Common Childhood Rashes From a Black Lives Matter Perspective

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Disclosures

The presenters have no conflicts of interest to disclose.

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Objectives

By the end of this workshop, participants will be able to:

- Understand existing health disparities in the diagnosis, treatment and long term management of common childhood rashes on darker skin tones
- Identify 6 common childhood rashes in darker skin tones as defined by the Fitzpatrick Scale, Type IV-VI
- Collaborate with peers to practice using appropriate descriptors when discussing childhood rashes on darker skin tones
- Examine the way in which Family Medicine Physicians can address health disparities through more inclusive visuals in medical didactics
- Create a list of actionable steps and resources to improve diagnostic knowledge and treatment access for patients with darker skin tones

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- 1. Existing health disparities
- 2. Review of common language used to describe skin rashes
- 3. Breakout groups
- 4. Large group teach-back
- 5. Diagnosis and treatment review
- 6. Resources
- 7. Audience questions

"How Medical Education is Missing the Bull's-eye"

"Moving through the world as a black woman, I am accustomed to not being represented as "the norm." Everything from the hue of the Band-Aids that cover my wounds to the heroes in the movies I watch makes me acutely aware of my deviation from what is typical and expected: I am black and female, whereas the world represented around me is often white and male. For me and for many members of minority groups in the United States, the realization does not come as an epiphany but is instead an essential fact that we must come to understand to navigate the world in which we live."



- Lastiyra Noteri N Engl J Med 2020; 382:2489-24

Image from lashyranolen.com

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"How Medical Education is Missing the Bull's-eye"

"A hallmark of stage 1 Lyme disease is a bull's eye rash, erythema migrans, which typically appears 3 days after infection... Behind him was an image from the [CDC] of a prominent red bull's eye rash on white skin."

"How do you recognize this rash in patients with darker skin?"

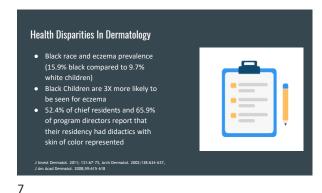
"Stage 1 Lyme disease is hard to see in patients who are not white, so therefore we don't depend on rash recognition for diagnosis"

"One study of patients with Lyme disease found that there was a higher proportion of diagnoses of arthritis (late stage Lyme disease) and lower proportion of diagnoses of erythema migram among black patients than among white patients"

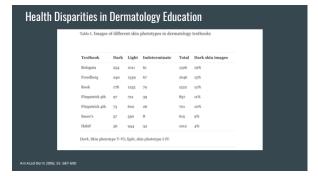


Erythema Migrans on Skin of Different

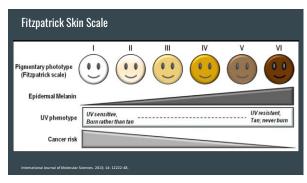
N Engl J Med 2020; 382:2489-249

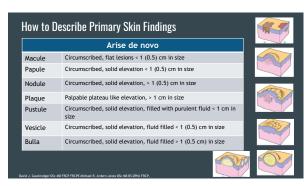


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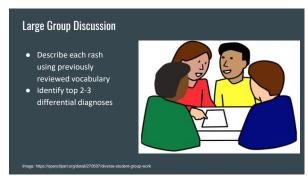
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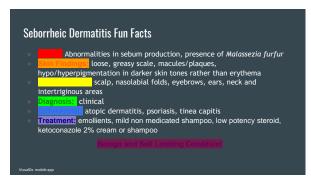


Modification of primary lesion		
Atrophy	Loss of epidermis, dermis, or both, thin, translucent, wrinkled, easily visible blood vessels $$	
Crust	Dried exudate (blood, serum, pus) on skin surface	
Erosion	Break in epidermis with extension into dermis, heals without scarring	
Scale	Thickened, keratin layered skin, easily detachable fragmented	
Scar	Permanent fibrotic skin change due to tissue injury	
Ulcer	Circumscribed area of skin loss extending into the dermis, impairment in vascular supply	
Fissure	Split in epidermis, just barely extending into the dermis	

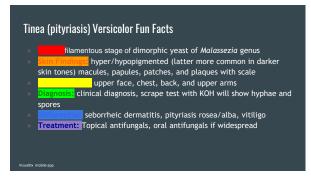








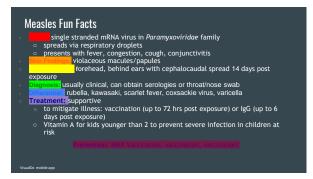


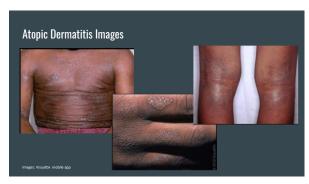


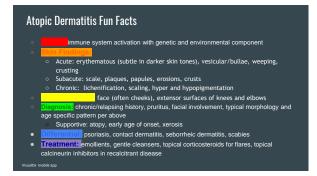


varicella zoster virus spreads via respiratory droplets and skin vesicles
spreads via respiratory droplets and skip vesicles
spiedus via respiratory droptets and skin vesicles
may present with fever and malaise
in Findings: vesiculopustular eruption, red/purple macules→ central
pules→ vesicles/pustules/crust
Everywhere!
agnosis: usually clinical, can also culture lesion or obtain serologies
constitution de la companya del companya del companya de la companya del companya de la companya del companya de la companya del companya del companya del companya de la companya de la companya del companya de
eatment: anti-histamines, calamine lotion, Tylenol, acyclovir if severe
ection/immunocompromised











Sca	bies Fun Facts
	Sarcoptes Scablei mites burrow within the epidermis spreads via skin to skin contact and rarely infected bedding, clothing, fomites
	Skin Findings: local to generalized pruritic, red-brown scaly papules/nodules/plaques in burrow formation
	web spaces of hands, flexor aspect of wrist, ankles, axillae, umbilicus, buttocks
	Diagnosis: clinical or skin scraping
	Differential dermatitis herpetiformis, bullous pemphigoid
	Treatment: permethrin and antihistamine for pruritus
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