Review of Nonmelanoma Skin Cancer in African-Americans, Hispanics, and Asians: Diagnostic pearls from a review on the risk factors and clinical presentations of squamous cell carcinoma and basal cell carcinoma in skin of color. Non-melanoma skin cancer in Hispanic and Asian populations is less studied, but distinct racial/ethnic presentations are reported.

**SQUAMOUS CELL CARCINOMA (SCC)**
- Most common cutaneous malignancy in AA persons
- 20-40% arise from areas of inflammation or scarring, including in conditions such as discoid lupus erythematosus (DLE)
- NOT commonly photo-distributed: Common areas include anogenital region & lower legs
- DON’T MISS: Erythema is NOT a common feature

**BASAL CELL CARCINOMA (BCC)**
- Risk factors: albinism, xeroderma pigmentosum, scars, ulcers, trauma, chronic infections, nevus sebaceous, arsenic ingestion, immunosuppression, radiation, but NOT photo-distributed
- Darker skin tone may be risk factor for metastasis (due to high conc. of skin transurocanic acid (photoreceptor that may cause photoimmune suppression)) → closer follow-up may be warranted
- DON’T MISS: Pigmentation occurs in >50% of tumors → can be mistaken for SK, MM, and nevus sebaceous (Figure 2)

**AFRICAN AMERICAN (AA)**
- Increased incidence of pigmented SCCs compared to Caucasians
- Hispanic men have the highest rate of penile SCC
- Increased incidence of pigmented SCCs compared to Caucasians (Figure 1)
- Reports of SCCs arising in DLE

**HISPANIC**
- Increased incidence of pigmented BCCs compared to Caucasians
- BCCs are 6x more common than SCCs in Hispanic persons

**ASIAN**
- Increased incidence of pigmented BCCs compared to Caucasians
- DON’T MISS: BCCs in Asian patients commonly have a characteristic “glossy brown or black appearance”


Creator: Hayley Braun, MPH, MS4; Twitter: @HayleyBraun7
Faculty Reviewers: Loren Krueger, MD; IG:drlkderm; loren.d.krueger@emory.edu; Travis W. Blalock, MD
Emory Dermatology IG: @EmoryDerm
Twitter: @EmoryDerm
Figure 1.

Citation: Dehghani F, Binesh F. Pigmented Squamous Cell Carcinoma of Skin: A Case Report. J Rare Dis Diagn Ther. 2015, 1:2

Copyright: © Under License of Creative Commons Attribution 3.0 License. This photograph was published in an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited. The original picture was cropped and enlarged.
Figure 2.