Pigmentary demarcation lines: A normal variant of skin pigmentation

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Pigmentary demarcation lines (PDL), also known as Futcher lines or Voigt lines. Physiological (natural) abrupt transition lines from areas of deeper skin color to areas with lighter color. They present sharp demarcation lines that occur on different parts of the body. Considered as an ancestral remnant, where the back skin is pigmented more than the front, providing better protection from the sun. Eight pigmentary demarcation lines have been described and categorized according to the letters A-H. Three of them are facial patterns and the rest are body types. Pigmentary demarcation lines are very common non-pathological pigmentations in dark skin which is usually under diagnosed by dermatologists.

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Dermal fillers lip augmentation and volume restoration of the lower third within physiological occlusion and various facial profile types

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There have been a considerable number of studies and analyses dealing with variations of physiological occlusions, face profiles and soft tissues. Lip augmentation and lower-third face correction within variations of physiologic occlusion and different profiles were not studied. Three groups of patients were taken in the study: Group 1 patients with normal occlusion and straight profile (12 patients); a comparison group. Group 2 patients with normal occlusion and convex profile (6 patients) and Group 3 patients with normal occlusion and concave profile (7 patients). Methods used were photographic and profilometric. Therapy of aesthetic lip augmentation (HA fillers) and lower-third profile correction (HA fillers and calcium hydroxylapatite) of patients with physiological occlusion and different face profiles were done. This work shows step by step protocols for successful aesthetic lip augmentation and lower-third profile correction for patients with physiological occlusion and different profile types.

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