

How to teach Health Disparities in a Family Medicine Residency: A Resident-Led Interactive Approach

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WSU Family Medicine and Public Health Research Day



Background

- Health Disparity is difference in health outcomes between populations
- Health = Genetics + Medicine + Social Determinants of Health (SDOH)
- Family Medicine residents encounter SDOH daily
- ACGME and CLER*: conduct training according to the needs of the community
- Investments from affected parties
- Interactive Didactics work better



*Accreditation committee for Graduate Medical Education and Clinic Learning Environmental Review

Objectives

- Design, implement and review a Health Disparities Curriculum
- Address comfort and confidence screening for and discussing SDOH
- Community Health Needs Assessment- what it is, how to use
- Improve definitions, topical knowledge, and comfort
- Hands-on, skillset focused, interactive didactics



Methods

- Pre-intervention resident survey
 - Can residents define Health Disparities?
 - How much do residents value SDOH?
 - 10 item Health Equity Quiz
 - Residents rate comfort and knowledge discussing SDOH
- Curriculum Design
 - Hospital Community Health Needs Assessment (CHNA)
 - Unnatural Causes: How Inequality is Making us Sick
 - Wayne State University DFMPH



Number of residents (n=16)

16
14
12
10
8
6
4
2
0

Pre-assessment survey data

Health Disparities (HD) is one of the top 5 issues in medicine

Residents who felt very knowledgeable about HD

Residents who felt very comfortable discussing HD with peers

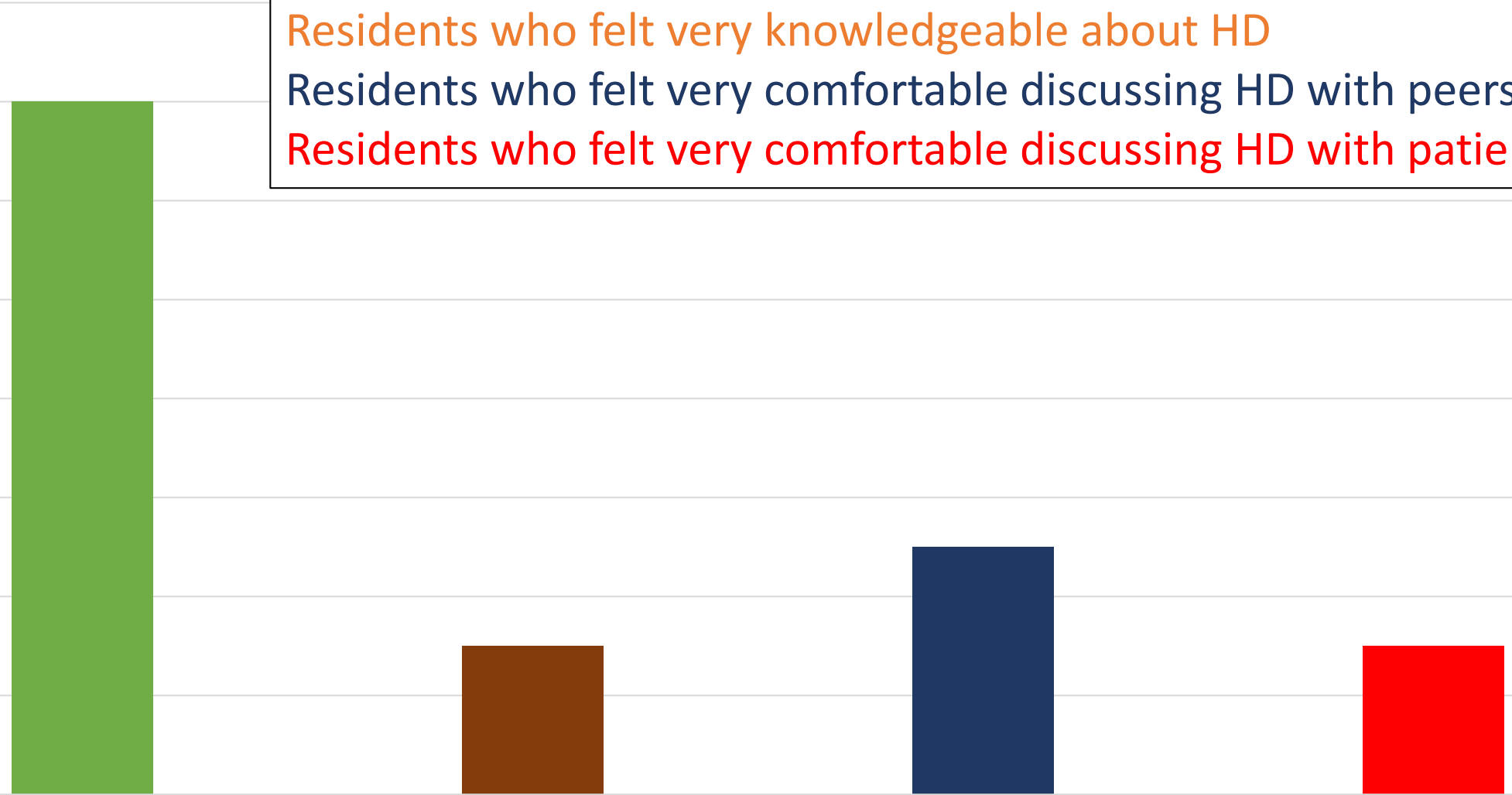
Residents who felt very comfortable discussing HD with patients

Top Issues

Very knowledgeable

Very comfortable peers

Very comfortable patients



#	Topic	Presentation	Interactive Discussion
1	What are Health Disparities?	In Sickness and In Wealth- Unnatural Causes	Pre-intervention Survey
2	Community Health Needs Assessment	Angela Delpup RN, Ascension Rochester Hospital Community Outreach	Mapping Community Assets
3	CHNA 1: Heart Disease	Sex Discrimination in Cardiovascular Stress Test Ordering	Implicit Bias Assessment
4	CHNA 2: Diabetes	The Price of Medications	How Much Does That Drug Cost?
5	CHNA 3: Mental Health and Wellness	Depression and Aging- Susan Simpson, MSW Virtual Presentation- Older Persons Commission	Practice SDOH Screening
6	Medical Mistrust and Racism	The History of Medical Mistrust and Racism Rhonda Dailey, MD	Personal Anecdotes from Participants/Active Listening
7	Transgender Health Disparities	Transgender Health Care Delivery for the Primary Care Physician- Jessica Heselschwerdt, MD	Post-Survey and Discussion
8	Implicit Bias	Implicit Bias in Primary Care Rhonda Dailey, MD	Small Group Discussions
9	Infant Mortality	When the Bough Breaks- Unnatural Causes	Local Infant Mortality Programs
10	Health and Wealth	Not Just a Paycheck- Unnatural Causes	Privilege Walk

Discussion

1. Bias Exists in Healthcare and Residency
2. Residents want Answers!
3. Community Investment is Powerful
4. Start in Medical School
5. Expand to all specialties and programs



Public Health Implications

Healthy People 2020 SDOH

1. Economic Stability (Underlying Theme)
2. Education (Ongoing Didactics)
3. Social and Community Context (CHNA)
4. Health and Health Care (Screen for SDOH)
5. Neighborhood and Built Environment (Take it home)

