

the network



Dermoscopy Bulletin for Family Physicians

SPECIAL PATTERNS: PIGMENTED ACRAL LESIONS

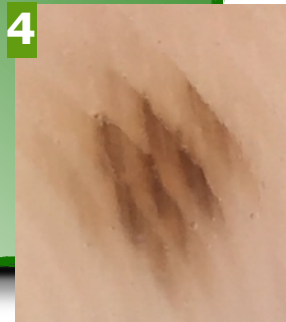
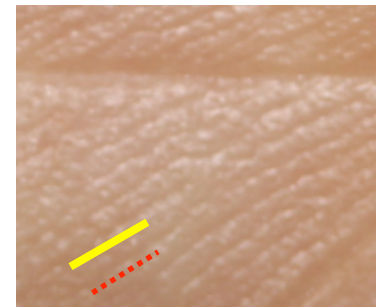
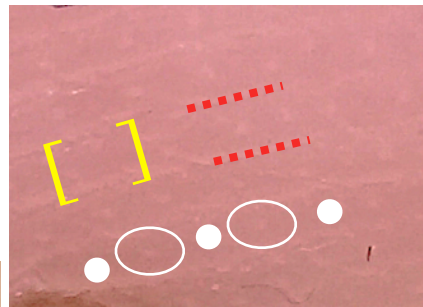
Pigmented lesions found on palmar/plantar surfaces exhibit a parallel pattern under dermoscopy. The rete ridges, designated crista limitans and crista intermedia, create **FURROWS** and **RIDGES** respectively. Furrows are narrow lines while ridges are thicker in width and contain centrally located, regularly spaced small **WHITE DOTS** representing eccrine ductal openings. Pigment found within the furrows is associated with benign nevi while that in the ridges, with melanoma. Glabrous and non-glabrous skin is separated by *Wallace Line*. Lesions on this juncture have atypical patterns with combined dermoscopic features of volar and nonvolar skin.

BENIGN PATTERNS:

Parallel furrow & variants

- | | |
|-----------------|------------------------|
| Single line (1) | Single dotted line (2) |
| Double line | Double dotted line (3) |
| Crista dotted | Peas in Pod |

- Fibrillar (4)
- Lattice-like (5)
- Globular
- Homogenous
- Reticular
- Globule-streak



MALIGNANT PATTERNS:

Parallel ridge

Homogenous diffuse irregular

(pigmented blotches throughout, polychromic)

Multicomponent

(irregular globules/dots, polychromic)

EXCEPTIONS:

Subcorneal Hemorrhage (6)

- Parallel ridge pattern
- Well demarcated border
- Blood spots
- Scraping removes pigment

Fibrillar Pattern on Palms

Wallace line junctional lesions

- Multicomponent pattern

