

Grand Round Anesthesia Discussion on Black Maternal Mortality & Trending Doctorate Capstone Projects

California Association of Nurse Anesthetists
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Objectives

- 01**
The learner will identify review statistics regarding racial disparity in Maternal Mortality
- 02**
Discuss Black maternal mortality, COVID-19 racism in Black maternal mortality, racial disparities in nurse anesthesia workforce
- 03**
Describe evolution of DNP or DNAP nurse anesthesia programs and diversity Describe systemic racism on Black maternal health
- 04**
Describe different types of DNP or DNAP capstone projects with range of anesthesia related diverse topics
- 05**
List the workforce diversity disparity in anesthesia subspecialties

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BLACK MATERNAL HEALTHCARE

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Nurse Anesthesia & Obstetric Anesthesia

What are we taught in the classroom?

- Spinal Anesthesia and Epidural Anesthesia
- Anatomic and Physiologic Changes During Normal Pregnancy Labor and Delivery
- Analgesia for Labor and Vaginal Delivery
- Anesthesia for Cesarean Section
- Complications of Regional Anesthesia
- Obstetric Complications:
 - Amniotic Fluid Embolism
 - Obesity
 - Postpartum Hemorrhage
 - Preeclampsia
 - Placenta Previa
 - Placenta Abruption

What's Missing?

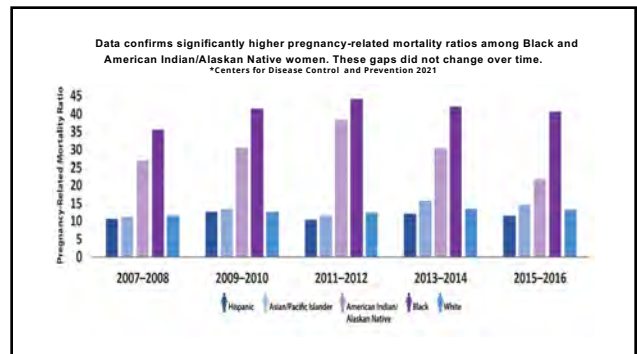
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FIRST... LET'S REVIEW THE STATISTICS OF RACIAL DISPARITIES IN MATERNAL MORTALITY

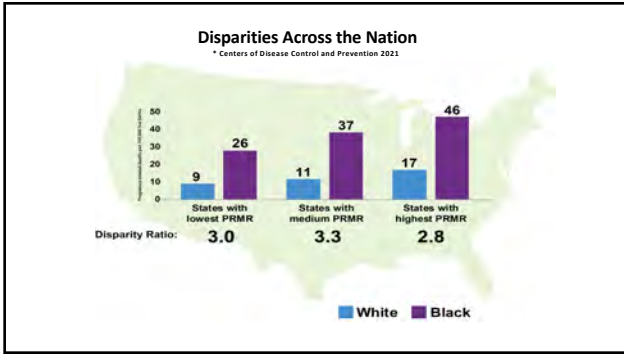
*ACCORDING TO THE 2021 CENTERS FOR DISEASE CONTROL & PREVENTION WEBSITE

- 700 WOMEN DIE EACH YEAR IN THE US DUE TO PREGNANCY RELATED DEATH OR COMPLICATIONS**
- BLACK & AMERICAN INDIAN/ALASKAN NATIVE WOMEN ARE 2 TO 3X MORE LIKELY TO DIE DURING BIRTH THAN WHITE WOMEN**
- PREGNANCY RELATED MORTALITY RATES (PRMR) FROM EACH STATE WERE HIGHEST FOR BLACK WOMEN**
- RACIAL BIAS FROM HEALTH CARE PROFESSIONALS IMPACT CARE AND OUTCOMES**

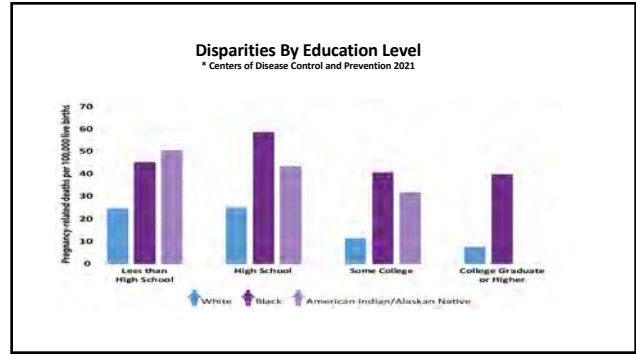
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NOW... LET'S SEE THE IMPACT OF COVID-19 ON BLACK MATERNAL MORTALITY

- ASK QUESTIONS ABOUT VACCINATION STATUS FROM PATIENTS OR INFO VIA CHART... HAVE YOU BEEN VACCINATED FOR COVID-19?
- PREGNANT WOMEN WITH COVID-19 MIGHT BE AT INCREASED RISK FOR OTHER POOR OUTCOMES RELATED TO PREGNANCY, SUCH AS PRETERM BIRTH.
- HEALTH DEPARTMENTS REPORT INFORMATION ON CASES OF COVID-19 TO CDC, INCLUDING PREGNANCY STATUS.

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Defining Health Disparities by Healthy People 2020

Health disparities adversely affect groups of people who have systematically experienced greater social or economic obstacles to health based on their racial or ethnic group, religion, socioeconomic status, gender, age, or mental health; cognitive, sensory, or physical disability; sexual orientation or gender identity; geographic location; or other characteristics historically linked to discrimination or exclusion.

Increasing diverse healthcare providers is key to eliminating health disparities

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What is Health Equity?

It is the principle underlying a commitment to reduce—and, ultimately, eliminate—disparities in health and in its determinants, including social determinants. Pursuing health equity means striving for the highest possible standard of health for all people and giving special attention to the needs of those at greatest risk of poor health, based on social conditions.

And, how do you reduce it...well, you can increase the number of CRNAs of color in the delivery of anesthesia

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Two high profile cases Black Maternal Mortality, racial biases & outcomes

- Serena Williams, international ranked tennis player
History of blood clots prior to pregnancy
- Dr. Chaniece Wallace, MD (pediatrician) died after 2 days post-partum from pre-eclampsia and cesarean section

What is discussed in grand rounds at your institutions? Black maternal mortality?

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Impact of Racism in Black Maternal Health

*American Journal of Public Health October 2019

- Origin of structural racism in delivery of maternal care during slavery era
- Insurance companies hired doctors to examine enslaved Black women. White physicians experimented on Black women in medical schools
- Many obstetrical innovative surgical procedures were conducted experimentally on enslaved Black women...let's talk about 'Lucy'



Medical Apartheid: The Dark History of Medical Experimentation on Black Americans from Colonial Times to the Present

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Time for CRNAs to be in front of legislatures

- Black Maternal Health Week April 11/17th
- The White House issued for the 1st time a presidential proclamation on Black Maternal Health
- In the 116th Congress: Two Congresswomen founded Black Maternal Health Caucus



Happy #BlackMaternalHealthWeek! As the co-chair and co-founder of the @BMMHCaucus, I'm so excited to spend this week in recognition of the leadership of Black maternal health champions working to save lives, end disparities, and achieve true equity and justice for all. #68-6823



BLACK WOMEN'S MATERNAL HEALTH

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57,000 CRNAs... CRNA WORKFORCE DISPARITIES

AANA 2019 PROFILE SURVEY

- DIVERSE CRNAs REPRESENT 11% AS AN AGGREGATE
- AGGREGATE NUMBER ACCORDING TO THE AANA PROFILE 2019
 - 2.0% AA/BLACK
 - 3.0% HISPANIC
 - 3.0% ASIAN / PACIFIC IS
 - 0.7% AMER. NATIVE INDIAN
- AANA PROFILE SURVEY


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124 Nurse Anesthesia Programs

- Majority of Predominantly White Institutions: 116 Nurse Anesthesia Programs
- Hispanic Serving Institutions: 8 Nurse Anesthesia Programs
- Historically Black Colleges & Universities: 0 (None) Nurse Anesthesia Programs



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In the Clinical Setting & The Feels...

This is how it feels when a Black nurse anesthesia student arriving at a new clinical site and seeing that one Black CRNA for guidance and solidarity in the journey.

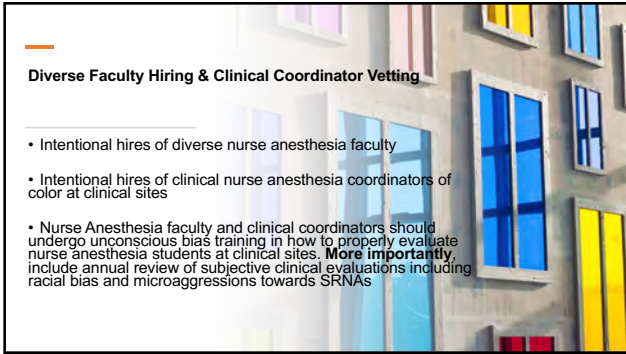
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The Solution?

We know that in order to increase a diverse CRNA workforce, we must increase the number of nurse anesthesia students...but, realize there is a problem in reaching that desired goal that has existed for DECADES...



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Diverse Faculty Hiring & Clinical Coordinator Vetting

- Intentional hires of diverse nurse anesthesia faculty
- Intentional hires of clinical nurse anesthesia coordinators of color at clinical sites
- Nurse Anesthesia faculty and clinical coordinators should undergo unconscious bias training in how to properly evaluate nurse anesthesia students at clinical sites. **More importantly**, include annual review of subjective clinical evaluations including racial bias and microaggressions towards SRNAs