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Screening for Social Risks in School-based Health Centers: Learnings from the Field

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Social Interventions Research and Evaluation Network
(SIREN)



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Land Acknowledgement

We would like to acknowledge and pay respects to the Chochenyo and Ramaytush Ohlone people, who are the traditional custodians of the land that is home to our SBHCs and university in the SF bay area. We are proud to continue their tradition of coming together and growing as a community, and we thank them for their stewardship and support.

Session Objectives

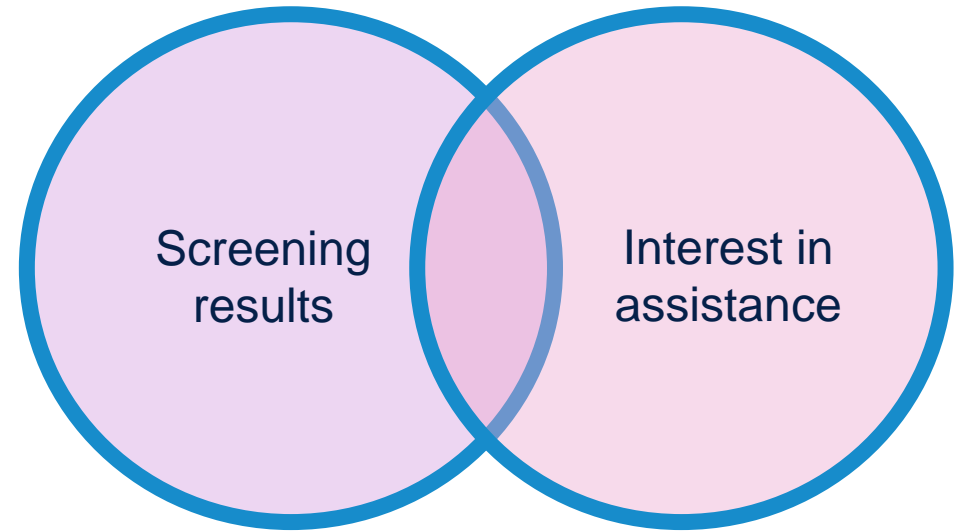
1. Identify at least 3 of the most common social risk factors experienced by families in the US, and explain their relationship to youth health outcomes;
2. Describe the content, strengths, and limitations of at least one standardized social risk screening tool; and
3. Evaluate potential barriers and facilitators to the implementation of social risk screening and intervention in an SBHC setting

Poll

Who do we have in the audience?

Clarification of Terms

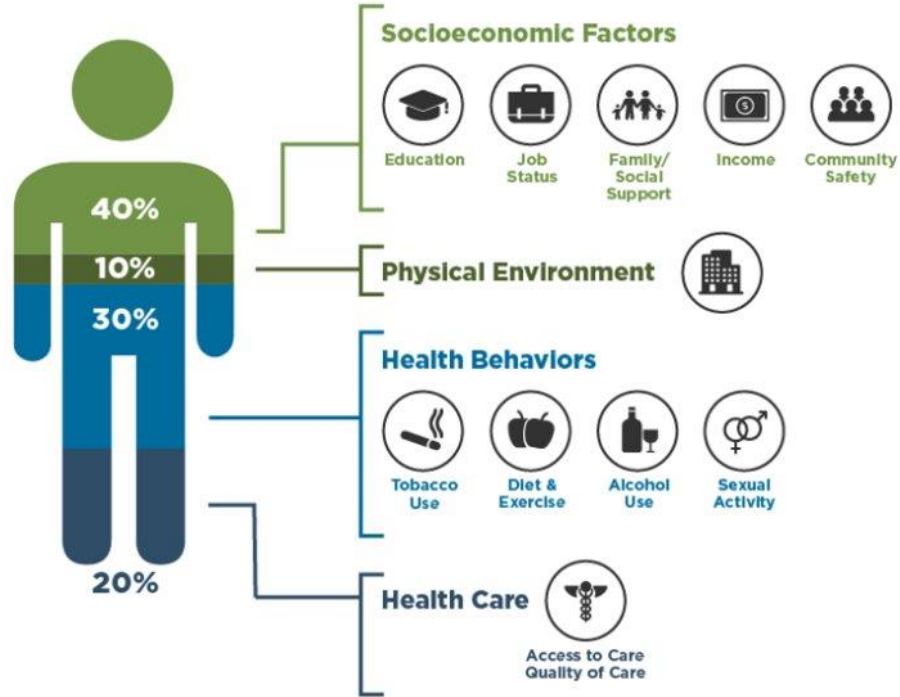
- Social determinants of health (SDH/SDoH)
 - Can positive or negatively impact health
- Social risk factors
 - Adverse social conditions
 - Negatively impact health
- Social needs
 - Patient-centered perspective



Gottlieb & Alderwick, *Milbank Quarterly*. 2019; De Marchis, et al. *JABFM*. Mar 2020

Background and Significance

What Goes Into Your Health?



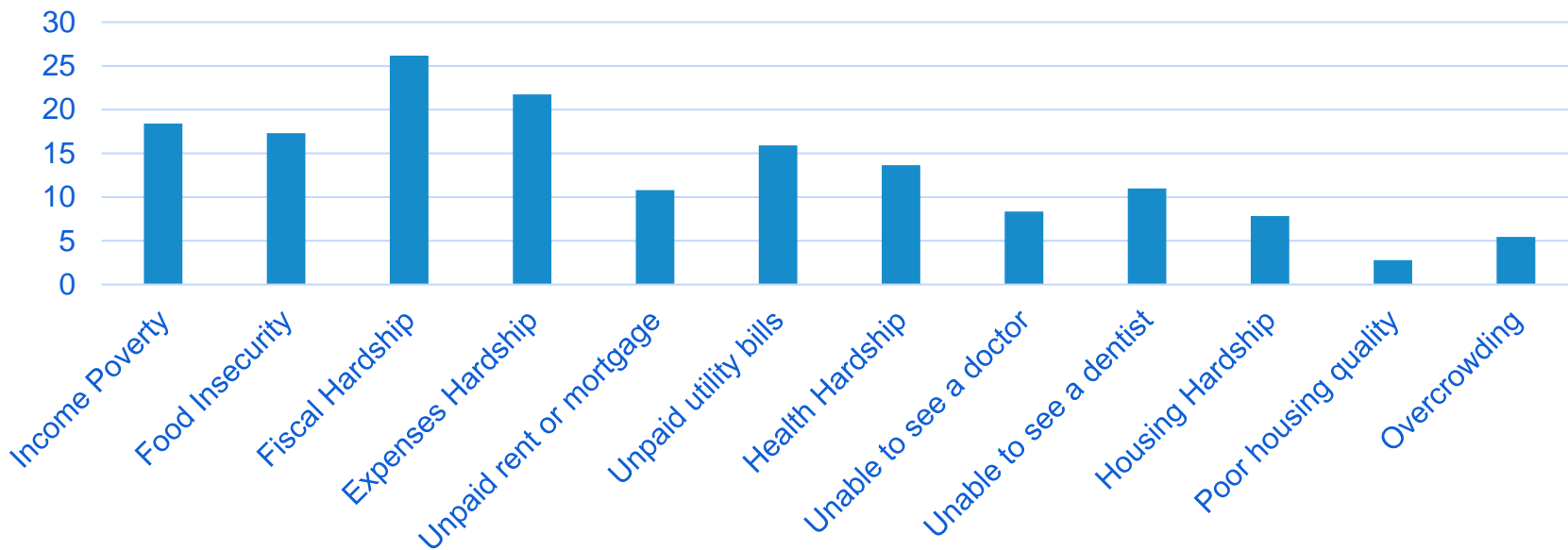
Source: Institute for Clinical Systems Improvement, Going Beyond Clinical Walls: Solving Complex Problems (October 2014)

Adapted from The Bridgespan Group

What social risks do you see in your patients/communities?

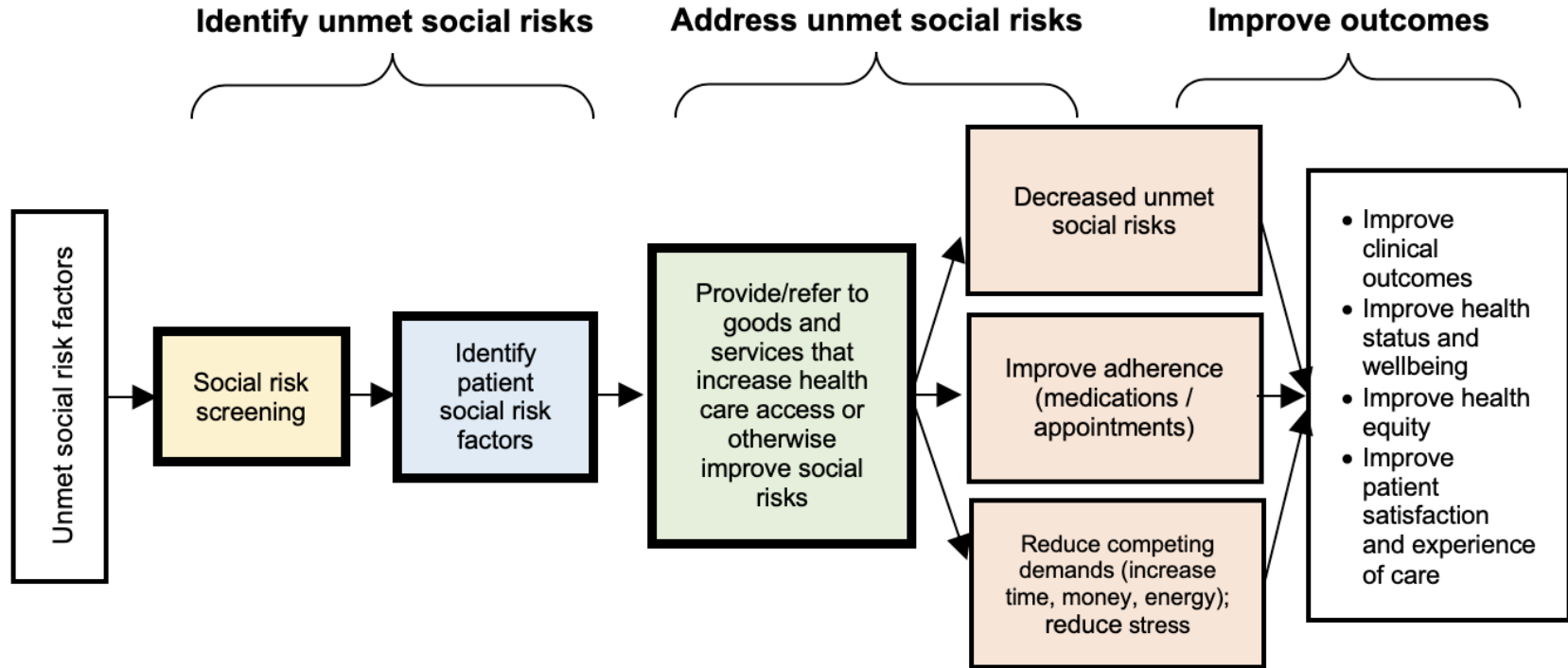
Material Hardship among Children 0-17y

(Pooled data over 15 years; N = 410,788)



Rodems, R. and H. L. Shaefer (2020). "Many of the kids are not alright: Material hardship among children in the US." CYSR

OASIS Conceptual Model



Policy Push for Social Risk Screening in Health Care



Accountable Health Communities

Annals of Internal Medicine

Addressing Social Determinants to Improve Patient Care and Promote Health Equity: An American College of Physicians Position Paper



**AMERICAN ACADEMY OF
FAMILY PHYSICIANS**

STRONG MEDICINE FOR AMERICA

Poverty and Child Health in the United States

COUNCIL ON COMMUNITY PEDIATRICS

American Academy
of Pediatrics

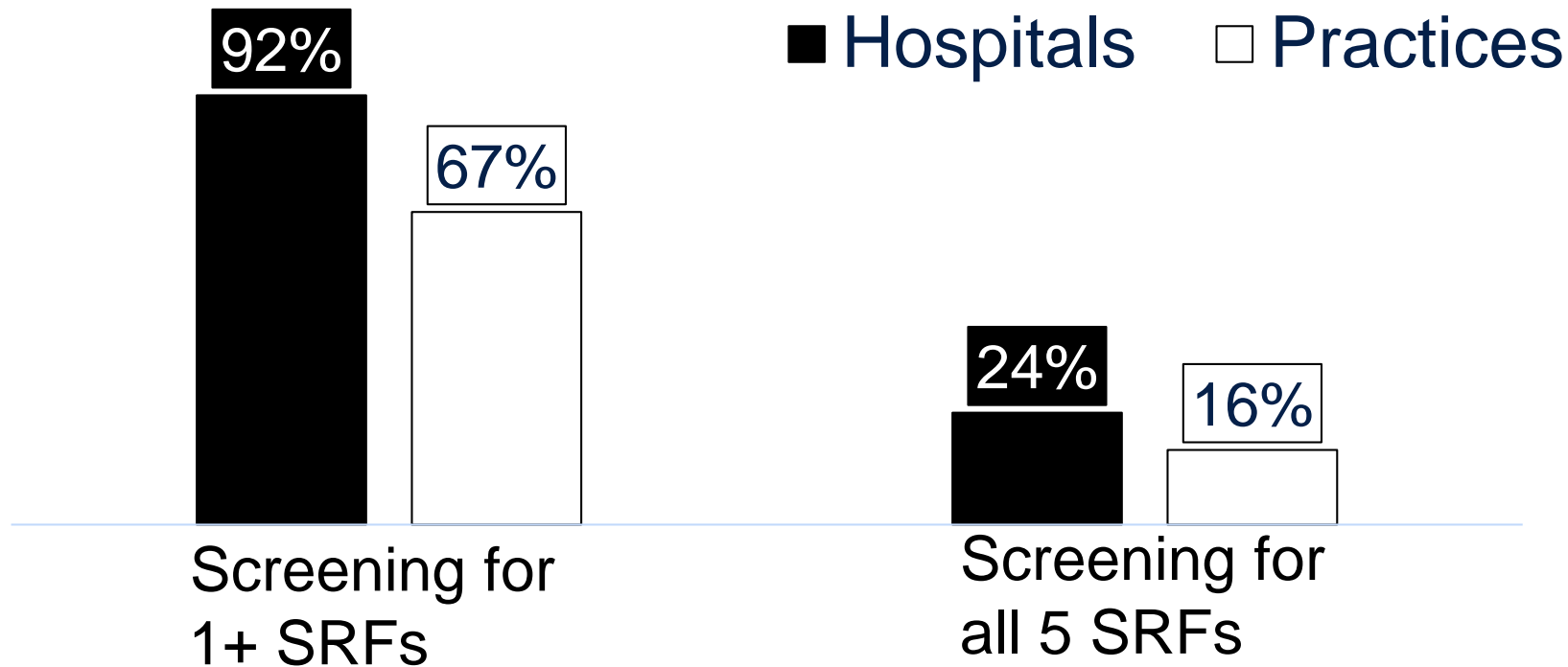


DEDICATED TO THE HEALTH OF ALL CHILDREN™

POSITION PAPER



Prevalence of screening for social risk factors in US Health Care Orgs



Does your SBHC currently screen
for social risks?

Social Risk Screening Tools

Systematic data collection

Social & economic risk screening tool	Recommended Social and Behavioral Domains and Measures for Electronic Health Records	PRAPARE: Protocol for Responding to and Assessing Patient Assets, Risks, and Experiences	CMS Accountable Health Communities Screening Tool
Total # of questions	24	21	10
Housing		<input type="checkbox"/>	<input type="checkbox"/>
Food		<input type="checkbox"/>	<input type="checkbox"/>
Clothing		<input type="checkbox"/>	
Utilities (phone, gas, electric)		<input type="checkbox"/>	<input type="checkbox"/>
Medicine/health care		<input type="checkbox"/>	
Child care		<input type="checkbox"/>	
Transportation		<input type="checkbox"/>	<input type="checkbox"/>
Neighborhood safety		<input type="checkbox"/>	
Interpersonal violence/safety	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Physical Activity	<input type="checkbox"/>		
Social connections/isolation	<input type="checkbox"/>	<input type="checkbox"/>	
Stress	<input type="checkbox"/>	<input type="checkbox"/>	



Social risk screening tools comparison table:

<https://sirenetwork.ucsf.edu/tools-resources/mmi/screening-tools-comparison>

Systematic data collection



**Accountable Health Communities (AHC)
Health-Related Social Needs (HRSN)
Screening Tool**

WeIRX

PRAPARE

WeCare



Health Leads

HELP



SEEK

Safe Environment for Every Kid

siren



HealthBegins

UCSF

Domain considerations

Food insecurity



Within the past 12 months we worried whether our food would run out before we got money to buy more.

Within the past 12 months the food we bought just didn't last and we didn't have money to get more.

Other domains...
wide variation

Domain considerations

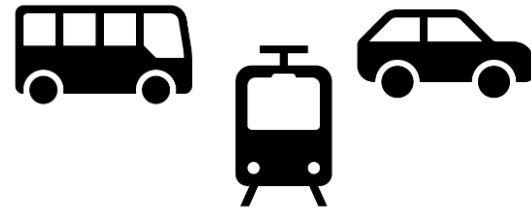
Housing stability and quality

- No gold standard screening tool or even universally accepted definition for housing-related social risks



AHC	PRAPARE	CHW Housing Vital Sign
<p>What is your housing situation today?</p> <ul style="list-style-type: none"> • I have a steady place to live; • I have a place to live today, but I am worried about losing it in the future; • I do not have a steady place to live [I am temporarily staying with others, in a hotel, in a shelter, living outside on the street, on a beach, in a car, abandoned building, bus or train station, or in a park] 	<p>How many family members, including yourself, do you currently live with?</p> <ul style="list-style-type: none"> • # response • I choose not to answer this question 	<p>In the past 12 months, was there a time when you were not able to pay the mortgage or rent on time?</p> <ul style="list-style-type: none"> • Yes • No
<p>Think about the place you live. Do you have problems with any of the following? [Check all that apply].</p> <ul style="list-style-type: none"> • Pests such as bugs, ants, or mice, • Mold, • Lead paint or pipes, • Lack of heat, • Oven or stove not working, • Smoke detectors missing or not working, • Water leaks, • None of the above 	<p>What is your housing situation today?</p> <ul style="list-style-type: none"> • I have housing • I do not have housing (staying with others, in a hotel, in a shelter, living outside on the street, on a beach, in a car, or in a park) • I choose not to answer this question <p>Are you worried about losing your housing?</p> <ul style="list-style-type: none"> • Yes • No • I choose not to answer this question 	<p>In the past 12 months, how many times have you moved where you were living?</p> <ul style="list-style-type: none"> • # of moves <p>At any time in the past, were you homeless or living in shelter [including now]?</p> <ul style="list-style-type: none"> • Yes • No

Domain considerations



Transportation

AHC	PRAPARE
<p>In the past 12 months, has lack of reliable transportation kept you from medical appointments, meetings, work or from getting things needed for daily living?</p> <ul style="list-style-type: none">• Yes• No	<p>Has lack of transportation kept you from medical appointments, meetings, work, or from getting things needed for daily living? Check all that apply.</p> <ul style="list-style-type: none">• Yes, it has kept me from medical appointments or from getting my medications• Yes, it has kept me from non-medical meetings, appointments, work, or from getting things that I need• No, I choose not to answer this question

Domain considerations



Utilities

AHC

In the past 12 months, has the electric, gas, oil, or water company threatened to shut off services in your home?

- Yes
- No
- Already shut off

PRAPARE

In the past year, have you or any family members you live with been unable to get any of the following when it was really needed? Check all that apply.

- Yes/No for: Food; Utilities; Medicine or any health care (Medical, Dental, Mental Health, Vision); Phone; Clothing; Child Care; Other (please write): _____
- I choose not to answer this question

Domain considerations

Income



AHC (supplemental question)

How hard is it for you to pay for the very basics like food, housing, medical care, and heating? Would you say it is...

- Very hard
- Somewhat hard
- Not hard at all

PRAPARE

During the past year, what was the total combined income for you and the family members you live with? This information will help us determine if you are eligible for any benefits.

- Free text
- I choose not to answer this question

In the past year, have you or any family members you live with been unable to get any of the following when it was really needed? Check all that apply.

- Yes/No for: Food; Utilities; Medicine or any health care (Medical, Dental, Mental Health, Vision); Phone; Clothing; Child Care; Other (please write):_____
- I choose not to answer this question

Screening Implementation Considerations

What are the biggest barriers to screening in SBHCs?

Health care team perspectives

- Concerns:
 - Stigmatization, discrimination; impact on relationships
 - Time and workflow disruption
 - “Check list” screening
 - Ability to respond / follow up



Health care team perspectives

- Recognition of role of social risk factors on patient health outcomes
- Screening can improve health care team-patient relationships and improve clinician understanding of patients' conditions
- With training / education, support for screening grows

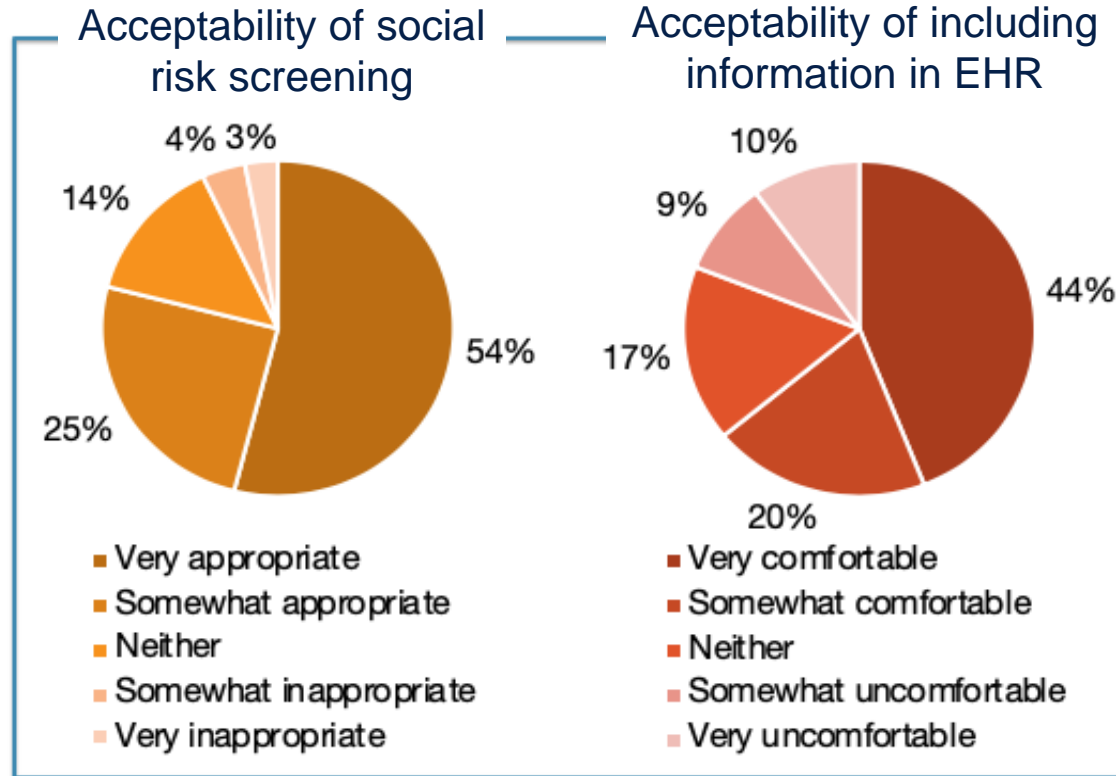


Patient perspectives

- Concerns regarding stigmatization, discrimination
- Relevance to care
- Importance of patient-centered care, framing discussion
- Recognition of limitations of health care system to resolve risks



Patient/Caregiver Acceptability of Screening



Unique considerations for SBHCs

Who is the
medical
home

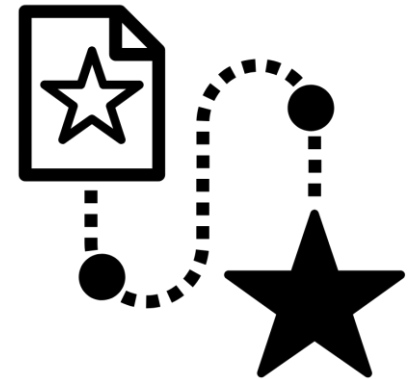
Parent/family
engagement

Trusting
relationship



Implementation

- Importance of continual education and training
 - Empathic inquiry training, trauma-informed approaches
- No clear modality preference across settings
- Integrate into current workflows
- Adaptability and responsiveness



Technology can facilitate awareness activities

The screenshot displays an Epic EMR interface for a patient named Nick Zzsdhcaraway. The main chart area shows a visit on 9/30/2019 with a 'Chief Complaint' of 'None'. A 'Social Determinants of Health' popup window is open, showing a list of risk factors for the last 12 months. The popup is divided into two tabs: 'Recent Data' and 'Synopsis (All Data)'. The 'Recent Data' tab shows the following status for various categories:

Category	Status
Financial Resource Strain	At Risk
Housing	Declined
Food	At Risk
Transportation	At Risk
Utilities	At Risk
Safety	Not at Risk
Physical Activity	At Risk
Social Connections and Isolation	Not at Risk
Stress	Not at Risk
Employment	Not at Risk

The 'Synopsis (All Data)' tab shows the same categories with their overall status: Financial Resource Strain (At Risk), Housing (Declined), Food (At Risk), Transportation (At Risk), Utilities (At Risk), Safety (Not at Risk), Physical Activity (At Risk), Social Connections and Isolation (Not at Risk), Stress (Not at Risk), and Employment (Not at Risk).

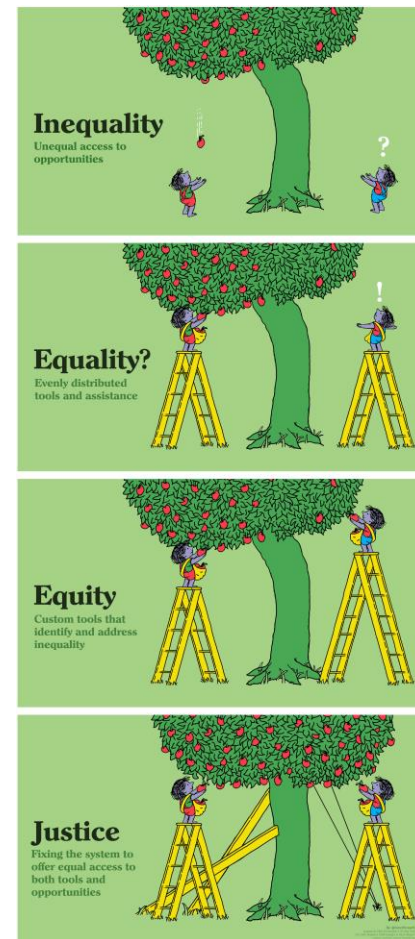
Social Risk Screening incorporated into History/Intake

Care Team members track and update Social Determinants in History questionnaires

© 2020 Epic Systems Corporation

Avoiding Unintended Consequences

- Standardize process
- Monitor process metrics: who is getting screened, what is the follow up?
- Assess impact of screening/interventions on equity
- Payment and delivery system reforms
- Regulate use of data



Source: Tony Ruth - Creative Commons Image

Recommendations



- Engage stakeholders across settings from the beginning
- Think critically about what you are trying to screen for –what is the end goal of identification?
- Communicate with on the ground teams around their concerns and resource needs –what is their screening capacity?
- Talk to health settings about their experiences with screening
- Use existing tools, when possible, to promote consistency and comparability
- Review and share data with an equity lens: internal and external population health management

Thank you!

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