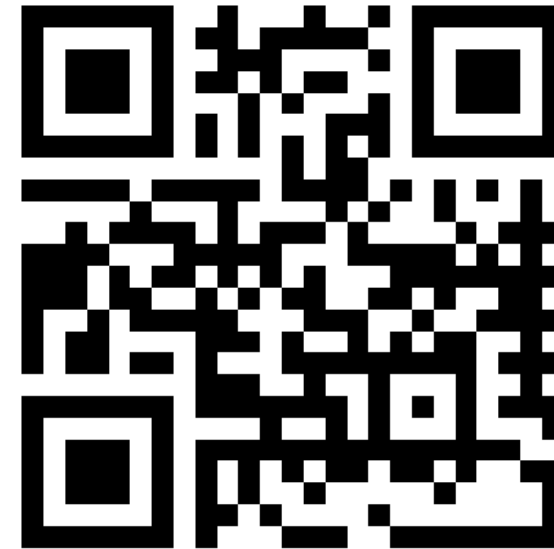
## To be printed and posted:

1. In waiting rooms
2. In scheduling areas
3. In visit rooms
4. Attached to emails/patient portal messages
5. Printed and handed out as a flier

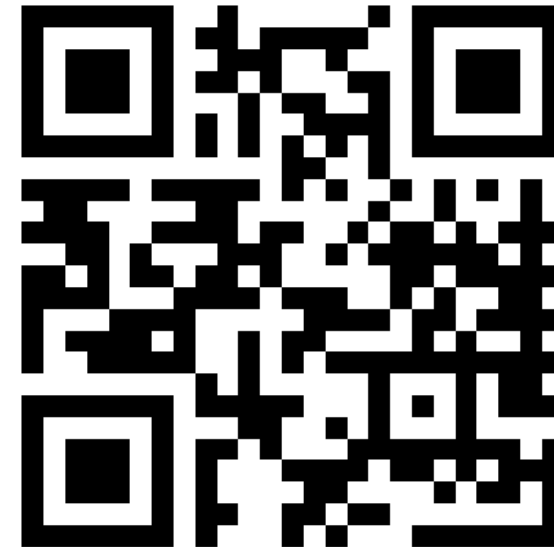
## How can families use a QR code?

1. Open the camera app on their smart phone/tablet/device and point it steadily for 2-3 seconds at QR code.
2. When scanning is complete, a notification will appear directing you to open the QR code's URL.
3. Click on the notification to go directly to that URL!
4. If no notification appears, family may need to change settings on their device to enable QR scanning.

To WVP ([www.wellvisitplanner.org](http://www.wellvisitplanner.org)):



To PHDS ([www.onlinephds.org](http://www.onlinephds.org)):



# EC\_COE Family Engagement and Visit Workflow Example

**1. Invite Families**

**3. Conduct the Personalized Connected Encounter (PCE)**

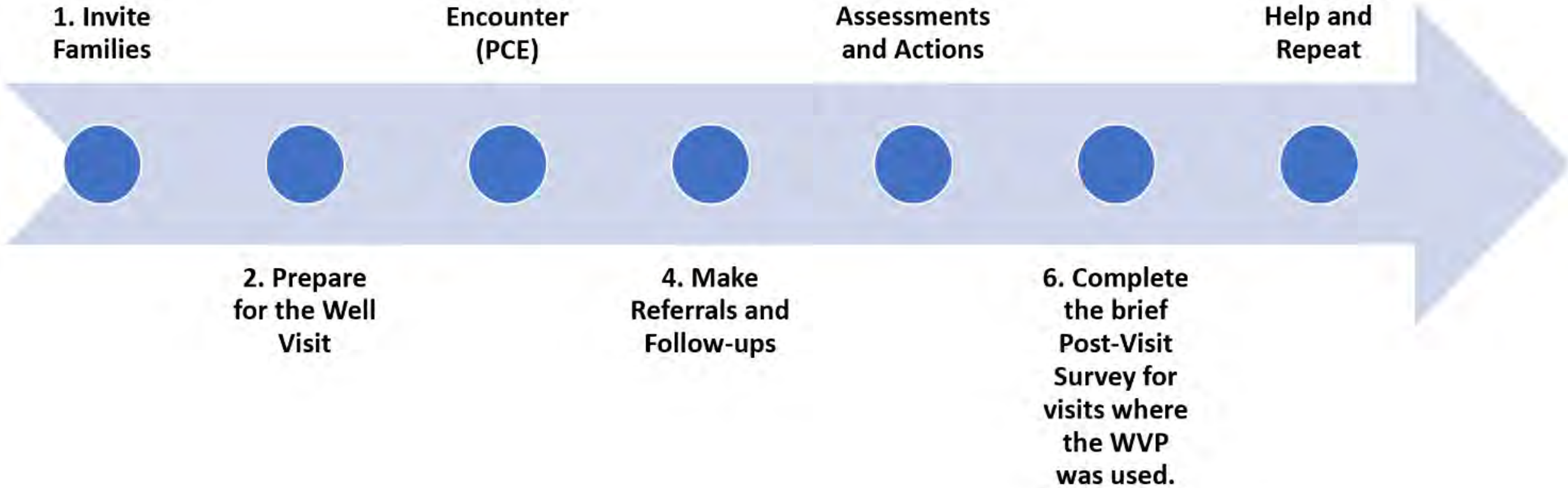
**5. Record Assessments and Actions**

**7. Notice, Adjust, Get Help and Repeat**

**2. Prepare for the Well Visit**

**4. Make Referrals and Follow-ups**

**6. Complete the brief Post-Visit Survey for visits where the WVP was used.**





## The Well-Visit Planner for Families

The [Well-Visit Planner](#) is an Internet-based tool ([www.wellvisitplanner.org](http://www.wellvisitplanner.org)) developed to improve well-child care for children 4 months to 6 years of age. Information in this tool is based on recommendations established by the *American Academy of Pediatrics Bright Futures: Guidelines for Health Supervision of Infants, Children, and Adolescents, 3rd Edition*. The tool helps parents and caregivers to customize the well-child visit to their family's needs by helping them identify and prioritize their health risks and concerns before the well-child appointment. This means that parents and health care professionals are better able to communicate and address the family's needs during the well-child visit.

### The Well-Visit Planner and Head Start

The Child and Adolescent Health Measurement Initiative (CAHMI) has worked with the Office of Head Start to integrate the Well-Visit Planner through age 6 years and has prepared materials to help Head Start and Early Head Start programs use the Well-Visit Planner. Knowing that school readiness begins with health, Head Start and Early Head Start programs are focused on the health and well-being of every child enrolled in a program. The Well-Visit Planner has been tested in several programs to help parents and caregivers complete well-child visits and become familiar with what is expected at each visit for their child's needs—including those related to health.

### Using the Well-Visit Planner in Head Start and Early Head Start



In partnership with the National Center on Health, CAHMI has prepared materials to help Head Start and Early Head Start programs begin using the Well-Visit Planner as a standard part of their well-child visits. Materials are also there to help reach out to their patient families.

These materials will be housed on the Early Childhood Learning and Technology Initiative website at <http://www.eclkc.gov>, the implementation guide at <http://www.cahmi.org/projects/wvp/>, the implementation

### How does the Well-Visit Planner help families?

Completing the tool, which takes about 15 to 20 minutes, will help empower parents and caregivers to prepare for their child's well-child visit; it will also prepare them for what to expect at that visit. The content of the Well-Visit Planner was developed to be used before each well-child visit through 6 years of age. The Well-Visit Planner



#### How was the Well Visit Planner Developed?

The Well Visit Planner (WVP) was developed and created by the Child and Adolescent Health Measurement Initiative (CAHMI) ([www.cahmi.org](http://www.cahmi.org)). National experts, families, and pediatric providers worked together in the design, development, and testing of the WVP. The information contained in the WVP is based on the American Academy of Pediatrics *Bright Futures Guidelines for the Health Supervision of Infants, Children, and Adolescents* (<https://brightfutures.aap.org>).

The Child and Adolescent Health Measurement Initiative (CAHMI) is a national initiative based out of the Bloomberg School of Public Health at Johns Hopkins University in Baltimore, MD. The WVP tools were developed and tested for use in pediatric practices under a four year grant from the federal

#### The Well Visit Planner

The Well Visit Planner is an online tool to help families prepare for their children's upcoming well-child visits to the health care provider. It's free to use; is available in English and Spanish; takes 10-15 minutes to fill out before each visit; and can be printed and taken to a visit to help you and your child's doctor discuss your child. It helps families be better partners in their child's health care, and helps health care providers better serve the needs of the child and the family. To use the Well Visit Planner, go to: [www.WellVisitPlanner.org](http://www.WellVisitPlanner.org).

Please help spread the word about this useful tool to families, including families of children with special needs. Feel free to use the following resources, many now available in Spanish, in your newsletters, websites, Facebook pages, and any other outlet to reach families about this practical, informative tool.

#### Handouts

Please print these and disseminate or share electronically.

Family Voices Bright Futures Family Matters Newsletter



Well Visit Planner Flyer



Frequently Asked Questions for Families



Frequently Asked Questions for Providers



Join us to improve the early and lifelong health of children and families!

[cbethell@jhu.edu](mailto:cbethell@jhu.edu)  
[info@cahmi.org](mailto:info@cahmi.org)



#### How the Well Visit Planner® Helps Your Family Thrive:

- Stay on track.** Identify what you want to discuss prior to your child's visit.
- Save time at the visit.** Send your Visit Guide straight to your child's provider to review and plan for your child's visit.
- Know what to look for.** Learn what to expect developmentally for your child's age and discover topics that experts recommend for you to discuss with your child's provider.
- Get support.** Reliable educational materials, accessible 24/7, speak to your priorities as a family.
- Create open dialogue.** Use your Visit Guide to partner with your child's provider and ensure your needs are met.
- Parent and pediatrician recommended.** Over 92% of providers and families recommend the Well Visit Planner®. 97% of parents reported it was helpful or very helpful in preparing for their well visit.

*"It helped me keep focus on what I was going to talk about."* – Parent & WVP User

*"The truth is that the first time, I was a little afraid that it would be a long process or that it would be a little complicated but even from the first time it was fast and it helped me a lot because...I planned my visit, all the questions that I might have, the doubts that I had. Then when I went to the appointment, they were prepared to tell me. So then, I liked it."* – Parent & WVP User

Questions?

Extra Slides as Needed During  
Questions



# Aspects of Quality Assessed Using the Promoting Healthy Development Survey

The Online PHDS is a valid family-reported, post-visit assessment of quality of care for families of children 3 months to 6 years.

## QUALITY OF CARE MEASURES

- **Anticipatory guidance and parental education** needs are met
  - Receives recommended developmental **surveillance** and standardized **developmental screening** occurs
  - **Follow up occurs** for children at risk for developmental problems (using PEDS)
  - Basic **psychosocial screening** occurs
  - Surveillance of caregiver **mental health** conducted
  - **Family concerns** about child development are addressed
  - Surveillance about problems/issues in the **community** occurs and resources provided
  - **Core medical home criteria are met** (e.g., personal doctor or nurse; access to and coordination of care, family centered care)
- Quality measures are stratified by child/family demographics, caregiver mental health, child developmental status and having a special health care need (CSHSCN Screener).*

## OPTIONAL CONTENT

- Caregiver interest in telemedicine and concerns/barriers to telemedicine
  - Impact of COVID-19 on child's well visits and daily life
  - Feedback on the use of the Well Visit Planner (if using this tool)
- Additional assessments will be added as we discern their need by EC\_COE users.*

# COE Office Workflow for Engaging Families

Before the Visit (before arriving at the office)	Before the Visit (in the office)	During the Visit (at the office)	After the Visit (in office and at family home)
<p><b>T1. Invite families to complete PHDS about last visit, and WVP for next visit.</b></p> <p>Resources: <i>Options and resources for inviting families to complete WVP and PHDS</i></p>	<p><b>T1. Begin to engage/educate families:</b></p> <ul style="list-style-type: none"> <li>• Hang COE Posters in waiting area, scheduling area, visit rooms</li> <li>• Hand out WVP and PHDS postcards</li> <li>• Answer questions about COE, WVP and PHDS</li> </ul>	<p>T5. Family does <b><i>not complete the WVP ahead of visit, complete with provider during visit.</i></b></p>	<p>T6. Family is <b><i>invited during visit or after to complete PHDS at home, after the visit</i></b></p> <p>Resource: <i>Options and resources for inviting families to complete PHDS2</i></p>
<p>T2. Family <b><i>completes the WVP</i></b> ahead of visit, and either <i>emails/uploads Visit Guide to Patient Portal</i></p>	<p>T2. Family does <b><i>not complete the WVP</i></b> ahead of visit, but <b><i>complete WVP and receive Visit Guide</i></b> on phone in <b><i>waiting room.</i></b></p>	<p>T5. Provider and family have <b><i>relationship-centered encounter,</i></b> making the most of limited time available.</p>	<p>T6. Family is <b><i>reminded to complete WVP and share their Visit Guide before their next well visit</i></b></p> <p>Resource: <i>Options and resources for inviting families to complete WVP</i></p>
<p>T2. Family <b><i>completes the WVP</i></b> ahead of visit, but does not share it with provider</p>	<p>T3. Family <b><i>Visit Guides retrieved from WVP User Portal</i></b> (printed or opened on provider's computer) by office lead/provider</p>		<p>T7. If family <b><i>did not complete WVP before or during visit,</i></b> they are invited to <b><i>complete WVP and share Visit Guide before next well visit.</i></b></p> <p>Resource: <i>Options and resources for inviting families to complete WVP</i></p>
<p>T2. Family <b><i>completes the PHDS</i></b> ahead of visit about last well visit.</p>	<p>T4. Provider <b><i>prepares for visit</i></b> with Visit Guide and tailors encounter to <b><i>family's concerns, needs and priorities;</i></b> personalized <b><i>resources and referrals as needed</i></b></p>	<p><b>Consider:</b> Who will be doing this? When? How?</p>	

# Examples of the EHR Feed: Open Ended items

## Continued...

The questions below will help your child's doctor or health care provider understand the specific needs your family.

### General Questions about You and Your Child:

1. Share one thing that your child is able to do that you are excited about.

she can say so much lately! It is fun to hear the new words she comes up with everyday!

2. Are there any specific **concerns** you would want to discuss at your child's upcoming well-visit?

Yes  No

Please Describe:

Should she be interested in toilet training yet?

3. Have there been any **changes at home** lately? Check all that apply.

- None
- Move
- Job change
- Separation
- Divorce
- Death in the Family
- Other, please describe:

You Must select an option to enter text

### Questions about Your Growing and Developing Child:

4. Do you have any concerns about your baby's learning, development, or behavior?

A Lot  A Little  Not at All

Please Describe:

You Must select "A Lot" or "A Little" to enter text

### 2yr Nurse Intake: Donald Duck

2yr Nurse Intake

History Source:

Nurse:

Nickname:

Genetic Testing:  GTY  GTN

Interpreter Used:

Accompanied By:  Mom  Dad  Sibling

Current Medications:

Family History:

Social History:

Parental Concerns:  [Parent report: Should she be interested in toilet training?]

One thing parent enjoys about child:  [Parent report: She can say so much lately. It is fun to hear the new ]

**Diet**

Milk:  Daily Intake of Milk:  <20 oz/day  >20oz/day

Balanced Diet:  vegetables/fruits  dairy  grains  meat  iron rich foods

**Supplements/Dental Care**

Vitamins:  yes  no

Fluoride Supplement Needed:  yes  no

Dental Care/Toothbrushing:  yes  no

Comment:

# Examples of the EHR Feed: General Child Screeners

4. Do you give your child any vitamins or herbal supplements?



5. Does your child live with both parents in the same home?



Social History: [Parent report: Child lives in more than one home]

Parental Concerns: [Parent report: She is not toilet trained yet and has no interest.]

One thing parent enjoys about child: [Parent report: She can say so much lately. It is fun to hear the new words she comes up with.]

**Diet**

Milk:  Daily Intake of Milk:  <20 oz/day  >20oz/day

Balanced Diet:

- vegetables/fruits
- dairy
- grains
- meat
- iron rich foods

Comment:

**Supplements/Dental Care**

Vitamins:  yes  no

Fluoride Supplement Needed:  yes  no

Dental Care/Toothbrushing:  yes  no

# Example of the EHR Revisions: Anticipatory Guidance

ANTICIPATORY GUIDANCE: Cinderella Disney

4 MONTH WELL CHILD ANTICIPATORY GUIDANCE

ITEMS DISCUSSED

**SELECT ALL MAIN TOPICS**

Family functioning

[Select All Family Functioning Sub Topics](#)

parent roles/responsibilities

parental responses to infant

child care providers

Infant development

[Select All Infant Development Sub Topics](#)

consistent daily routines

sleep (crib safety - sleep location)

parent-child relationship (play - tummy time)


infant self-regulation (social development, infant self-calming)

Anticipatory Guidance Form Updated to include age-specific Bright Futures subpriorities

# MUTUAL PARTICIPATION MODEL

The **model of mutual participation** (also advocated by Balint (1964)<sup>10</sup>) is based on the belief that equality amongst human beings is mutually advantageous. In this **model** the doctor does not confess to know exactly what is best for the patient.

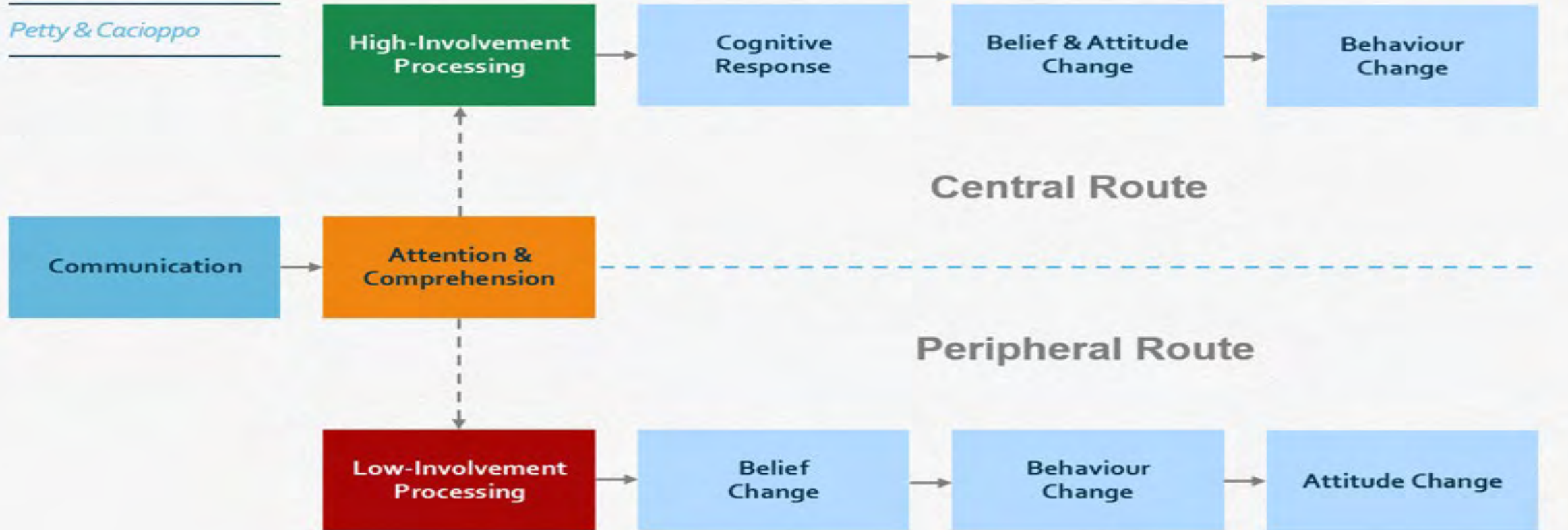
- Active involvement of patients as more equal partners ('meeting of experts')
- Both parties share power and responsibility, exchange of ideas & sharing of belief systems, need each other and will work towards choices and actions satisfying to them both
- Open questioning, interested in psycho-social aspect of illness history & examination investigation results in a diagnosis
- Hence there is integration



The neuroscience  
of patient  
engagement,  
health promotion  
and healing

# Elaboration Likelihood Model

*Petty & Cacioppo*

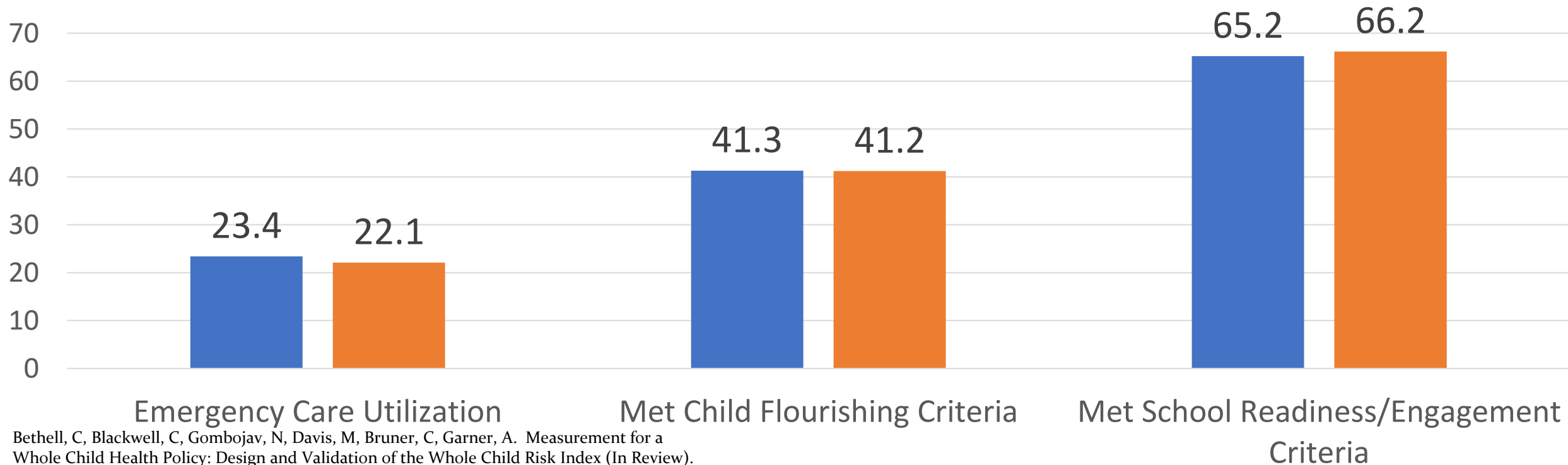


# Outcomes by Medical, Social and Relational Domains

- Experienced Medical/Mental Health Problems Only (MHR Only-12% all children)
- Experience Relational and Social Health Risks Only (RHR/SHR Only -7.2% of all children)

64.3% of children with MHR also experienced RHR and/or SHR

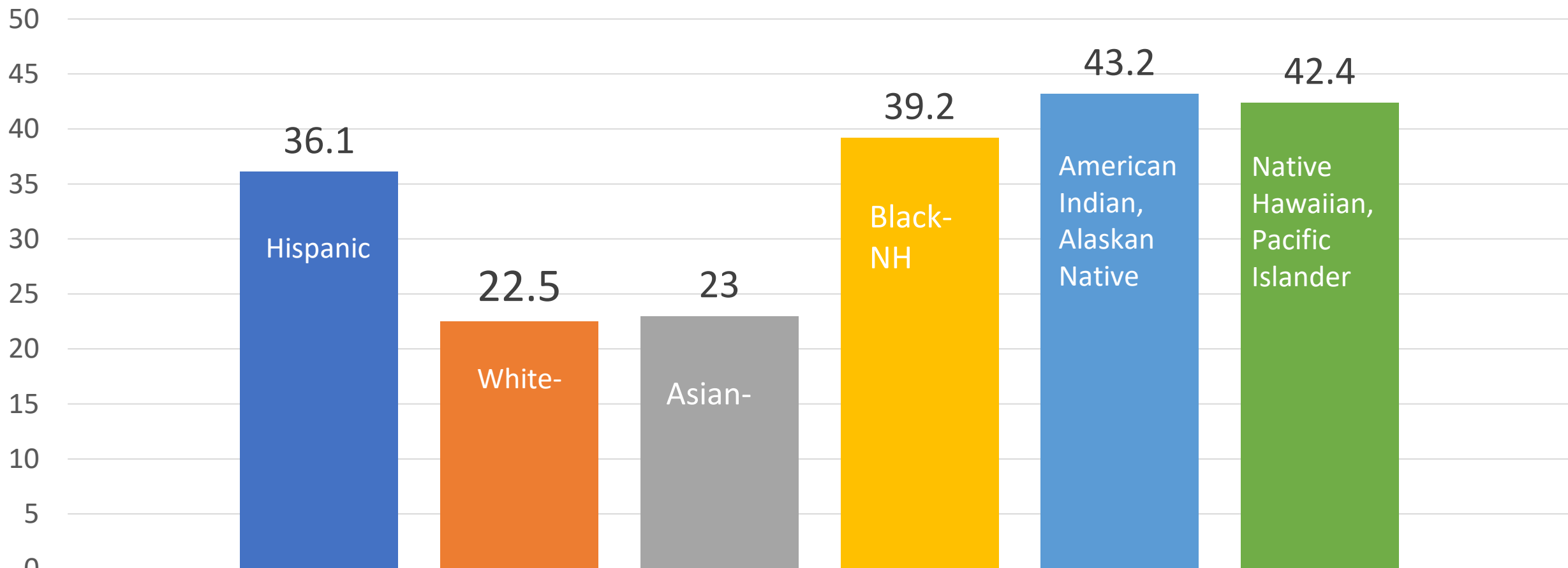
Prevalence of study outcomes did not vary between (1) children experiencing medical or mental health problems only and (2) children experiencing relational and social health risks only





# Prevalence of US Children Experiencing Risks on 2 or all 3 Whole Child Complexity Index Domains, By Race/Ethnicity

■ Hispanic ■ White-NH ■ Asian ■ Black-NH ■ American Indian/Alaskan Native ■ Native Hawaiian/Pacific Islander



Bethell, C, Blackwell, C, Gombojav, N, Davis, M, Bruner, C, Garner, A. Measurement for a Whole Child Health Policy: Design and Validation of the Whole Child Risk Index (In Review)

Experienced Risks on Two or All Three Domains (Medical, Relational, Social)

# Q&A

Please unmute yourself to ask a question

# Next Session

## Session 4:

- June 1st at 2pmET-3pmET
- Integrating Screening Practices into EHRs and Managing Workflows
- Guest Speaker Dr. Zara Marselian

# Funding Opportunities

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- **Funding for Health Centers**  
Health centers have until Monday, May 31, to complete and submit American Rescue Plan Funding for Health Centers (H8F) award submissions in HRSA's Electronic Handbooks (EHBs). See the [H8F TA webpage](#) for submission guidance, [steps to add your H8F grant to your EHBs portfolio](#), and recordings of the question and answer sessions. We continually update our [American Rescue Plan Funding for Health Centers FAQs](#), and recently added some examples related to potential uses of H8F funding to enhance early childhood health to the [H8F Activities and Allowable Uses of Funds webpage](#).
- **Funding Opportunity for Health Center Construction and Capital Improvements**  
Health centers have until Thursday, June 24, to submit their American Rescue Plan - Health Center Construction and Capital Improvements (C8E) applications in EHBs. Visit the [C8E TA webpage](#) for award submission guidance, information about upcoming question and answer sessions, and other resources. See also the [C8E FAQs webpage](#), which we continually update.
- **Emergency Broadband Benefit Program Applications Open May 12**  
Applications for the Federal Communications Commission's (FCC) [Emergency Broadband Benefit \(EBB\)](#) program opens, Wednesday, May 12. The [FCC's EBB toolkit](#) has resources and materials to help you prepare to assist your patients with their application. See our [recent bulletin](#) for background information on this exciting program. If you missed the HRSA Telehealth Learning Series session on federal broadband programs, [watch the recording](#).
- **Funding Opportunity for Rural Maternity Care**  
This HRSA funding opportunity is part of the [Rural Maternity and Obstetrics Management Strategies \(RMOMS\) program](#), introduced in 2019 to address the lack of services in rural areas. Recipients will be networks that have already been established by three or more separately-owned entities and include one HRSA-funded health center or LAL, among other requirements. Applications are due on Friday, June 4.

Chat :

What type of training or technical assistance do you need to improve COVID-19 vaccination in your communities? Please be specific.

20

# Evaluation Poll

- Answer the poll...
- Add to the chat **to Organizer**
  - Which aspects of this learning collaborative session did you find most useful?
  - How could this learning collaborative session be improved in the future?
  - What other topics would you like training and technical assistance on?



# Thank You

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- Please fill out evaluation!
- Contact us for any questions
  - Saqi Maleque Cho  
[saqi.cho@namgt.com](mailto:saqi.cho@namgt.com)
  - Abdin Noboa-Rios  
[abdin.noboa@namgt.com](mailto:abdin.noboa@namgt.com)