



DERMOSCOPY AND SKIN IMAGING

## DERMOSCPIC EVALUATION OF ACQUIRED UNILATERAL NEVOID TELANGIECTASIA: A CASE SERIES.

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**Introduction:** Acquired unilateral nevoid telangiectasia (AUNT) is characterised by presence of unilateral dermatomal distribution of telangiectasia. AUNT can develop at any age and has a female preponderance. Dermoscopy is a non-invasive technique which helps in studying features not visible to naked eyes, especially in pigmented and vascular lesions.

**Methods:** A total of four consecutive patients diagnosed on the basis of clinical history, physical examination and histopathology were included in the study. Dermoscopy was performed with the help of a USB 2.0 dermatoscope (Dinolite 413ZT;1.3 megapixel;20-220X). The images were recorded and assessed.

**Results:** The mean age was  $22 \pm 11$  years with M:F ratio of 1:1. The mean disease duration was  $7 \pm 3$  years. Histopathology was done for all the patients from the representative lesion and it consistently showed dilated capillaries in the upper and mid dermis. Dermoscopy at polarised mode revealed presence of extensively branched network of dilated capillaries over a background of brownish to reddish discolouration. On higher magnification same branched capillaries were either found to further dilate at their ends or curve upon themselves giving an appearance of a hook. The interspersed areas between the lesions were found to have brownish to yellowish discolouration with occasional dilated capillaries.

**Conclusion:** Dermoscopy of vascular malformation has come a long way. The unique dermoscopic features of AUNT help differentiate it from other differentials like angioma serpiginosum and port wine stain. Dermoscopy can appropriately be called as 'third eye of dermatologist'.

