

## Global Summit on International Breast Health and Cancer Control:

Improving Breast Health Care through Resource-Stratified Phased Implementation

## **Breast Cancer in Underserved Communities** in the U.S.

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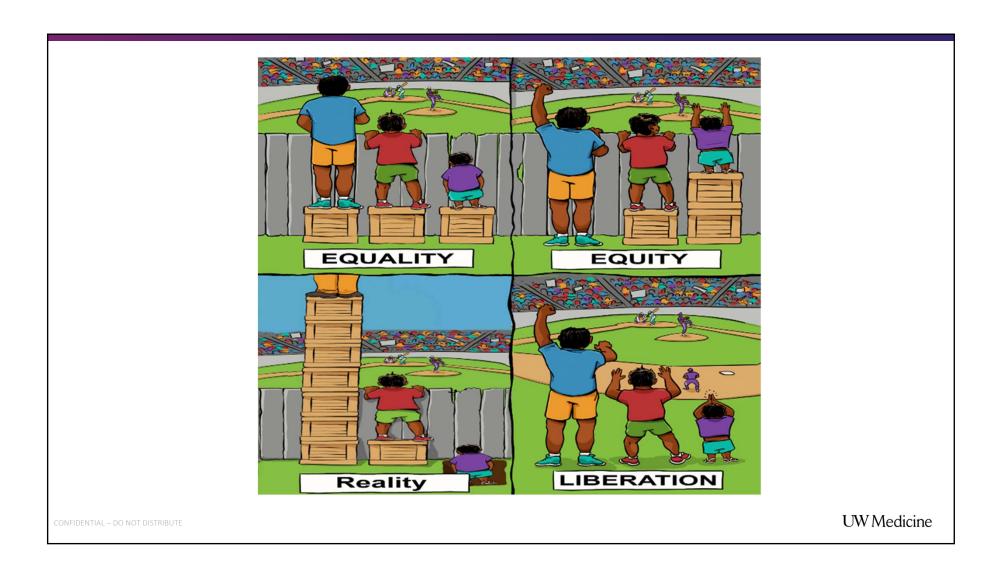




## Mission

To improve the health of the public

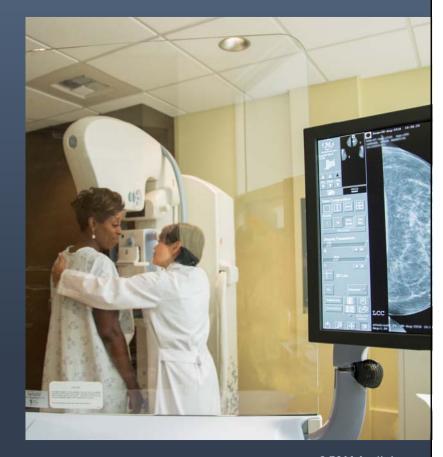




## Breast Cancer United States

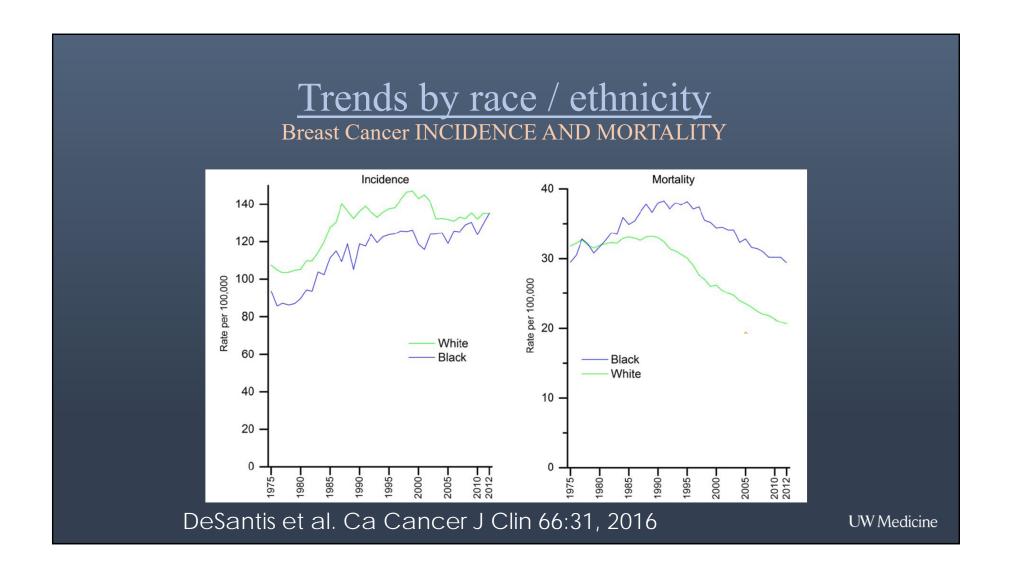
Most common form of cancer among women

- Second most common cause of cancer deaths in women – second to lung cancer
- 2. White women have historically had higher incidents rates than black women in 2012 the rates converged
- Breast cancer survival rates have increased for both black & white women
- 4. Survival rates remain 10% lower among black women, compared to their white counterparts



**UW** Medicine

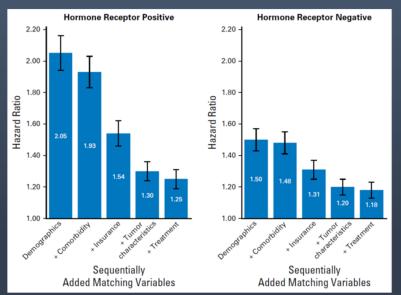
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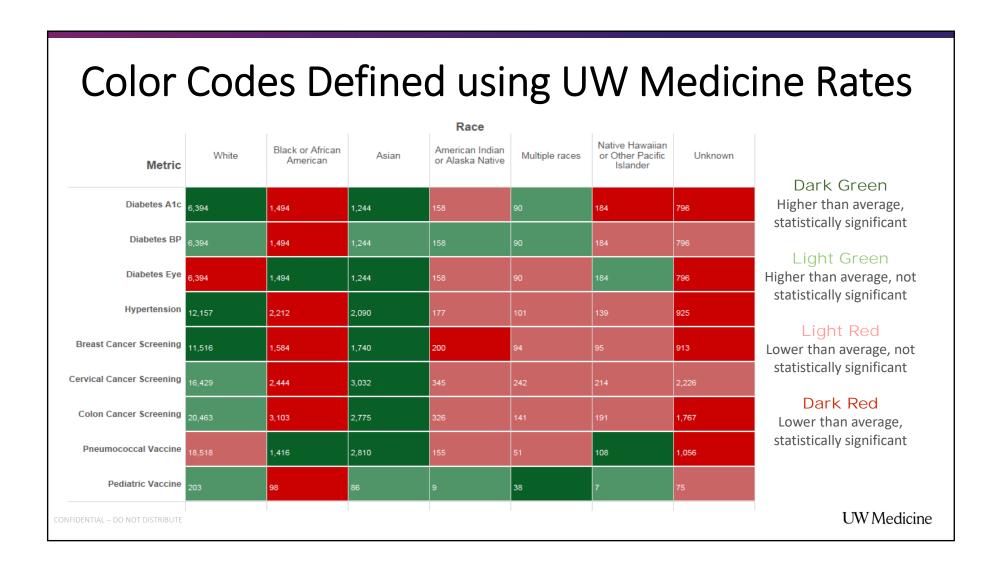
### Trends by race / ethnicity

Excess Death Among Black Women AGE 18 – 64

- Insurance differences accounted for one-third of the excess risk of death in black women.
- Improved access to care could substantially reduce ethnic/racial disparities in overall breast cancer mortality.



Jemal et al. J Clin Oncol 36:14, 2018



### Data

UW Medicine PCPs treated ≈ 250K people

Anonymized Clinics by Code

#### Measures

- A1c controlled: A1c ≤ 9 (patients with diabetes)
- BP controlled: < 140/90 (patients with diabetes)
- Eyes screened: (last 2 years patients with diabetes)
- Breast cancer screening (last 5 years)
- Colon cancer screening (last 10 years scope last year FIT)
- Cervical Cancer (last 2 years)



### Disparity Index (DI) Defined

How often a quality measure doesn't get
$$\frac{done \text{ in the minority group}}{\text{How often a quality measure doesn't get}}$$

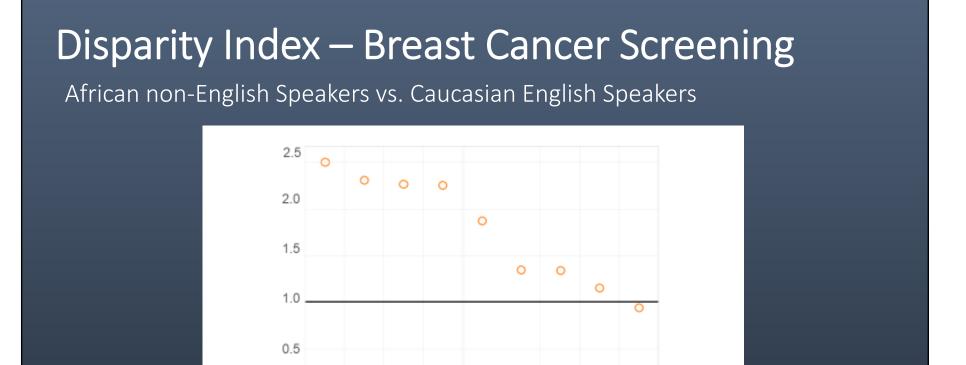
$$\frac{done \text{ in the majority group}}{done \text{ in the majority group}}$$

#### Example

- Good glucose control is <u>not happening</u> in 33% of African American patients
- Good glucose control is <u>not happening</u> in 26% of Caucasian American patients

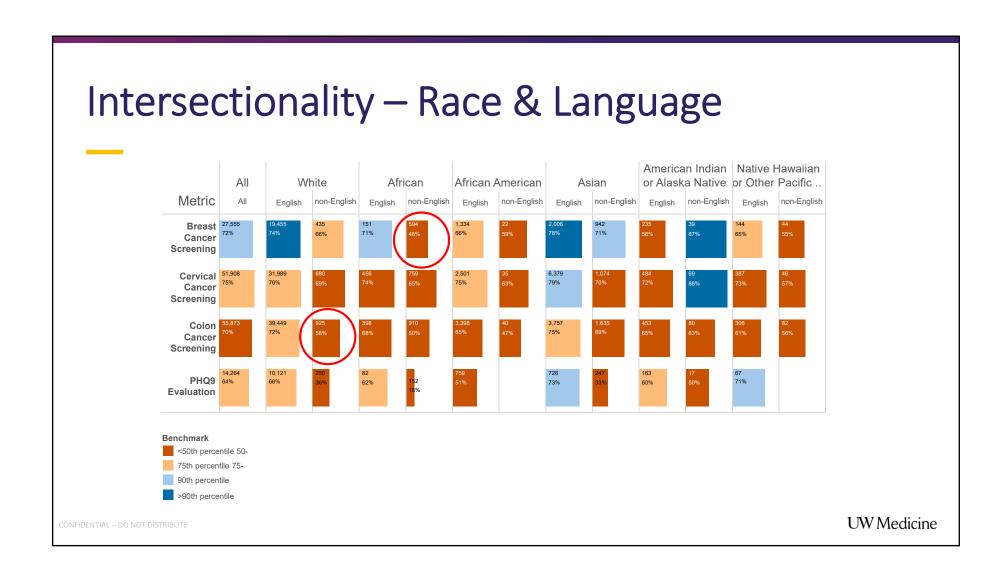
#### Calculation Example

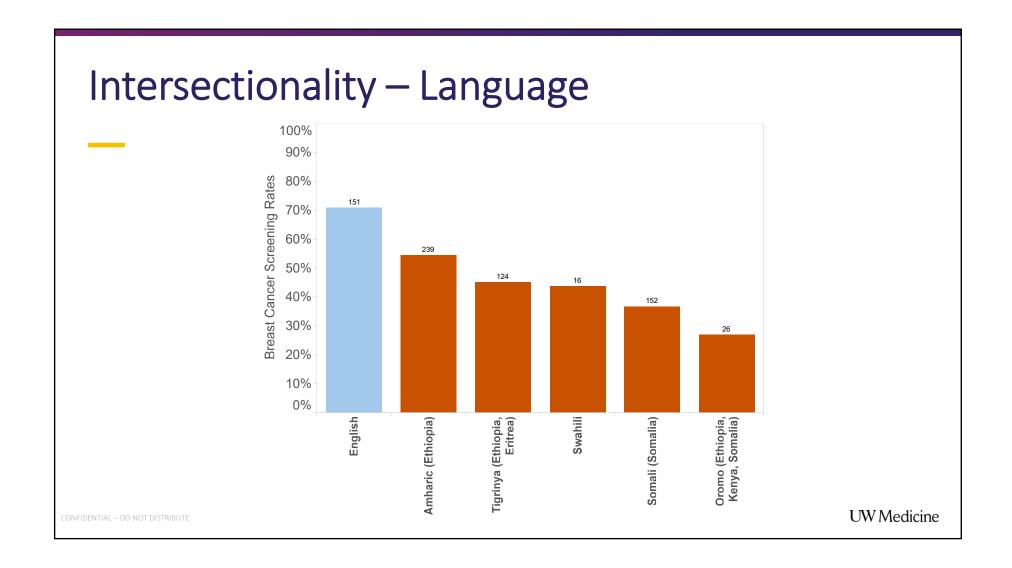
DI > 1 means a disparity in care exists

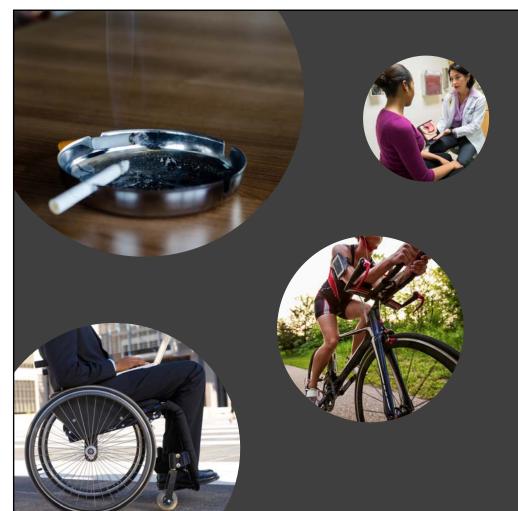


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# Elements of Health Disparities

- Social determinants, individual behaviors, beliefs
- Biological elements and genetics
- Physical and cultural environmental factors
- Clinical events and healthcare



## Biological Elements & Genetics

#### African American Women

- Have higher incidence of "triple negative" breast cancer & high-grade cancers
- Are diagnosed at younger ages
- Stage-for-stage, have lower survival when controlling for comorbidities, ER & HER2 status
- Have a significant frequency of BRCA mutations – yet are tested almost 50% less often





# Clinical Events and Healthcare

- Black women are diagnosed with cancer are more advanced stage
- Access to screening and treatment
- Insurance coverage
- Institutional racism
- Distrust of healthcare institutions
- Differential treatments
- Poor communication
- Utilization of shared decision making











### Strategies

Proactively measure and address disparities

- RACE data
- Disparity index
- Monitor performance measures

Standardized treatment pathways/protocols

- BRCA testing
- Treatment protocols

Provider training in effective communication and cultural humility

- · Training in unconscious bias and cultural humility
- Intentional review of institutional processes and procedures
- Training in understanding and mitigating poor health literacy
- Understanding of intersections of healthcare and race/ethnicity

### References

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  https://www.unmc.edu/aboutus/strategicplanning/conference/2018/slides-perez-stable.pdf
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