



DERMOSCOPY AND SKIN IMAGING

## ANGIOKERATOMA CIRCUMSCRIPTUM NEVIFORME A RARE PRESENTATION.

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**Background:** Angiokeratomas are a relatively rare vascular lesions characterized by 2-5 mm papules or verrucous plaques, dark red to blue-black colored. Histological examination is the gold standard for diagnosis of angiokeratoma. Other differential diagnoses of angiokeratoma are melanocytic nevi, Spitz nevi, malignant melanomas, pigmented basal cell carcinoma, seborrheic keratosis, dermatofibromas, vascular lesions such as hemangiomas, and pyogenic granulomas. Traditional treatments for angiokeratoma include: surgical excision, shaving and cryotherapy, with excellent results. Laser is an option of treatment for extensive angiokeratomas, these options include pulsed dye laser, potassium titanyl phosphate laser, and neodymium-doped yttrium aluminum garnet, which have proved efficacy and could be suitable treatment options.

**Observation:** We present a case of a 19 year-old female came to our consultation with several, asymptomatic papulo-verrucous lesions of linear distribution that appeared 2 years before and continue appearing progressively. The lesions bleed to minimal trauma. Dermoscopy showed black lacunae and hemorrhagic crusts. A punch biopsy was taken with histologic report of compact hyperkeratosis with dilated vessels of thin wall. To rule out haemangiolymphangioma, immunohistochemical study to podoplanin was performed, reporting negative results. Angiokeratoma circumscriptum neviforme was diagnosed.

**Key message:** Angiokeratoma circumscriptum neviforme is the less common type of angiokeratoma, often involving several differential diagnoses, including other benign vascular tumors and pigmented lesions, including cutaneous melanoma. Dermoscopy is a useful tool for rapid diagnosis, long before having the histopathological report.

