

The Importance of Content Diversity in Dermatological Practices

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Introduction

- Lack of content diversity taught in American medical schools can impact patients health
- Dermatology is no exception since research indicates that most textbooks lack diversity in their content.
 - Non-inclusive training for future dermatologists
 - Insufficient research to treat diverse bodies of patients.
- In the Dermatologist field:
 - 64%- White
 - 18%- Asian
 - 9%- Hispanic or Latino
 - 4%- Black or African American



Research Question

- How does the lack of diverse images in textbooks impact how dermatologist effectively treat diverse patients?

Thesis Statement

- The lack of diversity provided in the content leads to a higher likelihood of delayed diagnosis or misdiagnosis regarding skin conditions.

Terminology

- Inclusive training - refers to dermatologic textbooks
- Health disparities - racial gap and rates of health in various components

Methodology

- During my research, scholarly article and journals were found through Duke Library and Google Scholar.
- The primary disciplines examined were Dermatology, Sociology, Internal Medicine, and Health Disparities.

Analysis of Data and Finding

Misdiagnosis

- Different skin condition appearances

Psoriasis

- Purple hues bumpy skin vs. red hues with dry, flaky skin



Vitiligo

- White or lightened patches on skin



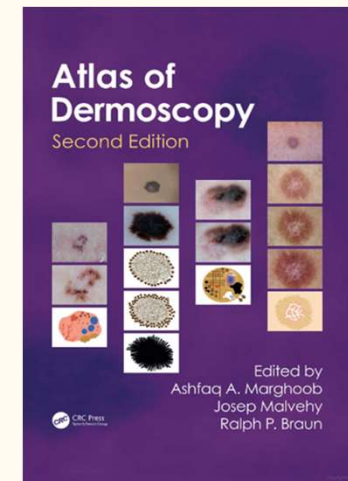
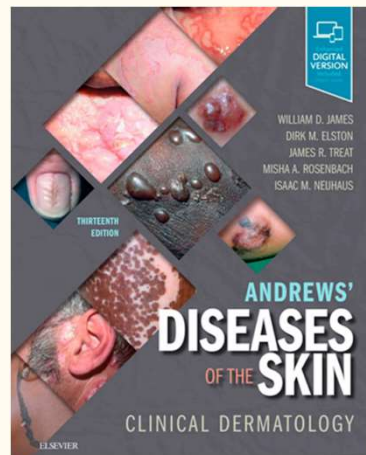
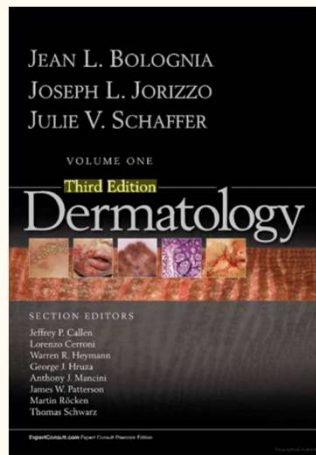
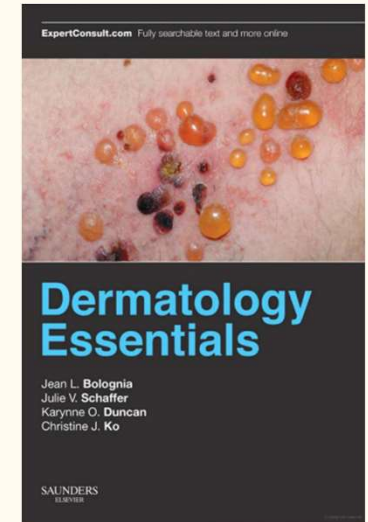
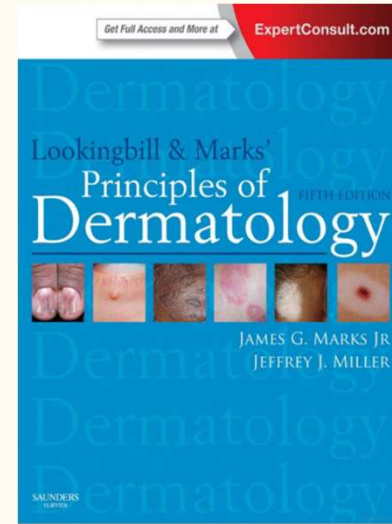
Eczema

- Reddish hues vs. brown, violet, or ash grey hues



Textbook content

- Lack of diverse skin tones
- Examples:
 - Psoriasis
 - Vitiligo
 - Eczema
- Stigmas within textbook pictures



Patient outcomes

- Treatment Biases
 - Black and Latino children are less likely to receive fewer bacteria diagnosis than white children
 - Women of color are less likely to be asked about their family history of breast cancer
 - Skin cancer for individuals with a darker skin tone is deadlier from delay of diagnosis

Limitations

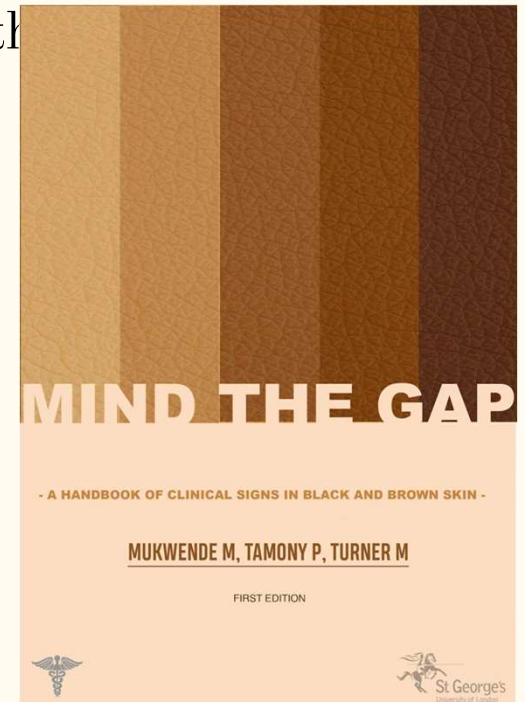
- Limited access to dermatological textbooks
- This study does not explore the impact of these images in other medical disciplines.

Suggested Future Research

- Bring Awareness
 - Educating
 - Inclusion
 - Faculty Recruitment

Malone Mukwende

- A medical student in London who decided to create his own handbook for physicians about skin conditions with the black and brown community.



Q&A