



Redesign of
Cardiovascular Health
care Delivery:
Integrating the Tenets of
Diversity, Humanism and
Health Equity to Improve
Outcomes

Agenda

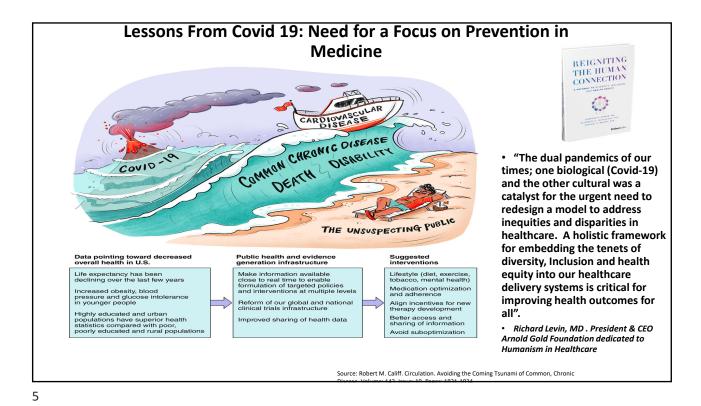
The Why for an Expanded model of Health care Delivery

At the conclusion of this presentation participants should be able to recognize

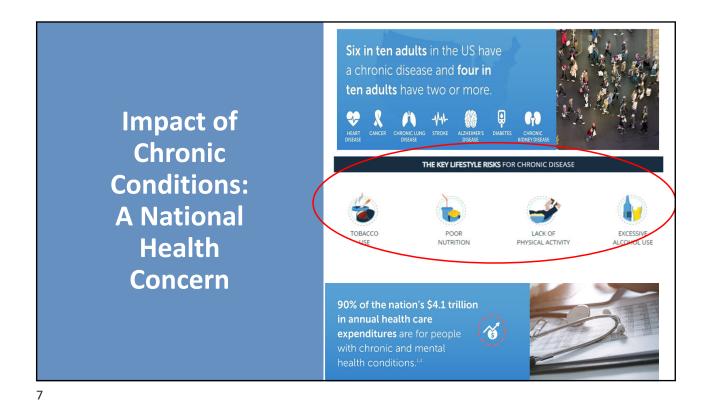
- The connection between determinants of health and adherence to a CV treatment plan
- The need for a redesign of the health care delivery with the model of the patient as a partner in improving CV health outcomes
- The importance of integrating the components of cultural awareness, health literacy, humanism and preferred language into the treatment plan for the patient with CV disease
- A Framework for DEI: -Northwell Health's approach to Diversity and Health Equity

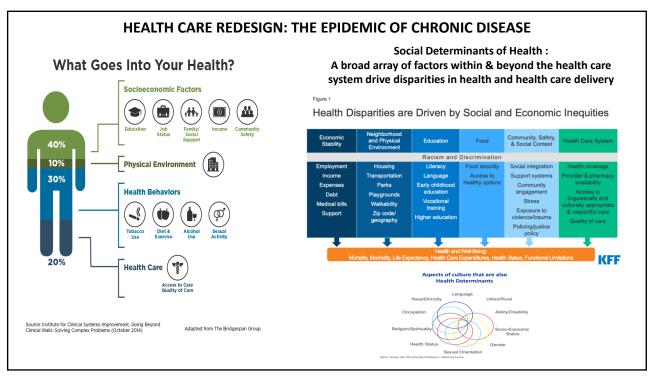
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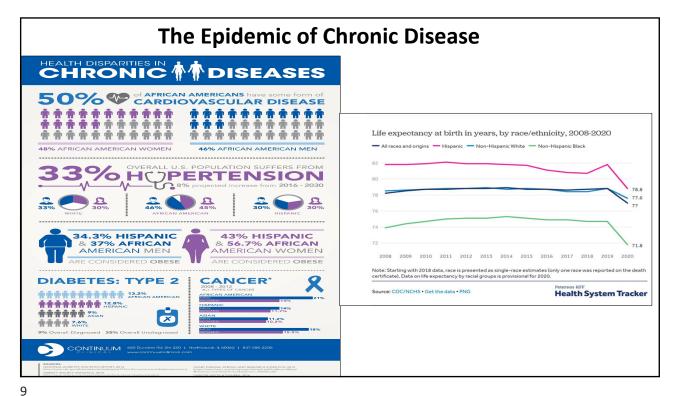
# The Evidence to Support an Expanded model of Health Care Delivery

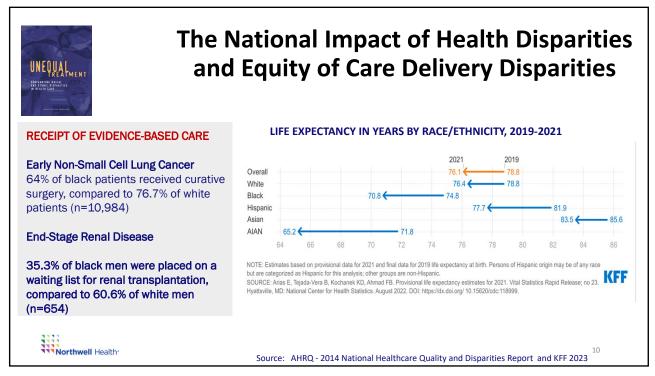


A New Health System for the 21st Century: The Epidemic of Chronic Disease **Domains of Healthcare Quality** CROSSING (THE QUALITY (HASM Ø S 0 PATIENT-**EFFICIENT EFFECTIVE** SAFE **TIMELY EQUITABLE** CENTERED Improving Quality and Safety in Care 1) Provide care based on scientific knowledge to all who can benefit 2) Eliminate waste including ideas, equipment, supplies & 3) Avoid injuries to patients 4) Reduce waits & delays for those receiving & providing care 5) Provide care that is respectful & responsive to individual patient needs & preferences Provide consistent quality of care regardless of characteristics like gender, age, ethnicity, location or SES









#### 21st Century Healthcare

An Expanded Approach to Health Care Delivery to deal with the epidemic of chronic diseases

Call to action for a focus on Health Equity and Patient Centered Care-: Integration of the Determinants of Health

Expanded model of Health Care Delivery to include the tenets of Diversity, Equity, & Inclusion

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### The Why for Addressing Health Disparities: The Business Case for Health Equity

- · Health disparities are costly and there would be a positive economic impact if health equity is better implemented
- · It has been estimated by the Institute of Healthcare Improvement, that health inequities cost the United States \$83 billion, and this is anticipated to grow to \$300 billion by the year 2050

economic impact of shortened life spans untapped productivity

due to health disparities

MILLION associated with

projected economic

gain per year if health disparities eliminated by 2050

https://altarum.org/sites/default/files/uploaded-publication-files/WKKellogg\_Business-Case-Racial-Equity\_National-Report\_2018.pdf

https://cmelearning.com/resources/the-case-for-health-equity/#busines

https://www.astho.org/Programs/Health-Equity/Economic-Case-Issue-Brief/ https://link.springer.com/article/10.1007/s11606-016-3604-7 https://www.commonwealthfund.org/blog/2021/any-medicare-solvency-effort-must-include-a

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Health Equity: A human right that allows everyone to achieve the best attainable health and outcomes, by overcoming all avoidable barriers.

Health Disparities: Adverse health outcomes and/or health status that is attributable to systemic, avoidable, and unjust societal factors, structural practices, including racism.

Health Inequities: Systemic, avoidable, and often unjust societal factors, structural practices, including racism that create barriers to opportunity and result in avoidable adverse health status and outcomes.

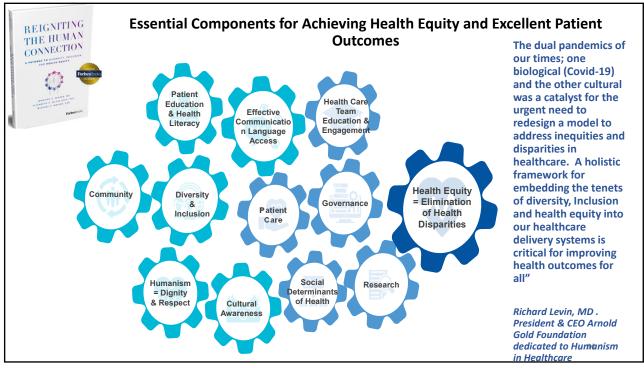
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Visualizing Health Equity



Health equity ensures that all people have full and equal access to opportunities that enable them to lead healthy lives regardless of their background.

Source: RWJFoundation



## Importance of Cultural and Linguistic Competence in Medication and Lifestyle Adherence

45-year-old Alaskan man with a 10-year history of <u>uncontrolled</u> Type 2 diabetes and HTN

#### Vital Signs:

- BP: 145/90 mmHg
- Waist circumference: 38"
- BMI: 28.3 kg/m<sup>2</sup>

#### **Social History:**

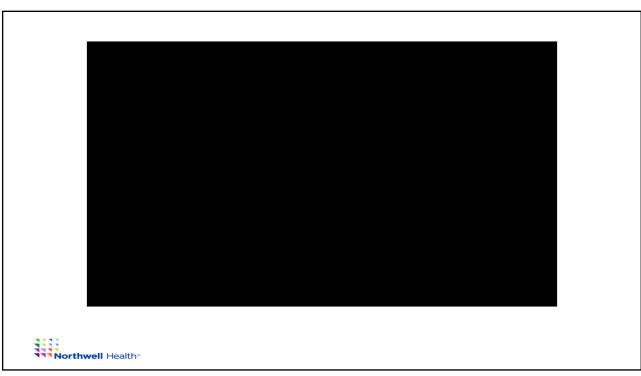
- Lives in rural Alaska with a wife and 2 kids
- Nearest clinic is over 50 miles away
- · High school diploma

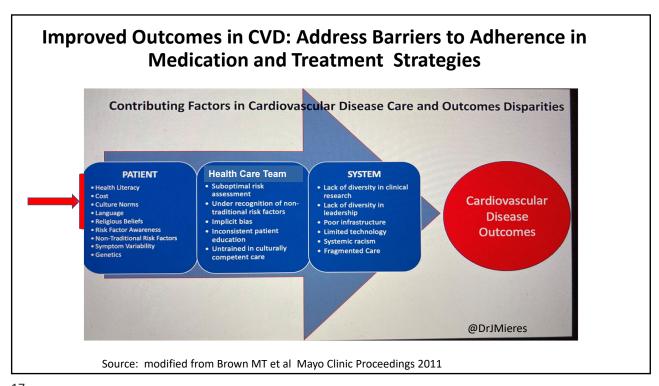


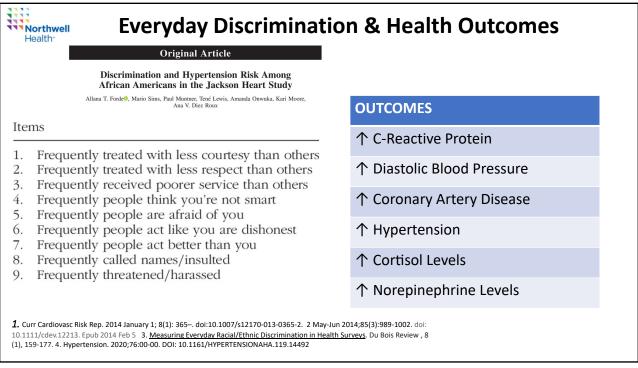


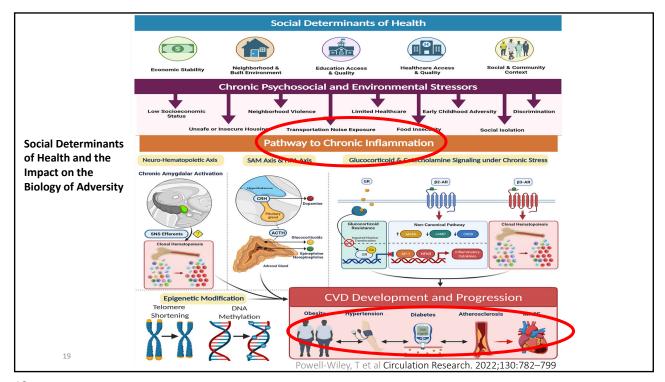
Source: http://rxfilm.org/

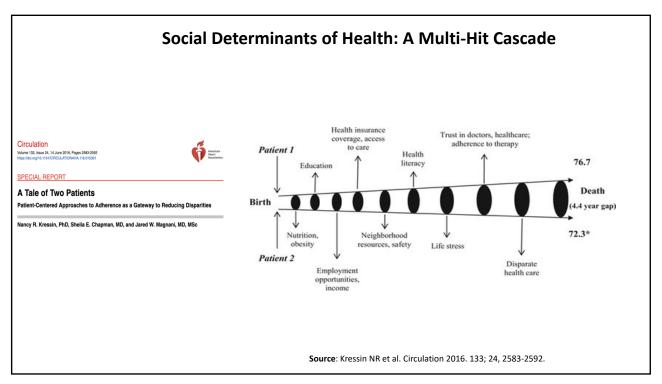
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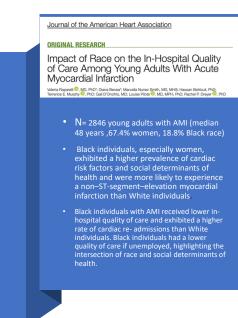












	White (N=2312)	Black (N=534)	P Value
n-hospital QCS tertiles			
≤63%	706 (34.7)	194 (40.8)	0.003
64-80%	751 (36.9)	181 (38.1)	
>80%	577 (28.4)	100 (21.1)	
n-hospital quality indicators			
Young adults with STEMI			
Any reperfusion therapy	1030 (86.3)	178 (84.8)	0.56
Door-to-balloon exceed benchmark	414 (46.2)	65 (43.1)	0.48
Door-to-needle exceed benchmark	54 (50.5)	7 (70.0)	0.24
Young adults with NSTEMI			
Any reperfusion therapy	786 (74.9)	254 (82.7)	0.07
All young adults with AMI			
Stress test in conservatively treated individuals	14 (0.6)	2 (0.4)	0.52
Echocardiogram predischarge	1551 (67.3)	393 (73.9)	0.003
Cardiac rehabilitation counseling	1139 (49.3)	181 (33.9)	<0.0001
Smoking cessation counseling	1547 (66.9)	346 (64.8)	0.35
Diet counseling	2120 (91.7)	487 (91.2)	0.71
Aspirin at discharge	2164 (93.6)	495 (92.7)	0.45
P2Y12 receptor antagonist at discharge	1620 (70.1)	351 (65.7)	0.05
DAPT at discharge	1554 (67.2)	334 62.6)	0.04
Statins at discharge	2127 (92.0)	495 (92.7)	0.59
Beta-blockers at discharge	2117 (91.6)	476 (89.1)	0.08

score; and STEMI, ST-segment-elevation myocardial infarction.

Source: Raparelli V et al. J Am Heart Assoc .2021 Sep 7; 10 (17)

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# Mortality Rates 2008 to 2018 : Race and Ethnicity AGE-ADJUSTED TOTAL CVD MORTALITY RATES by Race/Ethnicity Black adults are 32% more likely to die from CVD ■ 2008 **■** 2018 Age-adjusted total CVD mortality rates per 100,000 people by race and ethnicity in 2008 and

Source: Virani SS et al. Circulation. Heart Disease and Stroke Statistics—2021 Update, Volume: 143, and Raparelli V et al. J Am Heart

Impact of Race on the In-Hospital Quality of Care **Among Young Adults With Acute Myocardial** 

#### New: Clinical Perspective:

Infarction

- · Black individuals with acute myocardial infarction received lower in-hospital quality of care and exhibited a higher rate of cardiac readmission than White individuals did.
- Black individuals had a lower quality of care if unemployed, highlighting the intersection of race and social determinants of health.

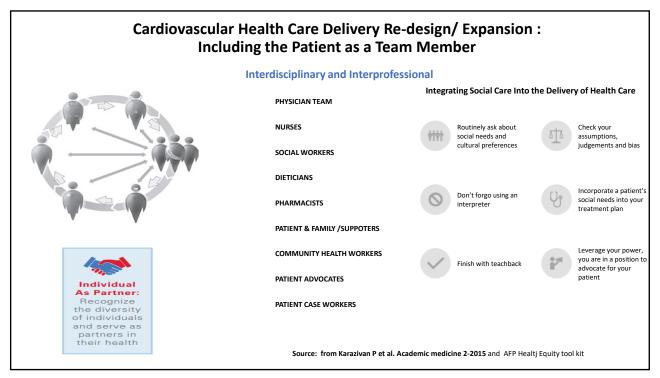
#### **Clinical Implications**

- · Suboptimal in-hospital quality of acute myocardial infarction care is of immediate concern among young Black individuals, especially Black women.
- Beyond addressing traditional cardiovascular risk factors, social interventions such as facilitation of employment might mitigate racial disparities in the quality of acute myocardial infarction care and improve cardiovascular outcomes in young Black adults

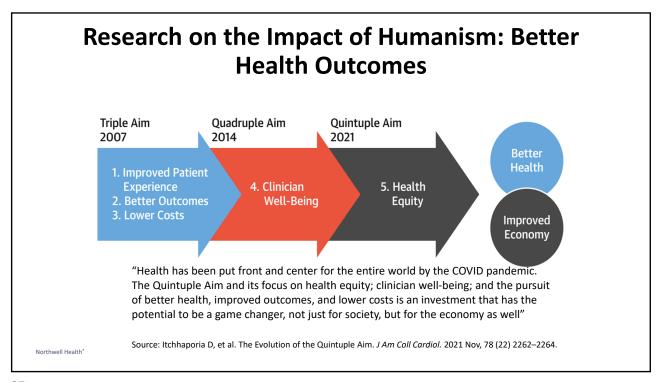
CV Health Care Delivery Redesign to include Diversity, Equity and Inclusion: The Patient as a partner

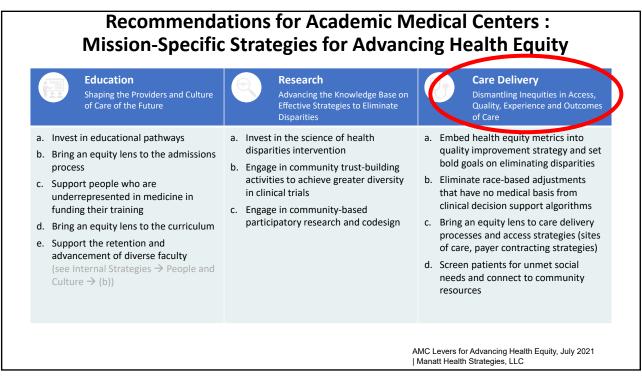
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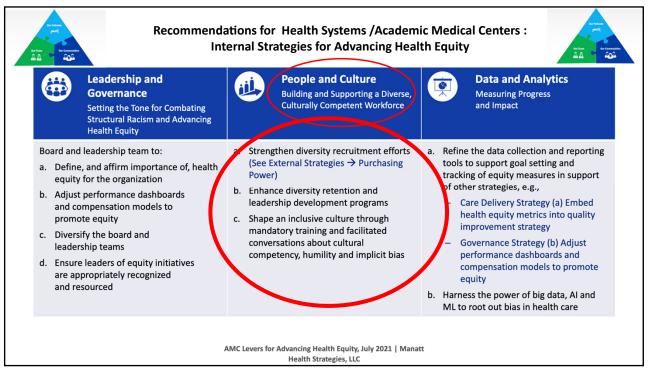
#### **Health care delivery Redesign:** The Patient-as-Partner Approach in Health Care A patient is an individual to be cared for, not a medical condition to be treated. Our patients are our partners and have knowledge that is essential to their care. Patient-Family Centered Partnership Care is the core of a high-quality healthcare system and a necessary foundation for safe, effective, Patient-centered approaches partner timely and equitable care 80% of a population's well being: quality of life factors and social determinants of health 20% of health and well being: actions in health care Source: Karazivan P et al. Academic medicine 2-2015)

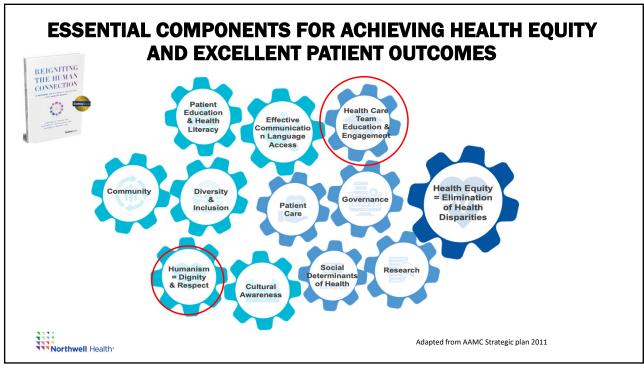


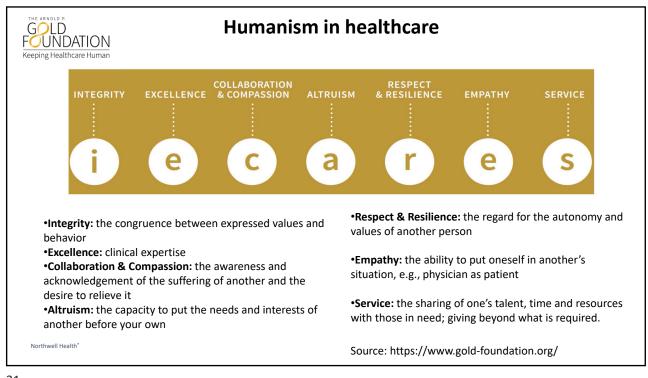






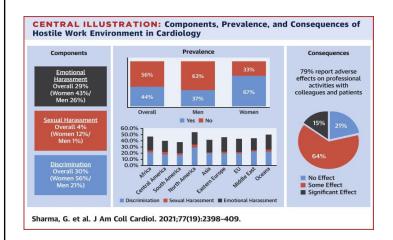








## Evidence to Support the 2022 ACC Health Policy Statement on Building Respect, Civility and Inclusion in the Cardiovascular Workplace



Hostile CV Work Environments Are Common Across the Globe

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Uncivil behavior is common

**Prevalence:** Reported by 25-75% of cardiologists, regardless of race/ethnicity, sex or country

**Impact:** Negatively affects targets, patient care & healthcare organizations

Adverse effects on individuals, teams, institutions and patients

Risks: Legal, regulatory, funding, wellbeing

#### Building a culture of respect requires:

Institutional leadership, resources, policies

Individual education and upstander practice

Continuous improvement/culture change

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# ACC Health Policy Statement on Building Respect, Civility and Inclusion in the Cardiovascular Workplace

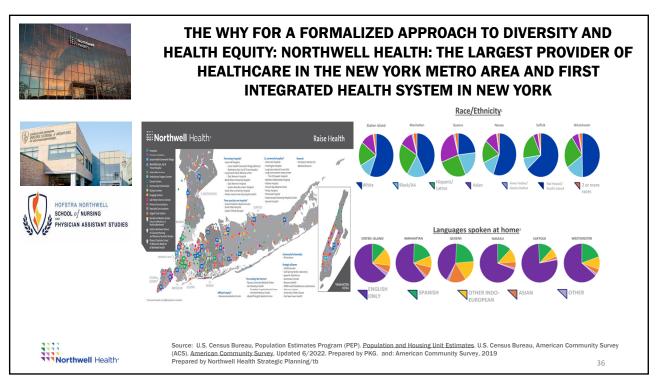


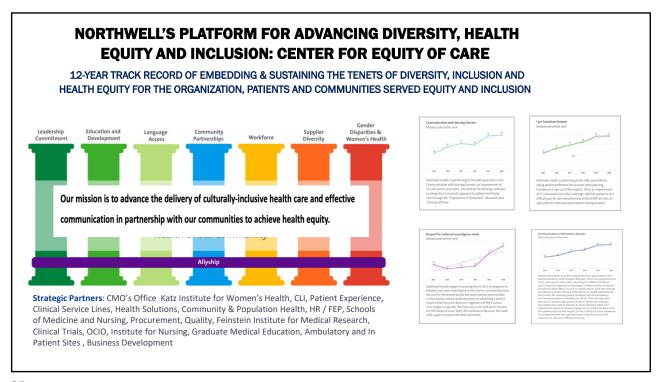
- BDBH is common, harmful and must be addressed with intention, transparency and consistency
- Cardiovascular organizations and individuals are responsible for ensuring a safe, supportive, and respectful workplace environment
- Leadership commitment is key to success of efforts to
  - Promote civility, diversity, equity and inclusion as system values
  - Create a resourced, dedicated anti-BDBH structure and operations
  - Raise BDBH awareness; provide anti-BDBH education
  - Assure accountability by charging individuals, upstanders, and leaders to modify behaviors and perform objective evaluations
  - · Insure confidential, protected reporting for targets

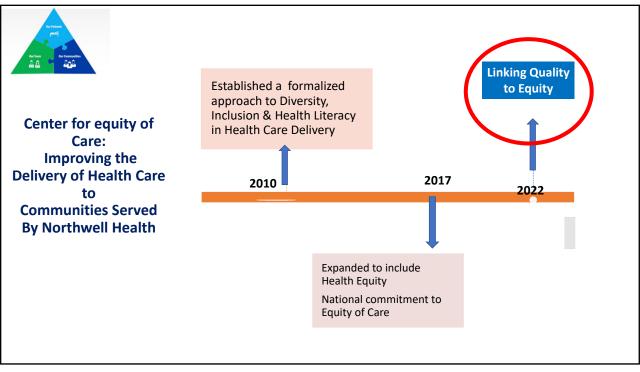
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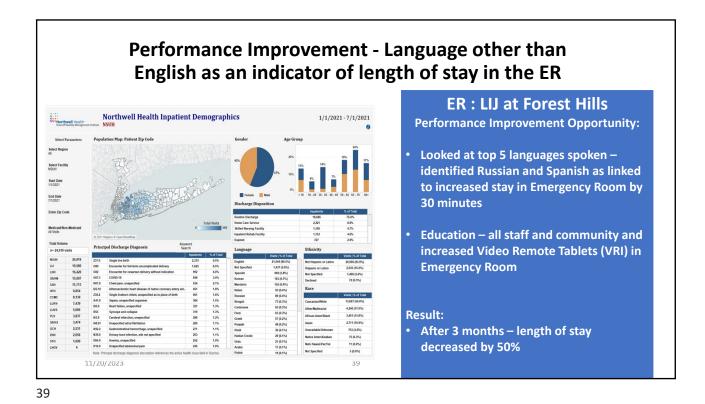
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NORTHWELL'S APPROACH TO RAISING HEALTH FOR ALL: EQUITY, DIVERSITY, INCLUSION, AND BELONGING - ADVANCING HEALTH EQUITY









**Developing a Culture of Health Equity Shared Decision Making and Advancing Health Equity at the Bedside** UNDERSTAND PATIENT'S COMMUNITIES **Culture** LEARN HOW SDOH WORK elp your patient explore & compare treatment options. of ADDRESS IMPLICIT BIAS Assess your patient's values and preferences. Health **Equity** EMPOWERED HEALTH CARE TEAM Reach a decision with your patient. evaluate your patient's decision. IMPROVE HEALTH LITERACY **LANGUAGE ACCESS** 

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Source: adapted from AAFP's SDOH toolkit. www. Aafp.org/EveryOne



Essential Roles & Concrete Actions: Providers can play essential Roles and enact concrete Actions to put the Principles into practice.



**PROVIDER ROLE** 

**Provide Whole-Person Care to Achieve Health Equity** 

Achieving equity and excellence is grounded in the ability of individuals to access and receive the full range of affordable care they need and experience being treated with dignity and respect.

**Action 1** 

Actively promote and facilitate access to care for all in ways that accommodate diverse life circumstances and needs.

Action 2

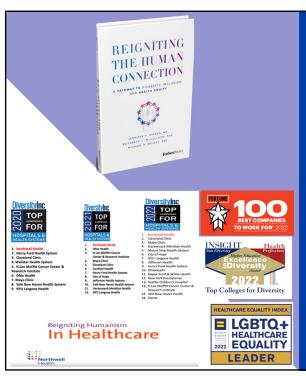
Establish and sustain a trusting environment where everyone feels they are welcomed and treated with dignity and respect.

**Action 3** 

Provide hollstic, effective, fight-quality care responsive to plans co-created with individuals, families, and caregivers.

Source: RWJFoundation

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## THANK YOU!

We are at a landmark moment and critical juncture in US healthcare. The health disparities unmasked by COVID-19 made it abundantly clear that when we do not take care of everyone in our society, all of society suffers. It is a hard-earned lesson that must forever reshape our traditional healthcare delivery model and catapult a muchneeded redesign aimed at ensuring equitable care for all. As demonstrated by the dedication shown by our healthcare professionals during the pandemic, human connections will be instrumental in rebuilding trust within communities that bore the brunt of the pain and suffering."

Michael J Dowling, President CEO Northwell Health

Reigniting Humanism in Health care: https://youtu.be/J91WTDTK5qg