



Fig. S1. Clinical (*insets*), dermoscopy and confocal images from 5 cases. (A–C) Case 1 – upper arm. (A) Dermoscopy: irregularly distributed brown dots/globules and grey-to-brown asymmetrical pigmentation. (B) Individual reflectance confocal microscopy (RCM) image (0.5×0.5 mm): dendritic cells at the level of spinous-granular layer (*arrows*). (C) RCM mosaic image (1.5×1.5 mm) in the dermo-epidermal junction (DEJ): bright atypical keratinocytes surrounding polycyclic papillae (*arrows*). (D–F) Case 2 – inguinal area. (D) Dermoscopy: irregularly distributed brown dots/globules, grey-to-brown asymmetrical pigmentation, peripheral irregular streaks and scale. (E) Individual RCM image (0.5×0.5 mm): numerous dendritic cells at the level of spinous-granular layer (*arrows*). (F) RCM mosaic image (1.5×1.5 mm) on DEJ: multiple small bright-edged papillae (*arrows*) and vessels within superficial dermis. (G–I) Case 3 – cheek. (G) Dermoscopy: annular-granular pattern, grey-to-brown asymmetrical pigmentation, peripheral irregular streaks and scale. (H) Individual RCM image (0.5×0.5 mm): dendritic cells at the level of spinous layer (*arrows*). (I) Individual RCM image (0.5×0.5 mm) on DEJ: bright atypical keratinocytes surrounding polycyclic papillae (*arrows*). (J, K and L) Case 4 – cervical area. (J) Dermoscopy: irregularly distributed brown globules and grey-to-brown asymmetrical pigmentation. (K) Individual RCM image (0.5×0.5mm): dendritic cells at the level of spinous-granular layer (*arrows*). (L) RCM mosaic image (1.0×1.0 mm) at the DEJ: bright atypical keratinocytes surrounding polycyclic papillae (*arrows*). (M, N and O) Case 5 – eyebrow. (M) Dermoscopy: grey-to-brown asymmetrical pigmentation. (N) Individual RCM image (0.5×0.5mm): dendritic cells around the follicle at the level of spinous layer (*arrows*). (O) RCM mosaic image (0.75×0.75 mm) at the DEJ: bright atypical keratinocytes surrounding polycyclic papillae (*arrows*).