Integrating Health Equity

into Your Quality Improvement & Safety Efforts



PCMH Learning Network 14 September 2023

John (JC) Cowden, MD, MPH

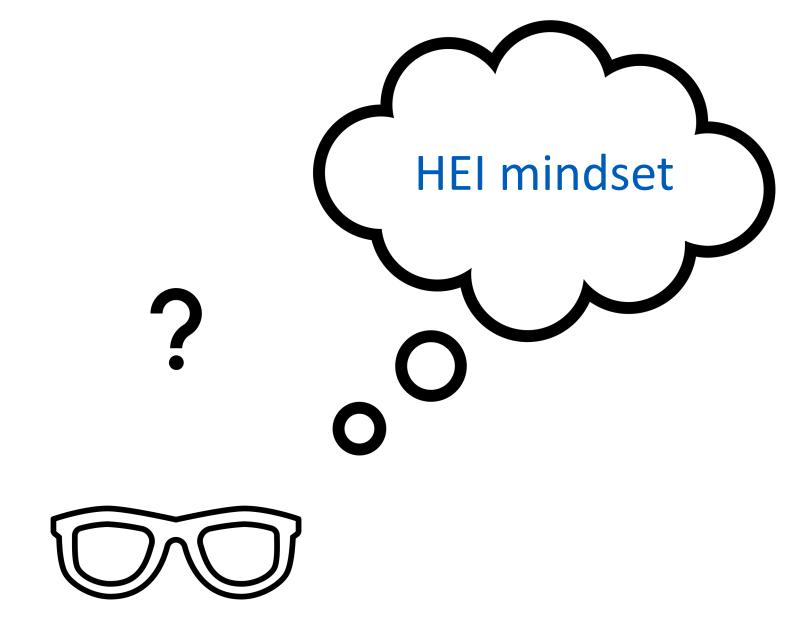
Professor of Pediatrics, Univ of Missouri – Kansas City School of Medicine Health Equity Integration Project Leader, Children's Mercy Kansas City





Dr. Cowden has documented no financial relationships to disclose or conflicts of interest (COIs) to resolve.













Learning Objectives

- 1. Describe steps for embedding health equity activities into existing team and organizational processes in quality and safety
- 2. Explain the **advantages of integrating health equity efforts** instead of just adding them on top of your existing work



My Aims

Inspire new ideas for your work



Move you to action



How much experience do you have with health equity-focused QI or safety work?

- a) No experience
- b) Small amount of experience
- c) Moderate amount of experience
- d) Extensive experience



How confident are you that you could integrate a health equity perspective into any QI or safety project, no matter the topic?

- a) Not at all confident
- b) A little confident
- c) Fairly confident
- d) Very confident



Equality









Equity









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"Health Equity"

Goal:

Everyone has a fair and just opportunity to be as healthy as possible



"Health Equity"

Process:

Removing economic and social obstacles to health such as poverty and discrimination



"Health Equity"

Equity	attainment of the highest level of opportunity/engagement/health for all ¹
Disparities/inequities	differences in opportunity/engagement/health based on characteristics of individual or group diversity
Diversity	the varied identities and experiences within our teams and the families and communities we serve
Inclusion	inviting all people to take part in building our processes and structures, a necessary step to achieving best outcomes
Bias (implicit or explicit)	preferences in individuals and systems or processes that can drive differences in opportunity/engagement/health
Racism	system of structuring opportunity and assigning value based on the social interpretation of how one looks (which is what we call 'race') ²
Anti-racism	practice of identifying, challenging, and changing the values, structures and behaviors that perpetuate systemic racism ³
Cultural humility and competency	attitudes, knowledge, and skills needed to work effectively with those who are different from us, includes cultural awareness/sensitivity/responsiveness
Social determinants of health	conditions in which people are born, grow, live, work and age; shaped by distribution of money, power and resources ⁴

^{1.} adapted from Healthy People 2020, https://www.healthypeople.gov/2020/about/foundation-health-measures/Disparities; 2. American Academy of Pediatrics, The Impact of Racism on Child and Adolescent Health 3.Ontario Anti-racism Secretariat; 4. World Health Organization, https://www.who.int/social_determinants/sdh_definition/en/

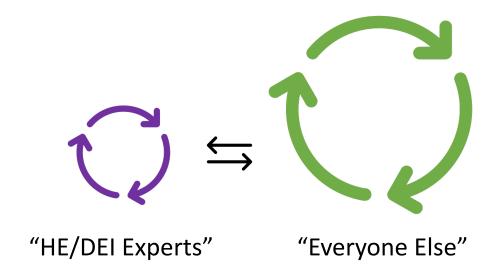




Big Idea #1

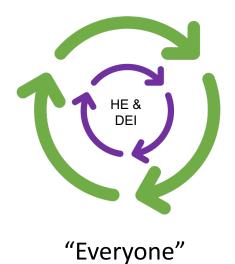


Reliance on the Experts





Health Equity Integration







Big Idea #2



Health equity, like safety, is everyone's work.





Health equity, like safety, is everyone's work.



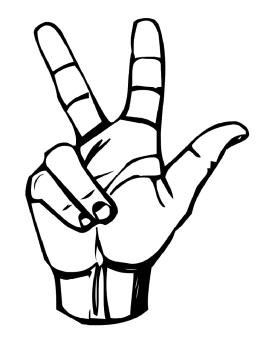
It must be co-owned.





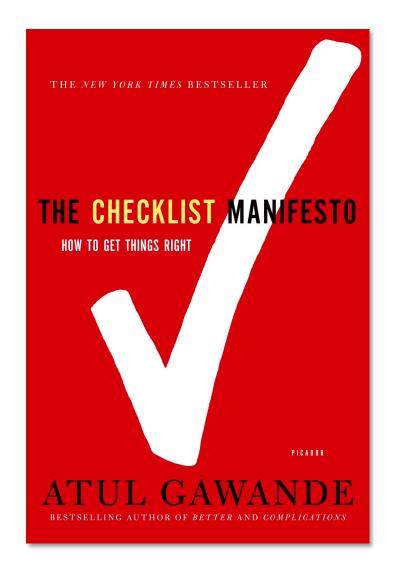
What is holding us back?





Big Idea #3







Equality









Equity





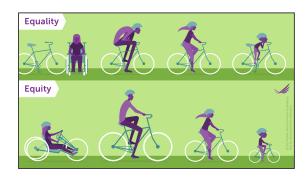




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Standardize questions, not solutions

- 1. Universal Questions
- 2. DEI Checklists





Universal Questions

Ask standard questions related to DEI and HE at predictable checkpoints in work processes, or "bottlenecks" everyone must pass through





- 1. Could specific groups of patients, families, and employees be affected differently by ______?
- 2. If so, how?
- 3. What are the right questions for us to ask when working on to find and describe such differences?
- 4. How do we act on what we learn?



Clinical Safety Universal Question



Safety Event

Investigation

Insight











Scripted interviews of everyone involved



Universal Question added to script



Preamble

We have learned in our work that there are many things that can come into play when something unexpected happens, including characteristics of the people involved. For example, a person's background, beliefs, experiences, culture, and other characteristics can affect their behavior, and might play a role in an event. This can be true for patients, family members, or staff.

Question

Because of this, we have begun asking everyone involved whether they think any of the following things might have played a role in some way: language, culture, race and ethnicity, age, gender, sexual orientation, religion, or any other characteristic of anyone involved. How do you think characteristics such as these played a role in this event, if at all?



Clinical Safety HEI Outcomes

$$\stackrel{\stackrel{\bullet}{\longrightarrow}}{\longrightarrow}$$
 $\stackrel{\bullet}{\longrightarrow}$
 $\stackrel{\bullet}{\longrightarrow}$

Process: 50% → 100% "question asked" (steady state)
 Team incorporated into standard evaluation
 Full ownership of new process, esp. by leader



Clinical Safety HEI Outcomes



Impact: Factors identified in ~1/3 of safety events

Language, race, SES, age, sexual orientation

Spread to other teams (e.g., code blue debrief)







DEI Checklists

Ask standard questions in the form of a checklist (used once or repeatedly) to integrate DEI/HE into regular work processes in any setting



Quality Improvement DEI Checklist



Problem Solving Team "Framework for PS"

QI Project Activities









Standard set of questions used for all steps of QI project



PS DEI Checklist

created to accompany framework



Framework for Problem Solving: Asking the right questions

Approved: Date: Focus: Owner: Clarify the Problem: Critical to understand the problem in order to solve it **Develop and Implement Countermeasures:** To focus change efforts on the things What is the actual problem? most likely to yield improvement • What is the desired state or target condition? What changes can we make that will result in improvement? What is the current state or condition? How can we prioritize the ideas? • Will the countermeasure address the root cause(s)? Describe the gap between the current performance and what you hope to achieve by understanding the perspective of all involved in the problem. Identify one or more key Can / should we test it on a small scale? measures in order to quantify the gap. How will we implement? Tools: Complete set of Measures, Data Collection, Best Practice, Voice of the Customer What actions are needed? (what, when, who?) Brainstorm system-level ideas and rank by feasibility and reliability. Recognize the **Break Down the Problem:** To focus efforts on largest contributor of the problem alignment between the countermeasure and the performance mode it will address. Test What factors contribute to the identified gap? the countermeasures in iterative PDSA cycles. Consider short term and long term What barriers are encountered? countermeasures. Visually display the drivers and countermeasures in a diagram. Which factors or barriers contribute more than others? Tools: Brainstorming, Affinity Diagram, Driver Diagram, PDSA What characteristics of the population might relate? • What subpopulations are impacted? **Check Results and Process:** To determine if the countermeasures were implemented as intended and produced the expected results • Which steps in the process are creating waste? Did the countermeasure lead to improvement? Who? What? When? Where? How much? How do we know if it's normal variation or improvement? Narrow the problem by identifying and quantifying each factor that contributes. Focus on How do we confirm that the process is still working? the problem from a systems perspective. Go and observe the process, people, and place. Tools: Process Flow Map, Fault Tree, Pareto Diagram Has the root of the problem been resolved? Are there any new problems/unintended consequences to address? Set a Target: Critical to help the team focus on a reasonable and attainable goal Confirm the countermeasure resulted in improvement. Display data in time series. • What are we trying to accomplish? How much? By when? Understand the difference between common cause and special cause variation. What drivers are associated with a successful outcome/target? **Tools:** Run Chart, Control Chart, Confirmation Checklist, Rounding to Influence Create an aim statement that is specific, measurable, actionable, relevant, and time bound Incorporate the perspective of the patient or customer. Consider realistic and inspirational Standardize and Follow Up: To ensure that an improvement has been embedded targets. Understand the rationale for the target. nto practice and that any abnormalities are made visible when they occur **Identify Root Cause:** To identify, understand, and prioritize the underlying factor(s) Why do we need to standardize? Is the Target the new standard? that are contributing or causing the gap Is it clear when things are normal versus abnormal? What happened? How do we ensure sustainable improvement? • Why did it happen? How can we impact other areas by sharing what we learned? Can the causes be drilled down by asking why 5 times? Utilize the daily management system to confirm sustainability of the improvement. • What factors contribute to the problem more than others? Replicate or spread to other areas. Share what you learned. • What can be done so it doesn't happen again? Tools: Standard Work, Confirmation Checklist, Confirmation Rounds, Rounding to Graphically display the factors contributing to the problem. Look for proximate and root Influence, Leader Standard Work, Huddle Boards, Methods causes. Identify correlations and possible causation. Eliminate unlikely causes. Observe. Tools: Fishbone Diagram, 5 Whys, Pareto Diagram







Children's Me	rcy		
KANSAS CITY	Team:		
Diversity, Equity, and In or use with the Framework for	nclusion (DEI) Checklist Problem Solving		
	ersity, equity, and inclusion" frame of mind on the considered while discussing your team's work.		
Equity	attainment of the highest level of opportunity/engagement/health for all ¹		
Disparities/inequities	differences in opportunity/engagement/health based on characteristics of individual or group diversity		
	the varied identities and experiences within our teams and the families and communities we serve		
Diversity			
Diversity			
	communities we serve inviting all people to take part in building our processes and structures, a necessary		
Inclusion	communities we serve Inviting all people to take part in building our processes and structures, a necessary step to achieving best outcomes preferences in individuals and systems or processes that can drive differences in		

STEP 2. Think about diversity broadly



of money, power and resources⁴

There are many characteristics of diversity known to contribute to disparities in opportunity, engagement, and health in our communities and our workplaces. These include:

Age, education, job role, income, neighborhood/ZIP code, disability, gender identity, sexual orientation, race/ethnicity, language preference, literacy, religion, immigrant status, acculturation, and many others.

STEP 3. Ask at every turn



When addressing each box in the framework, consider and discuss how concepts and characteristics listed in STEPS 1 & 2 relate to the questions your team is answering.

STEP 4. Keep track of your thoughts



Please use the worksheet on the next page to record how the concepts above do or don't apply to each step of your process.

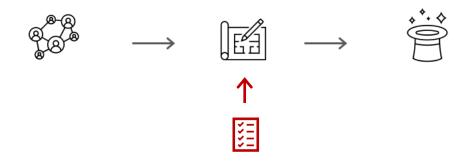
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Worksheet for considering diversity	v. equity, and inclusion	n in problem solving		
Please record your group's thoughts about how the terms and characteristics listed in the DEI checklist might apply to each step in your problem-solving process:				
Box 1. Clarify the problem	Factors identified: Yes	□No		
Please explain:				
Box 2. Break down the problem	Factors identified: Yes	□No		
Please explain:				
Box 3. Set a target	Factors identified: Yes	□No		
Please explain:				
Box 4. Identify root cause	Factors identified: Yes	□No		
Please explain:				
Box 5. Develop and implement countermeasure	Factors identified: Yes	□No		
Please explain:				
Box 6. Check results and process	Factors identified: Yes	□No		
Please explain:				
Box 7. Standardize and follow up	Factors identified: Yes	□No		
Please explain:				
Questions? Not sure how to best use this tool? Ple Equity Integration Project (HEIP) at Children's Men		den@cmh.edu) with the Health		



Quality Improvement HEI Outcomes



Process: All PS courses (steady state)

Filled out by all teams

Impact: 80-90% of teams identified factors

Coaches own integration, guide teams

Gave rise to all other checklist versions



More HEI Stories

Evidence-based Practice

Patient & Family Engagement

Chaplaincy E



Flexible and adaptable to each team's work



Processes become standard work



"Owned" by each team and individual



Broader and deeper engagement among team members



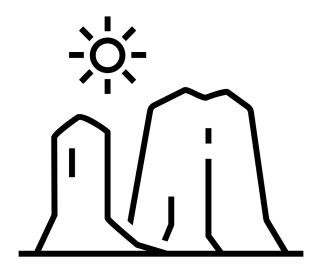
Change in mindset



Change in culture

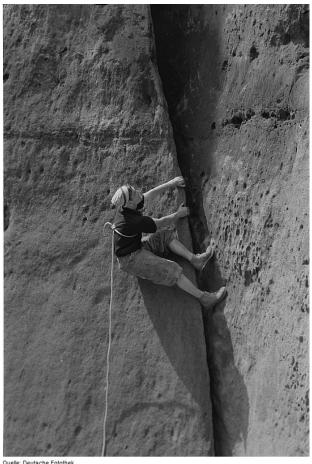


Approaches to HEI



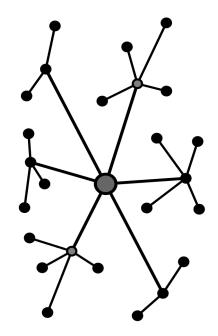


Approaches to HEI





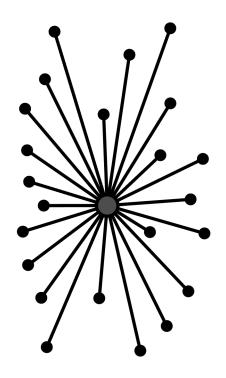
How can we integrate?



Decentralized integration



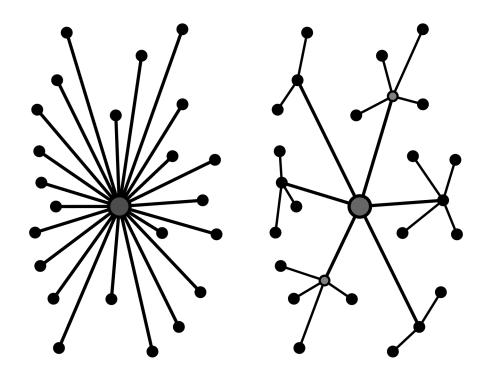
How can we integrate?



Centralized integration



How can we integrate?



Combined integration





What is holding you back?



Health equity, like safety, is everyone's work.



It must be co-owned.





DON'T WAIT!





Downloadable tools

(EDI Checklists and Universal Question Set)



John (JC) Cowden, MD, MPH

jdcowden@cmh.edu



Supplemental Slides



EDI Checklist for Teams or Individuals

Diversity Equity and In	
riversity, Equity, and in	clusion (DEI) Checklist
STEP 1 Get into a "diver	sity, equity, and inclusion" frame of mind
	ould be considered while discussing your team's work.
Equity	attainment of the highest level of opportunity/engagement/health for all ¹
Disparities/inequities	differences in opportunity/engagement/health based on characteristics of individual or group diversity
Diversity	the varied identities and experiences within our teams and the families and communities we serve
Inclusion	inviting all people to take part in building our processes and structures, a necessary step to achieving best outcomes
Bias (implicit or explicit)	preferences in individuals and systems or processes that can drive differences in opportunity/engagement/health
Racism	system of structuring opportunity and assigning value based on the social interpretation of how one looks (which is what we call 'race') 2
Anti-racism	practice of identifying, challenging, and changing the values, structures and behaviors that perpetuate systemic racism $\!^3$
Cultural humility and competency	attitudes, knowledge, and skills needed to work effectively with those who are different from us, includes cultural awareness/sensitivity/responsiveness
Social determinants of health	conditions in which people are born, grow, live, work and age; shaped by distribution of money, power and resources ⁴
adapted from Healthy People 2020, https://www.healthypeople.g wti-racism Secretariat; 4. World Health Organization, https://www.	pv/10/5/yabout/foundation-health-eseaures/(Disparities; 2. American Azaderry of Pediatrics, The Impact of Racism on Child and Adolescent Health 3. Ontario who int/pocial_determinants/seft_efficition/en/
STEP 2. Think about dive	rsity broadly
	ics of diversity known to contribute to disparities in opportunity, our communities and our workplaces. These include:
	ome, neighborhood/ZIP code, disability, gender identity, sexual language preference, literacy, religion, immigrant status, ters.
STEP 3. Ask at every turn	, @
	, information gathering, and tactics, explore how concepts and 5 1 $\&$ 2 relate to the questions your team is addressing.
STEP 4. Keep track of yo	ur thoughts
Please use the worksheet on to each step of your process.	the next page to record how the concepts above do or don't apply .

Work	
	sheet for including DEI in your team's work
	record your group's thoughts about how the terms and characteristics listed in the list might apply to each step in your decision-making processes:
1. Focu	s areas – How do you decide what to focus on and how is it affected by DEI concepts?
Please	explain:
	mation gathering – How have you considered diversity and inclusion when gathering information? Is 's voice missing? What else can you do to include all perspectives?
Please	explain:
3. Action	ons – How do your team's actions (including strategy, tactics, and group processes) take DEI concepts into t?
Please	explain:
Univer	sal questions to consider for each process/tactic you discuss:
	sal questions to consider for each process/tactic you discuss: Could specific groups of patients, families, employees, or others be affected differently by
1.	Could specific groups of patients, families, employees, or others be affected differently by
1. 2.	Could specific groups of patients, families, employees, or others be affected differently by
1. 2. 3.	Could specific groups of patients, families, employees, or others be affected differently by forcess/tacticl 2 If so, who might be affected differently and how?
1. 2. 3.	Could specific groups of patients, families, employees, or others be affected differently by forcess/tacticl 2 If so, who might be affected differently and how? What questions will help you find and understand these differences?
1. 2. 3. 4.	Could specific groups of patients, families, employees, or others be affected differently by forocess/tacticl ? If so, who might be affected differently and how? What questions will help you find and understand these differences? How do you act on your understanding?
1. 2. 3. 4.	Could specific groups of patients, families, employees, or others be affected differently by forcess/tacticl 2 If so, who might be affected differently and how? What questions will help you find and understand these differences?
1. 2. 3. 4. Questi	Could specific groups of patients, families, employees, or others be affected differently by liprocess/tactic ? If so, who might be affected differently and how? What questions will help you find and understand these differences? How do you act on your understanding? ons? Not sure how to best use this tool? Please contact JC Cowden (lidcowden@cmh.edu) with alth Equity Integration Project (HEIP) at Children's Mercy Kansas City.
1. 2. 3. 4. Questithe He	Could specific groups of patients, families, employees, or others be affected differently by process/tactic
1. 2. 3. 4. Questithe He	Could specific groups of patients, families, employees, or others be affected differently by process/tactic



STEP 1. Get into an "equity, diversity, and inclusion" frame of mind



Review these concepts that should be considered while discussing your team's work.

Equity	attainment of the highest level of opportunity/engagement/health for all ¹
Disparities/inequities	differences in opportunity/engagement/health based on characteristics of individual or group diversity
Diversity	the varied identities and experiences within our teams and the families and communities we serve
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	STEP	2.	Think	about	diversity	broadly
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There are many characteristics of diversity known to contribute to disparities in opportunity, engagement, and health in our communities and our workplaces. These include:

Age, education, job role, income, neighborhood/postal code, disability, gender identity, sexual orientation, race & ethnicity, language preference, literacy, religion, immigrant status, acculturation, and many others.



STEP :	3. Ask	at every	turn



When discussing focus areas, information gathering, and tactics, explore how concepts and characteristics listed in STEPS 1 & 2 relate to the questions your team is addressing.

STEP 4. Keep track of your thoughts



Please use the worksheet on the next page to record how the concepts above do or don't apply to each step of your process.



Worksheet for including EDI in your team's work

1. Focus areas – How do you decide what to focus on and how is it affected by EDI concepts?

2. Information gathering – How have you considered diversity and inclusion when gathering information? Is anyone's voice missing? What else can you do to include all perspectives?

3. Actions – How do your team's actions (including strategy, tactics, and group processes) take EDI concepts into account?

	record your group's thoughts about how the terms and characteristics listed in the st might apply to each step in your decision-making processes:
l. Focus	areas – How do you decide what to focus on and how is it affected by DEI concepts?
Please e	xplain:
	mation gathering – How have you considered diversity and inclusion when gathering information? Is s voice missing? What else can you do to include all perspectives?
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	operators.
	ns – How do your team's actions (including strategy, tactics, and group processes) take DEI concepts into
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Jnivers 1.	ns – How do your team's actions (including strategy, tactics, and group processes) take DEI concepts into? xplain: al questions to consider for each process/tactic you discuss: Could specific groups of patients, families, employees, or others be affected differently by (process/tactic) ?

the Health Equity Integration Project (HEIP) at Children's Mercy Kansas City.

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Team



Worksheet for including EDI in clinical work

- **1. Understanding yourself** What insight do you have into your own cultural perspectives and preferences/biases? How might these affect your interactions with others? How can you learn more?
- 2. Understanding your patient population & communities What insight do you have into your patient population, including their cultural backgrounds, communication preferences, health traditions, social circumstances, and perceptions of you and your practice? Do you collect information on language preference, race and ethnicity, or other social characteristics? Why or why not? How can you learn more?
- **3. Understanding your clinical environment** How does health equity relate to your everyday clinical care? How is your practice set up to account for the diversity of patients you see? In what ways do you or could you automatically include an EDI or health equity perspective in your clinical encounters? How can you learn more?

Worksheet for including EDI in	your work
Record below your thoughts about h might apply to your work as a clinici	now the terms and characteristics listed in the checklist an.
	lo you have into your own cultural perspectives and tt your interactions with others? How can you learn more?
Thoughts:	
population, including their cultural backgro circumstances, and perceptions of you and	& communities – What insight do you have into your patient unds, communication preferences, health traditions, social your practice? Do you collect information on language preference, race s? Why or why not? How can you learn more?
Fhoughts:	
your practice set up to account for the dive	nt – How does health equity relate to your everyday clinical care? How is rsity of patients you see? In what ways do you or could you ty perspective in your clinical encounters? How can you learn more?
Thoughts:	
Questions? Not sure how to best use this t Equity Integration Project (HEIP) at Childrer	cool? Please contact JC Cowden (jdcowden@cmh.edu) with the Health of's Mercy Kansas City.
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Education Universal Question



Request to Present

Gap Analysis Form

Approval











Vetted for applicability to learning needs



Universal Questions added to form



When we assess the learning needs for this education activity, we want to regularly think about how diversity and inclusion, disparities, and social determinants of health might relate to the learning gap(s). Which of these factors listed below might play a role in the gap or the learning outcomes for this activity?

the differences among the patients, families, and communities we serve; we think of diversity very broadly, including characteristics like age, gender, language, race/ethnicity, income, geography, religion, cultural background, job position and many others. Inclusion refers to how well we include these different perspectives in our work.	
□ Yes □ No	
Disparities - When we say disparities, we are talking about the differences in how care is given to certain groups of patients an families, as well as differences in their health outcomes.	d
□ Yes □ No	
Social determinants of health - When we say social determinants of health, we are talking about the many social factors, suc as where we live, where we work, how much money we have, what communities we are part of, and many others, that directly mpact our health.	า
□ Yes □ No	



Education HEI Outcomes



Process: Used for >200 gap analyses per year (steady state)

?'s now incorporated into 3-yr needs assessment

Impact: Growth in activities:

Accessibility template for all e-learning



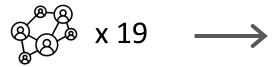
Strategic Planning EDI Checklist



Strategy Teams

Tactic Proposal Process

Final Plan







Standard expectations for creating and reporting to leadership



SP EDI Checklist

used by all teams

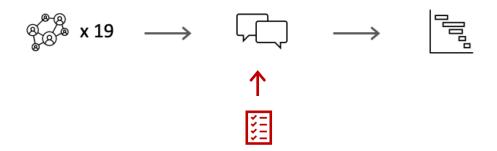


Children's Mer	Team:
Diversity, Equity, and In	clusion (DEI) Checklist
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Review these concepts that sh	ould be considered while discussing your team's work.
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	ics of diversity known to contribute to disparities in opportunity, our communities and our workplaces. These include:
	come, neighborhood/ZIP code, disability, gender identity, sexual language preference, literacy, religion, immigrant status, ners.
STEP 3. Ask at every turn	, 🥯
	s, information gathering, and tactics, explore how concepts and S 1 $\&$ 2 relate to the questions your team is addressing.
STEP 4. Keep track of yo	ur thoughts
Please use the worksheet or to each step of your process	the next page to record how the concepts above do or don't apply .
r any derivative works, in any medium as long as (1) pro	t is the restablishes will finish below, the suppright halder grants the right is adapt, range, convey and/or reddictibute supsis of this work, oper attribution is made to The Children's Marcel Hangdist, and GD proper notice of copyright is affixed. An parmission is granted to use momental purposes, the harder works must be distributed under these same candidoes.

Work	sheet for including equity, diversity, and inclusion in strategy team work
	record your group's thoughts about how the terms and characteristics listed in the ist might apply to each step in your strategic process:
1. Focus	s areas – How do you decide what to focus on and how is it affected by EDI concepts?
Please 6	explain:
	mation gathering – How have you considered diversity and inclusion when gathering information? Is 's voice missing? What data do you need to include all perspectives?
Please e	explain:
3. Strate	egy and tactics – How do your proposed tactics take EDI concepts into account?
	egy and tactics – How do your proposed tactics take EDI concepts into account? explain:
Please 6	explain:
Please e	questions to consider for each process/tactic you discuss:
Please e	explain:
Please e Sample 1.	questions to consider for each process/tactic you discuss: Could specific groups of patients, families, employees, or others be affected differently by
Sample 1. 2.	questions to consider for each process/tactic you discuss: Could specific groups of patients, families, employees, or others be affected differently by
Sample 1. 2. 3.	questions to consider for each process/tactic you discuss: Could specific groups of patients, families, employees, or others be affected differently by (process/tactic) ? If so, who is affected differently and how?
Sample 1. 2. 3.	questions to consider for each process/tactic you discuss: Could specific groups of patients, families, employees, or others be affected differently by (process/tactic) ? If so, who is affected differently and how? What questions will help you find and understand these differences?



Strategic Planning HEI Outcomes



Process: Used by all teams

Reports included EDI implications for all tactics

Impact: Final plan included multiple EDI considerations

Team leaders reported impact and ongoing use



More HEI Stories

HEI in GME – Johns Hopkins All Children's

HEI in pediatric research – Colorado Children's





HEIPR Collaborative (4 children's research centers)

Health Equity Integration in Pediatric Research

