

How many of you are involved in healthy equity work right now?

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What, if anything, is stopping you from contributing to discussions in the space of health equity in healthcare or from contributing and advocating more? "Asian and Hispanic patients hospitalized with acute cardiovascular disease, pneumonia, and major surgery had significantly higher rates of hospital-acquired infections when compared to white non-Hispanic patients."

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"49.1% of limited English proficient patient adverse events involved some physical harm whereas only 29.5% of adverse events for patients who speak English resulted in physical harm."

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"At safety net hospitals, homeless adults hospitalized for acute myocardial infarction were less likely to receive coronary angiogram, percutaneous coronary intervention, and coronary artery bypass graft compared with non-homeless adults."

"The disparities between hospitalassociated infection rates at safety net and non-safety net hospitals neither improved nor worsened after the HACRP and HVBP were implemented."

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Key Terms	
Clinical Pathways / Care Bundles	
Health Disparities	
Health Equity	
Cultural Competency	
Social Determinants of Health (SDoH)	
Equity vs. Equality	

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-AHRQ, 2022 National Healthcare Quality and Disparities Report















 CHILDREN AND CLABSIS

 Location
 Tertiary children's hospitals in the US
 Tertiary children's hospitals in the US

 Timeframe
 2016-2021
 Tertiary children's hospitals in the US

 Population
 226,802 children, < 18, admitted to ED or inpatient that had a CVC placed</td>







WHY DIDN T EVIDENCE BASED PRACTICES ACHIEVE EQUITABLE PREVENTION OF CLABSIS?

Throughout the study period, CLABSI rate decreased over time for children of White and Black race, however, throughout the study period, both Black and Hispanic children had consistently higher CLABSI rates compared with White children. The rate of CLABSIs in Black and Hispanic children in the first quarter of 2021 was higher than the rate in White children in 2016.

No statistical evidence that the disparity gap reduced from 2016-2021.

The underlying factors **likely** involve social determinants of health and systemic discrimination, as well as intrinsic and extrinsic biases within the healthcare system.



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These findings emphasize the need for future exploration of the causes of persistent racial and ethnic disparities in pediatric patients.

	HAIS & RACE/ETHNICITY	
Location	US Hospitals, randomly selected all-payer hospital discharges	Bakultan A. Metensky ML, Wang Y, Bidnige N. Eckernood S. Pandoff MM, Javer L. Galuraka II. Avy E. Pacela and ethnic departies in healthcare accounted infections in the United States, 2009 2011. Infect Control Hosp Epidemic. 2014 2014 2013 Suppl 4:3016 doi: 10.1086/677827. PMID: 2022/2018. https://pubmid.neb.kim.nlh.an/PDI222084.
Timeframe	January 2009 – December 2011	
Population	79,019 patients, > 18, discharged patients for acute cardiovascular disease, pneumonia, and major surgery	=





LANGUAGE BARRIERS ??

- VAP rates were h ghest among at risk pat ents for al rac alfethn c groups except Nat ve Hawa an/Pact c Is ander and other or which CAUT rates were h ghest As an and H span c pat ents had the h ghest rates of deve op ng at east I HA dur ng ther hosp to a stay at 3 8% and 3 3% respective y After ad using for base ne patient character st c and comorb d t es Hispan c and As an pat ents had h gher rates o HA s compared to non Hispan c white pat ents while B ack patients had s ght y h gher rates but not stat st ad y sgin c and As an pat ents had a greater risk of HA s compared to B ack patients which ds ginty n gheer rates both groups have h gher nomes and educational attainment than B acks however Hispan c and As and no Hispan c whites

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This study shows higher risk-adjusted national HAI rates in Hispanic and Asian patients suggests that language barriers may play an important role in the occurrence of HAIs. Poor communication between healthcare providers and patients could result in increased HAI rates, either directly or indirectly.

HOMELESSNESS AND DRUG USE MRSA				
Location	Medical Center in the NE, urban safety net hospital	Leibler JH, Liebschutz JM, Keoslan J, Stewart C, Monteiro J, Woodraff A, Stein MD. Horneisenees, Personal Hgeine and MKS-Natal Clopinization among Persons Who Injeet Drugs. J Urban Health. 2019 Gct:96(5):747-84. doi: 10.1007/s1524-019- 00379-9. FMID: 31493182; PMCD: PMC6814663.		
Timeframe	October 2016 – April 2018	http://s.kmed.nbl.nim.nih.stv/31499182/		
Population	78 participants, Recent injection drug use (at least 3 days out of the week prior to hospital admission), spoken English language proficiency, the ability to return to medical center for follow-up, at least two additional contacts with valid phone numbers, and no known upcoming prison sentence or planned move from the region.			







Need to consider community needs and high-risk populations when conducting the facility infection prevention risk assessment.

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POTENTIAL ACTIONS		
Culturally Competent Care	Patient Education	Enhanced Data Queries
 Diversity, Equity, and Inclusion Programs Professional Organization Resources 	 Standardized Education Utilizing Patient and Family Advisory Group Education in preferred language Patient empowerment "Conversation, not a lecture" 	Example of using data to identify inequities: HOLDESS genery examples (proznact, procedure, neurostro) • Personage breakdown by race of formale patients who and the second second second second second second extension; • Phyroange of patients with additistal Phe-Surgery MayA class prior to MpRose replacement, by 20° cols. DUCTOM Examples • Durate the second second second second second second • Enholden the second second second second second • Enholden the second second second second second second • Enholden the second second second second second second • Enholden the second sec



How many of you feel like you know enough right now to contribute to discussions in the space of health equity?

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KEY TAKEAWAYS

Clinical Pathways/ Care Bundles are not enough to equitably eliminate all preventable hospital-associated infections. Infection Preventionists need to be knowledgeable about health Equity and SDOH.We are apart of that important work. Facility IP Risk Assessments and Plans should assess and address unique patient populations and challenges.

CLABSI, CAUTI, C.diff, MDRO, SSI, and other prevention work should include a review of SDOH data.

Performance an i<u>nequity mitigation assessment o</u>n existing and new process improvement efforts and action plans. Still a research gap "The sources of these disparities are complex, are rooted in historic and contemporary inequities, and involve many participants at several levels, including health systems, their administrative and bureaucratic processes, utilization managers, healthcare professionals, and patients."

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