Educational Resources for Clinicians on Skin of Colour in Dermatology 2020

This list of educational resources was put together by the Skin Diversity Sub-Committee of the BAD in 2020. Although not exhaustive, we hope that this list is helpful for healthcare professionals looking to learn more about skin disease in skin of colour.

Skin of colour educational training resources for clinicians


Online resources and image galleries

6. Skin Deep Dermatology Resource - ‘Skin Deep is led by the international medical education team, Don’t Forget the Bubbles (DFTB) and the Royal London Hospital (RLH). The aim is to develop a free, open-access bank of high-quality photographs of medical conditions in a range of skin tones for use by both healthcare professionals and the public. The team behind Skin Deep hopes that with time, this will improve education and recognition of conditions in all skin tones, reducing inequalities and improving patient care by ensuring that all children receive a timely diagnosis regardless of their skin colour.’

7. The Centre of Evidence Based Dermatology (CEBD) Skin of Colour Resource, is comprehensive toolkit for skin of colour compiled by Dr Douglas Grindlay and Dr Sharon Belmo. It provides up to date evidence-based information including systematic reviews, review articles, guidelines, and patient information on topics of relevance to skin of colour.

8. Dermnet NZ ‘skin conditions in skin of colour’ is a collation of links to clinical information about a range of skin conditions affecting skin of colour.
9. **Brown Skin Matters** is a website set up by Ellen Buchanan Weiss to provide a resource of images for patients and clinicians of how skin conditions can present differently in people with darker skin tones.

10. Skin of Colour Society link to textbooks related to skin of colour.

**Articles highlighting the gaps in inclusivity and representation of skin of colour**

11. Reliance on erythema scores may mask severe atopic dermatitis in black children compared with their white counterparts


12. Skin assessment in dark pigmented skin: a challenge in pressure ulcer prevention

This article aims to shine a light on the difficulty of identifying pressure damage in non-white skin and the risks of not diagnosing a patient early. It provides guidance on the assessment of darkly pigmented skin for early signs of pressure damage.

13. Artificial Intelligence dermatology tool needs more diverse skin types in its training datasets

Artificial intelligence smartphone apps are being developed with the potential to help in diagnostics of skin conditions. This article highlights the low levels of dark skin images (<10%) in databases being used to train algorithms, with researcher’s reporting diagnostic accuracy levels of 17% for conditions in dark skin.

14. Classification of the Clinical Images for Benign and Malignant Cutaneous Tumors Using a Deep Learning Algorithm


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O E Dadzie Dermatology in practice 2016; 22(1): 12–13

**Training events**

17. The British Association of Dermatologists and the Skin Diversity Subcommittee also organise some training days on dermatology in skin of colour. These will be on the events page.

18. The Annual Skin of Colour Training Day - see the events page.

19. The Skin of Colour Society (USA) organises education events and training materials